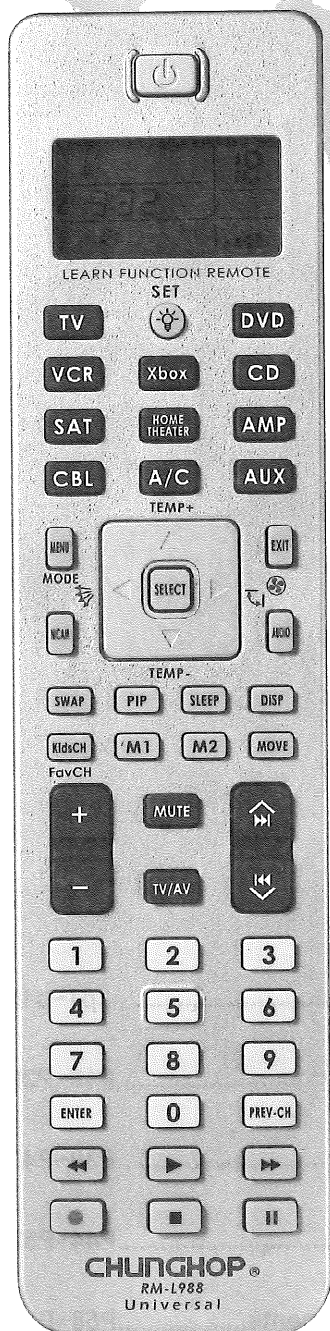


CHUNGHOP®

■ RM-L988

Operating Instruction



RM-L988

—— 11 IN 1 Universal Remote Controller

ENGLISHp1~p15

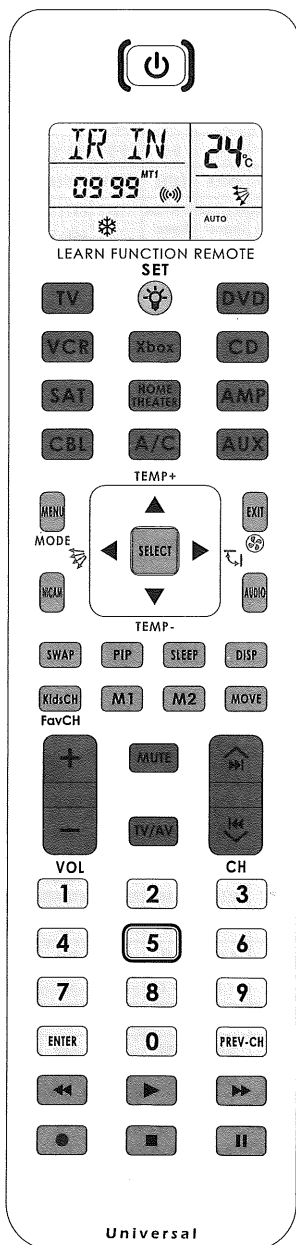
FRENCHP16~P29

SPAISHP30~P43

PORTUGALP44~P57

Cdoe form for the components.....P58~P71

● **Panel Explanation**



**Note:**

Thanks for using this remote control! Please follow the steps below to set your remote control before use, and reserve the User Manual for future setting.

Product Profile

This is a combination type universal remote controller with LCD and learning function. Equipped with a powerful built-in code library and easily configured, it can perform remote control over various household appliances such as TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, AUX, and other infrared remote control device. It is provided with many functions: learning, permanent memory, **macroinstruction**, button shifting, **clock**, kids channel, favorite channel, pushbutton sound, back light, volume sharing, Celsius-Fahrenheit switching, power shortage prompt, and factory default restoring, etc. Its operation is simple and pragmatic, and it is an ideal choice for all-in-one remote control for various household appliances as well as replacement in case of loss and damage.

A/C, TV, VCR, SAT, CBL, CD, DVD, AMP, XBOX, AUX, HOMETHEATER keys and corresponding functions

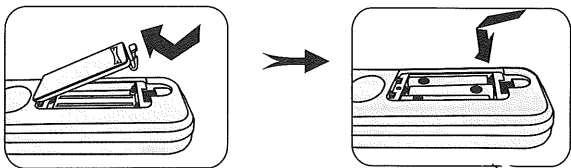
	RM-1988	A/C	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
0	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1	ENTER			ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER
2	PREV-CH		Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN
3	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	ON/OFF	POWER	POWER
4	TV/AV		TV/AV	TV/VCR	TV/SAT	A/B	A/B	N/P	INPUT	CLEAR	TV/VCR	TV/VCR
5	DISPLAY		DISPLAY	DISPLAY	/	DISPLAY	DISPLAY	DISPLAY	DISPLAY	DISPLAY	INFO	INFO
6	SLEEP		SLEEP	SLEEP	SLEEP	SLEEP	/	/	/	INFO	SLEEP	SLEEP
7	CH+		CH+	CH+	CH+	CH+	CH+	NEXT	NEXT	CH+	CH+	CH+
8	CH-		CH-	CH-	CH-	CH-	CH-	LAST	LAST	CH-	CH-	CH-
9	NICAM		ADD/DELETE	ADD/DELETE	RADIO	ADD/DELETE	REPEAT	REPEAT	REPEAT	X	CC	CC
10	VOL+		VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+
11	VOL-		VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-
12	MUTE		MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE
13	PIP		PIP	/	VIEW	FAV	RANDOM	DISKA/B	RANDOM/SURROUND	START	PIP	PIP
14	MOVE		MOVE	/	/	/	/	/	/	ENT	CHAP+	CHAP+
15	SWAP		SWAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE
16	AUDIO		AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE
17	EXIT	FAN	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT
18	MENU	MODE	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
19	UP	Temp+	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP	UP
20	DOWN	Temp-	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN	DOWN
21	RIGHT	M. SWING	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT	RIGHT
22	LEFT	A. WING	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	LEFT	LEFT	LEFT
23	SELECT		SELECT	SELECT	SELECT	SELECT	SELECT/DISK	OK/CHAPTER	DISK	OK	OK	OK
24	REW		REW	REW	REW	REW	REW	REW	REW	REW	REW	REW
25	PLAY		PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY
26	F.F		F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F
27	RECORD		RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD
28	STOP		STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP
29	PAUSE		PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE

Please note the followings before using this remote controller:

1. This remote controller has 54 buttons, of which 39 are functional, and the rest 15 are not.
2. When serving the record button "●" in a VCR or DVD player, the record button "◐" needs to be pressed for about 2 seconds.
3. After turning on the Learn function of this remote controller, the Clock will stop working; and you have to readjust the Clock after exercising the Learn function.
4. Learn keys: when serving the A/C, seven keys can be used for Learning. When serving other home appliances, all the function keys can be used for Learning.
5. As for the Learn code and Key Transfer code, be sure to put the same key in the same storage area when serving the same home appliance, so that the codes will cover each other. When serving the same home appliance, the same key cannot store the Learn code and the Key Transfer code concurrently.
6. During your use of the Menu, if you don't press any key within 2~3 minutes, the system will withdraw from the menu. If you don't press any key within 5~6 minutes, the LCD will be turned off.

● Install the batteries

Open the battery trough cover, install three fire-new AAA batteries according to the +/_ mark on the trough wall, as shown in the figure:



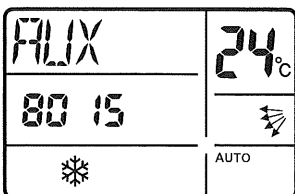
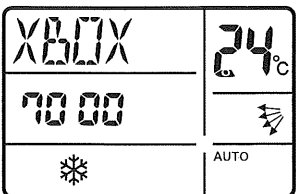
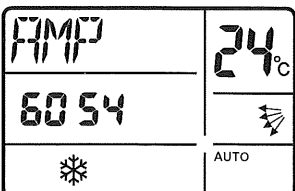
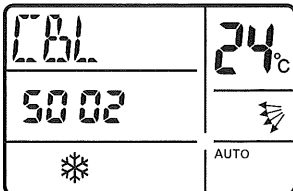
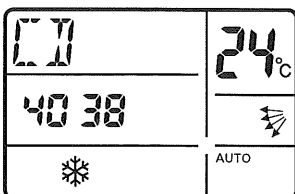
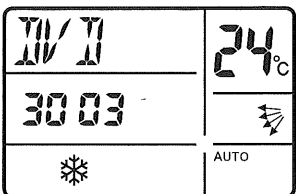
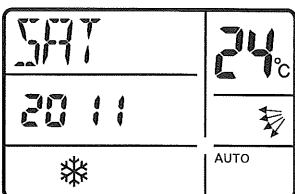
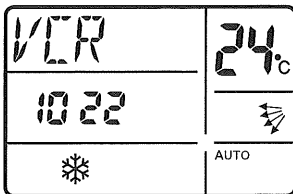
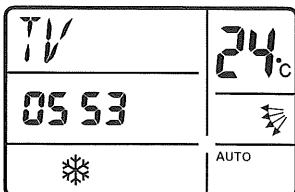
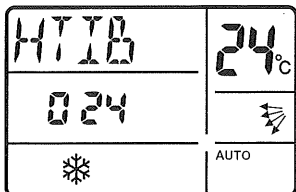
Precautions:

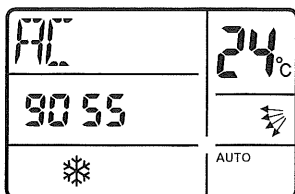


1. Do not use new and old batteries or batteries of different models concurrently.
2. In case of any liquid leakage from a battery, be sure to take the battery out, and clean the battery compartment trough before replacing it with a new battery.
3. Be sure to take the batteries out before you are not going to use this remote controller for a long period of time.

● 11 kinds of operational interfaces

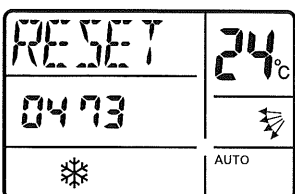
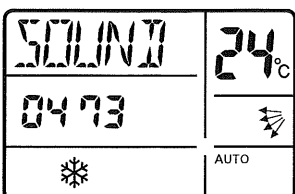
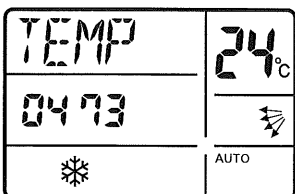
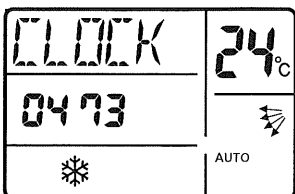
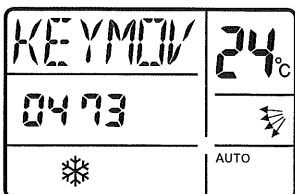
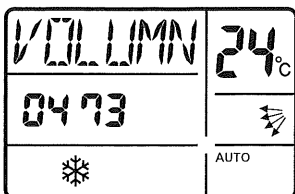
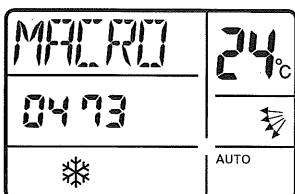
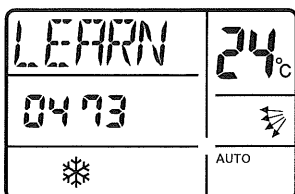
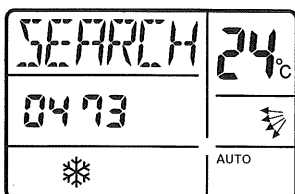
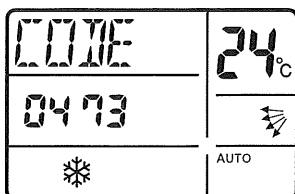
This remote controller has 11 different operational interfaces altogether for equipment: HTIB, TV, VCR, SAT, DVD, CD, CBL, AMP, Xbox, AUX, and A/C. Switching is realizable through pressing their respective equipment buttons.





10 sub-menus that you can shift among

Press the "SET" key for about 5 seconds, to enter the sub-menu settings. There are totally 10 sub-menus, press the "▶" or "◀" to shift among these sub-menus.



Settings on the remote controller

This remote controller can be set by three methods (A, B and C). You can opt for any one as you desire.

Code range: TV 0000~0874	VCR 1000~1276	SAT 2000~2392
DVD 3000~3724	CD 4000~4276	CBL 5000~5266
XBOX 7000	AUX 8000~8165	AMP 6000~6161
	A/C 9000~9337	HTIB 000~033

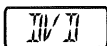
A. Method of code entry

Find the brand of your home appliance to be controlled from the code list. Set for this brand from the first code, until you find the code for your home appliance. If all the codes cannot enable you to use the remote controller normally (or the brand of your home appliance is not in the code list), then go to use Method B or C.

1. Manually turn on the home appliance you are going to take remote control of, find the first code for your home appliance from the code list. For example: the DVD is branded SONY, the first code is 3036.

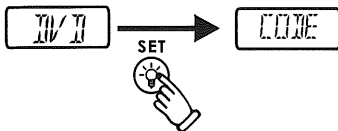
2. Press **DVD** key once to switch to DVD interface.

LCD:



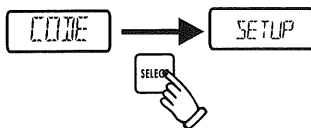
3. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state.

LCD:

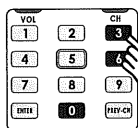


4. Press the "SELECT" key, to enter the settings state.

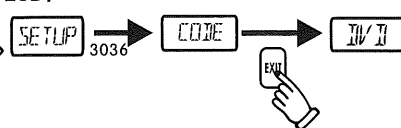
LCD:



5. Input four-digit code 3036, if correctly, with a beep it returns to submenu "CODE" press button "EXIT" it will exit and save the setting. Check other buttons (except Button SET, Button EQUIPMENT, Button KidsCH, M1, M2) for functionality and end setting, or repeat procedure 4~5(if code input is wrong, beeps will be given out to call for new input).

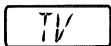


LCD:



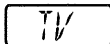
B. Method of manual search of code

1. Manually turn on the home appliance you are going to take remote control of (e.g. TV or VCR, etc.), aim the remote controller at the home appliance that has been turned on. For example: to do settings on the TV.



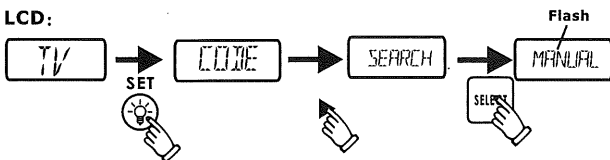
2. Press key **TV** once to switch to "TV" interface.

LCD:

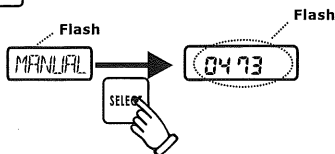


3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state; then press the "▶" key to show "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:

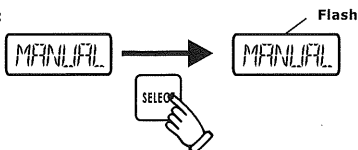


4. Press the "SELECT" key for once, the "Code" will blink.



5. Aim the remote controller at the TV set, click the "▲" key, until the screen of the TV set shows the "VOLUME" mark. Press the "SELECT" key to return to the "MANUAL" state.

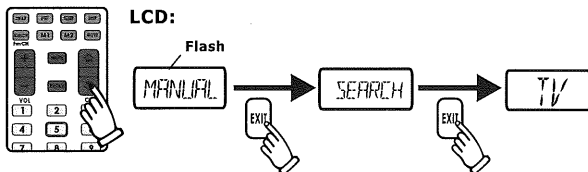
LCD:



Remarks: except for that A/C (air-conditioner) shows Turned On, other home appliances all show the "Volume" mark. Therefore, when doing the settings, be sure to turn on the power of A/C (air-conditioner), and make it remain in the Stand-by state. Other home appliances shall remain in the Normal Play state.

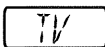
6. Check if other buttons (except "▲", "▼", "EXIT", "EQUIPMENT", "KidsCH", "M1", "M2", and "SELECT") are effective, press button EXIT and return to menu "SEARCH", then press "EXIT" again to exit, and end setting, or repeat procedure 4~6.

LCD:



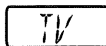
C. Fully automated search of code

1. Manually turn on the home appliance that you are going to take remote control of (e.g. TV, VCR etc.), aim the remote controller at your home appliance that has been turned on. For example: do settings on the TV.



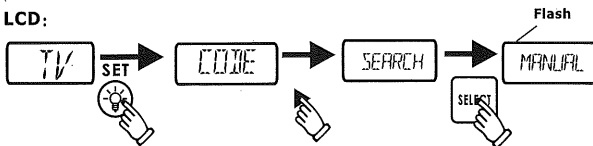
2. Press key "TV" once to switch to "TV" interface.

LCD:



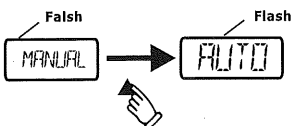
3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu screen at "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:



4. Press the "▲" key for once, the screen will show "AUTO".

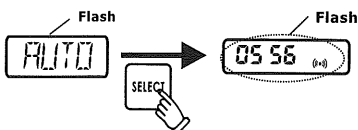
LCD:



5. Press the "SELECT" key for once, the system enters the Fully Automated Search state.

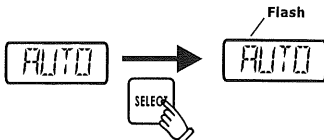
Note: press the "▲" key to move to the previous code.
press the "▼" key to move to the following code.

LCD:

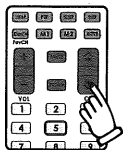


6. When a remotely controlled household appliance is shut down, with a prompt press of button "SELECT" the code of the appliance is locked (notes: TV, SAT, CBL, AMP, Xbox, and HOME THEATER will display "turn off" while A/C (air conditioner) displays "starting", and VCR, DVD, CD, and AUX display "play"; if VCR, DVD, CD, and AUX are "auto play", stop manually and they will stay waiting).

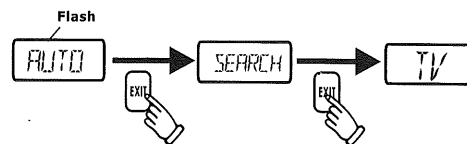
LCD:



7. Check if other buttons (except "▲", "▼", "EXIT", "EQUIPMENT", "KidsCH", "M1", "M2", and "SELECT") are effective, press button EXIT and return to menu "SEARCH", then press "EXIT" again to exit, and end setting, or repeat procedure 5~7.



LCD:



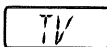
● Learning function

On any page, this remote controller can learn from various infrared remote controllers of household appliances, such as TV, VCR, and A/C, etc; when you are setting a page, other buttons (except Button SET, Button EQUIPMENT, KidsCH, M1, and M2) of the remote controller all have learning function. (Notes: this remote controller can study 224 buttons at most, when study memory is not sufficient, there will be a sound for prompt).

1、

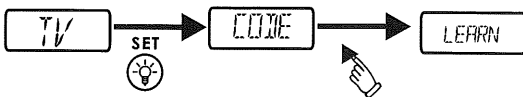
TV

Give button "SELECT" a press, and switch to your desired home appliance interface to study (for instance, set TV, press button "TV" to switch to "TV" interface).



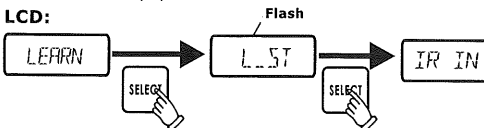
2. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu at the "LEARN" state.

LCD:

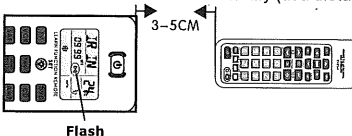


3. Press the "SELECT" key, the "LST" will blink; then press the "SELECT" key to enter the learning state, the "(())" will blink.

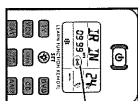
LCD:



4. Point the emission direction of the remote controller to be learnt from at the signal window of this remote controller horizontally (at a distance of 3 to 5 cm).



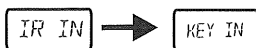
5. Press a certain function key on the target remote controller to send out its code, until the "((•))" stops blinking, then loosen the key, it means the Code Sending Instruction of this function key has been learned.



Stop blinking



LCD:



((•)) Flash → ((•)) Stop blinking

6. Press the corresponding key to be learnt from on this remote controller, "((•))" will flicker again. Now other keys of the remote controller to be learnt from have been learnt to that key. Learn each key gradually in the same way till all keys have been learnt. Press key "SET" once to exit the learning mode. Press again key "EXIT" to return to the interface of "TV".

LCD:



((•)) Stop blinking → ((•)) Flash

Remarks: Cancel the learned function

E.g. Cancel the learnt TV interface

Press the "SELECT" key to shift to the TV interface, → press the "SET" key for about 5 seconds to enter the Settings state → press the "▶" key to shift to the "LEARN" state → press the "SELECT" key to enter → press the "▲" to shift to the "CLEAR" state. Press the "SELECT" key to the "CLEAR" state → press the Key whose function has been learnt for once, the "K" in CLEAR will blink for once, which means this key is cancelled. Repeat doing so to cancel the information that you want to cancel → press the "SET" key to withdraw and return to the "LEARN" menu, press the "EXIT" key for once, to return to the TV interface.

Other functions

1. Time Clock function and Restore Factory Settings function

The following operation can be conducted on the 11 pages of TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, and AUX.

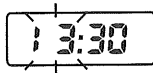
1. Press the "SET" key for about 5 seconds to enter the Setting mode;

Time Clock function

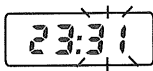
2. Press the "▶" or "◀" on the menu, select the "CLOCK" mode on the LCD.



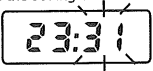
3. Press the "SELECT" key for once, then press the "▲" or "▼" on the menu to set the time clock.



4. Press the "◀" or "▶" on the menu to set the hour and minute.



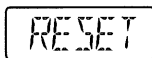
5. Press the "SELECT" key for once, to complete the settings.



6. Press the "EXIT" key to return to the normal mode.


Restore Factory Settings function



2. Press the "▶" or "◀" on the menu, select the "RESET" mode on the LCD.





3. Press the "SELECT" key, you will hear a beep. The remote controller will regain its factory settings.

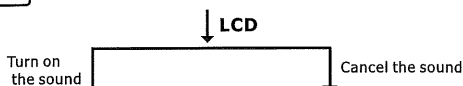
2. Key Sound On/Off Settings



1. Press the "  " key for about 5 seconds, to enter the Settings mode.



2. Press the "  " or "  " on the menu, or select the mode on the LCD.



3. Press the "  " key for once, then press the "  " key on the menu



4. Press the "  " to turn on the sound, press the "  " key again to return to the original state.


4. Press the "  " to cancel the sound, press the "  " key to return to the original state.

3. Sound Sharing Function

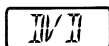
After this function is set, volume of ten device, TV, VCR, SAT, CBL, Xbox, HOME THEATER, DVD, CD, AMP, and AUX can be controlled by TV volume.


Note: A/C (air-conditioner) page has no function as such.

E.g.: to cite DVD as an example:

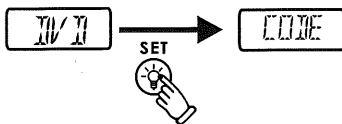
1. Press  key once to switch to DVD interface.



LCD:



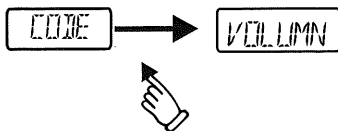
2. Press the "  " key for about 5 seconds, to enter the Settings mode.




LCD:

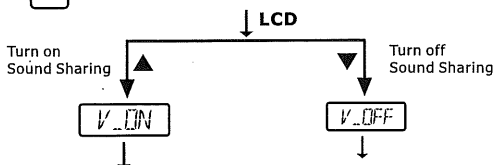




3. Press the "  " or "  " on the menu or select the mode on the LCD.



LCD:





4. Press the "  " key for once, then press the "  " or "  " key on the menu.



5. Press the "  " for once to turn on the Sound Sharing function, press the "  " key for once to return to the original state.

5. Press the "  " for once to turn off the Sound Sharing function, press the "  " key for once to return to the original state.

4. Backlight Control Function

Press the "  " key to enter the backlight mode, then press the "  " key to cancel the backlight mode.

SET

5. Macro instruction Function






This remote controller has two multi-functional buttons, M1 and M2, each can store 21 buttons. This function can combine many continuous or routine pushbutton actions as one pushbutton; after the setting, when a press is given to the preset multi-functional button, this remote controller will emit the preset pushbutton control code, thus, to simplify the operation.

Regular Information Sending Function: you can turn on your home appliance at a pre-set time, so as to avoid you from missing your favorite program.

Notes:

1. The macroinstruction function shall be used when this remote controller can take control of home appliances.
2. The Macroinstruction key is not affiliated to any home appliance. Therefore, when you press the Macroinstruction key of any home appliance (when the Macroinstruction function key works normally), the same instruction code will be sent out.
3. Once the timing function of macroinstruction button is enabled, LCD displays representative figure 1, 2 respectively of MTX, X.
4. When adding in a Macroinstruction, the added instruction is under the current code of the current home appliance. Once added successfully, the instruction will have nothing to do with the code set on the home appliance.

Notes:

- The LCD displays **CLR M1**, meaning Cancel the settings at the M1 key. Press the "  " key to confirm, press the "  " key to withdraw.
- The LCD displays **CLR M2**, meaning Cancel the settings at the M2 key. Press the "  " key to confirm, press the "  " key to withdraw.
- The LCD displays **M1 ADD**, meaning Adding in an instruction into the M1 key;
- The LCD displays **M2 ADD**, meaning Adding in an instruction into the M2 key.
- Press equipment key to delete the previous instruction; and press "  " to exit adding instruction mode.
- **M1 XX** "XX" means the number of instructions in the M1 Macroinstruction Key; up to 21 instructions can be stored.
- **M1 TM** can display the time of regular code sending by this Macroinstruction key at the time display area; and the hour digit will blink, waiting for the user to adjust the time of regular code sending.
- **M1 XS** "X" means the time interval (X seconds) between this instruction and the next instruction, when being sent.

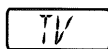
A. Macro Settings




Example 1. Operating steps: switch on the power to the TV set → shift between TV/VCR → switch on the power to VCR → start playing, use a multi-function key " M1 " to take control.

Do the settings as follows:

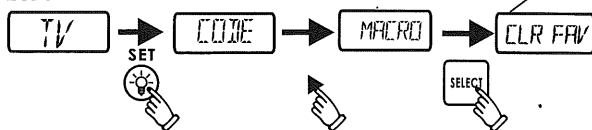
1. Press key **TV** once to switch to "TV" interface.


LCD:



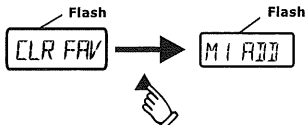
2. Press the " **SET** " key for about 5 seconds, enter the sub-menu state, then press the "  " key or "  " to set the menu at " **MACRO** ", press the "  " key.

LCD:



3. Give button "  " a press.

LCD:




4. Press the "SELECT" key again. The LCD displays **M1 00**
(If the display is not M1-00, press equipment key to adjust).

5. Press the "POWER" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 01**.

6. Press the "TV/AV" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 02**.

7. Press the "SET" key for once, the LCD displays **M1 TM**.

8. Press key "EXIT" twice to return to interface TV. Press key **VCR** once to select VCR interface;
LCD:


9. Press the "SET" key for about 5 seconds, to enter the Settings mode.

10. Press the "▶" or "◀" on the menu, or choose on the LCD; the LCD displays **MACRO**.

11. Press the "SELECT" key, then press the "▲" key on the menu: **M1 ADD**.

12. Press the "SELECT" key again, the LCD shows **M1 02**.

13. Press the "POWER" key for a while, until the LCD displays **M1 25**; then loosen the key, the LCD displays **M1 03**.

14. Press the "▶" key (Play) for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 04**.

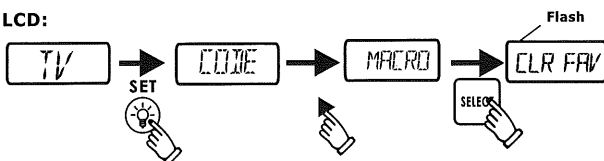
15. Press the "SET" key for once, the LCD displays **M1 TM**.

16. Press the "EXIT" key for twice, to return to the VCR page, complete the settings.
 Namely, you can use the multi-function key "M1" to take control of the steps:
 Switch on the power to the TV set → shift between TV/VCR → switch on the power to VCR → start playing (PLAY)

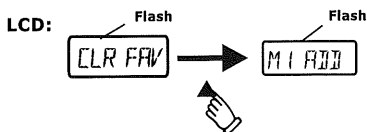
Example 2: Automatically turn on the TV set to play the program on Channel 13 at 19:30

1. Press key **TV** once to switch to "TV" interface. **TV**

2. Press the "SET" key for about 5 seconds, to enter the sub-menu state; then press the "▶" key or "◀" to set the menu at **MACRO** then press the "SELECT" key.

LCD:


3. Click the "▲" key on the menu.



4. Press the "SELECT" key again, the LCD displays **M1 00**

(If the display is not M1-00, press equipment key to adjust).

5. Press the "⏻" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 01**

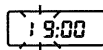
6. Press the "ENTER" key for a while, until the LCD displays **M1 25**; then loosen the key, the LCD displays **M1 02**

7. Press the "1" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 03**

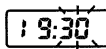
8. Press the "3" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 04**

9. Press the "SET" key for once, the LCD displays **M1 TM**

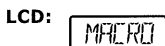
10. Press the "▲" or "▼" on the menu to set the time clock;



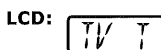
11. Press the "◀" or "▶" on the menu to set the hour and minute.



12. Press the "SELECT" key for once, to complete the settings.



13. Press the "EXIT" key to return to the TV page.

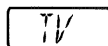


14. Aim the transmitting end of the remote controller at the receiving end of the TV set. When it is **19:30**, the remote controller will turn on the TV, and play the program on **Channel 13**.

6. Kids channel (KidsCH) and Favorite channel (FAV)

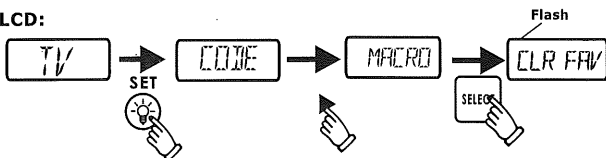
For example, press "12", "1", "9" to set "KidsCH":

1. Press button "TV" to switch to "TV" interface.



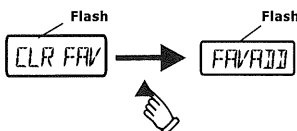
2. Press button "SET" for about 5 seconds to enter submenu, then press "▶" or "◀" to transfer the menu to "MACRO", then press button "SELECT".

LCD:



3. Press button "▲" in the menu functional button again and again.

LCD:



4. Press again the button "SELECT" to see LCD display FAV 00.

(If FAV 00 is not displayed, button "EQUIPMENT" should be pressed for adjustment)

5. Press "ENTER" to see LCD display FAV 05 and release to see FAV 01.

6. With a press given to "1", LCD displays FAV 05, with a release, it displays FAV 02.

7. Press "2" to display FAV 05 on the LCD, release to display FAV 03.

8. Then press "KidsCH" to let out sound "tick".

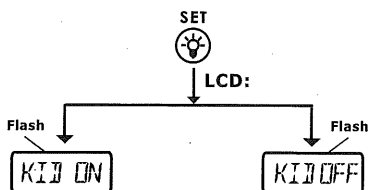
9. Press "1" likewise to display FAV 05 on the LCD, and release to display FAV 04.

10. Then press "KidsCH" to let out sound "Tick".

11. Press "9" likewise to display FAV 05, and release to display FAV 05.

12. Then press "KidsCH" to let out sound "Tick".

13. Press "SET"



14. Then press "**SELECT**" return to interface **MACRO** to start "KidsCH" with "KIDS" displayed.

14. Press "**SELECT**", return to interface **MACRO** to start "FAV".

Notes:

1. During channel setting, "**KidsCH**" is the channel space button.
2. Setting method of "FAV" is the same with that of "KidsCH". The difference lies in that when you have selected "KidsCH", channel selection functional button is locked, button **KidsCH** is taken to select channels; however, all buttons are usable when use "FAV".

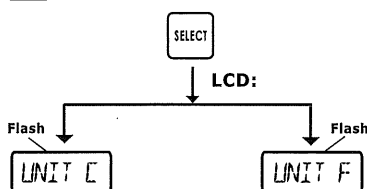
7. Celsius–Fahrenheit switching function

1. Press button "SET" for about 5 seconds to enter submenu, then press "▶" or "◀" to transfer the menu to "TEMP".

LCD:



2. Press "**SELECT**", then press "▼"



3. Press "**SELECT**", return to interface **TEMP** where the current temperature displayed is Celsius degree.

3. Press "**SELECT**", return to interface **TEMP** where the current temperature is Fahrenheit degree.

8. Set/Cancel Key Transfer

Transfer the function key of a home appliance to the function key of another appliance.

Notes:

1. The key transfer code and learning code are both X999. therefore, after starting the key transfer function, you may have to set a code before using the key transfer function. The TV code is pre-set to be 0999; the VCR code is pre-set to be 1999; and the SAT code is pre-set to be 2999; and the DVD code is pre-set to be 3999; and the CD code is pre-set to be 4999; and the CBL code is pre-set to be 5999; and the AMP code is pre-set to be 6999; and the XBOX code is pre-set to be 7999; and the AUX code is pre-set to be 8999; and the A/C code is pre-set to be 9999; and the HTIB code is pre-set to be 099;
2. When doing the key transfer, be sure to use a code that is not X999.
3. When doing the key transfer, the user will be reminded to choose a home appliance. But remember that the code to be transferred shall be the currently set code for the home appliance in concern. If the current code is X999, you cannot realize the key transfer.

E.g.: to transfer the information on the "6" key of SAT onto the "7" key of VCR, then cancel such a transfer.

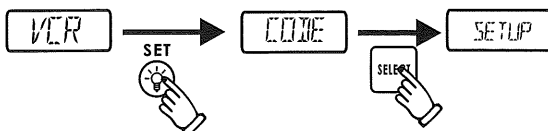
1. Press key **VCR** once to switch to VCR interface.

LCD:

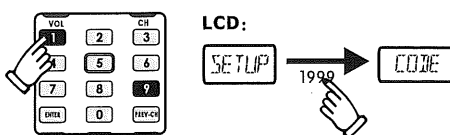
VCR

2. Press the "**SET**" key for about 5 seconds, to enter the sub-menu "**CODE**" state, then press the "**SELECT**" key.

LCD:



3. Enter a four-digit code 1999. If you enter a correct code, you will hear a beep, and the system will return to the "**CODE**" sub-menu.

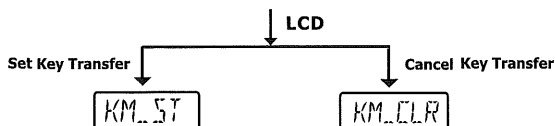


4. Press the "**▶**" or "**◀**" on the menu, or select the mode on the LCD. **KEYMOV**

LCD:

KEYMOV

5. Press the "**SELECT**" key, then press the "**▲**" key.



6. Press the "**SELECT**" key for once, the LCD displays

SEL DEV → VCR

6. Press the "**SELECT**" key for once, the LCD displays

CLREIN

7. Press the "**▲**" key on the menu, the LCD displays

LCD: SAT

7. Press the key whose information has been transferred, the LCD displays

CLREIN —Blink once

8. Press the "**SELECT**" key, the LCD displays **FR KEY**. Press the function key 6, the LCD displays **TO KEY**, then press the function key 7. Repeat this step to transfer the target key.

Repeat this step to cancel the transferred key information. Example: Function key 7


8. Press the "**SET**" key, the LCD displays

KEYMOV

9. Press the "**SET**" key, the LCD displays **KEYMOV**, then press the "**EXIT**" key to withdraw, and return to the VCR page.

9. Then press the "**EXIT**" key again, to withdraw and return to the normal state.

9. Reminder of low power

When the battery is going out of power, the screen of any interface of this remote controller will show a  mark, reminding you of the lower power in batteries.



Attention: Nous vous remercions d'utiliser cette télécommande. Pour télécommander vos articles électro-ménagers avec ce produit il faut en faire le réglage tout d'abord. Gardez bien ce manuel après la lecture pour l'utilisation ultérieure.









PRÉSENTATION BRIÈVE DU PRODUIT

Notre télécommande est une télécommande qui porte LCD l'afficheur à cristaux liquides et combine avec des fonctions d'études, elle possède encore un grand entrepôt des codes. En passant des simples installations, elle peut commander un certain genre des électroménagers, par exemple : TV, VCR, SAT, CBL, Xbox, Home théâtre, A/C, DVD, CD, AMP, AUX et les autres appareils commandés par l'onde infrarouge etc. ses multiples fonctions : la fonction d'étude, la fonction de garder éternellement, la fonction de l'ordre de macro codage, la fonction de transférer les touches, la fonctions d'horloge, la fonction de chaîne de filiation, la fonction de chaîne attachée, la fonction de raler en pressant le bouton, la fonction d'être ombragé, la fonction de participation de volume de son, la fonction de transférer entre le degré centigrade et degré Fahrenheit, la fonction de l'annonce en cas de manquer l'électricité, la fonction de reset etc. facile à commander, c'est un bon choix de télécommande pour les électroménagers et aussi quand vous manquez, endommagez ou remplacez une nouvelle télécommande.

TABLE DES TOUCHES ET DES FONCTIONS EN REGARD DE A/C, TV, VCR, SAT, CBL, CD, DVD, AMP, XBOX, AUX, HOMETHEATER

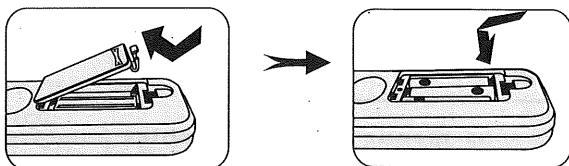
	RM-L988	A/C	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
0	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1	ENTER			ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER
2	PREV-CH		Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN
3	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	ON/OFF	POWER	POWER
4	TV/AV		TV/AV	TV/VCR	TV/SAT	A/B	A/B	N/P	INPUT	CLEAR	TV/VCR	TV/VCR
5	DISPLAY		DISPLAY	DISPLAY	/	DISPLAY	DISPLAY	DISPLAY	DISPLAY	DISPLAY	INFO	INFO
6	SLEEP		SLEEP	SLEEP	SLEEP	SLEEP	/	/	/	INFO	SLEEP	SLEEP
7	CH+		CH+	CH+	CH+	CH+	CH+	NEXT	NEXT	CH+	CH+	CH+
8	CH-		CH-	CH-	CH-	CH-	CH-	LAST	LAST	CH-	CH-	CH-
9	NICAM		ADD/DELETE	ADD/DELETE	RADIO	ADD/DELETE	REPEAT	REPEAT	REPEAT	X	CC	CC
10	VOL+		VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+
11	VOL-		VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-
12	MUTE		MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE
13	PIP		PIP	/	VIEW	FAV	RANDOM	DISKA/B	RANDOM/SURROUND	START	PIP	PIP
14	MOVE		MOVE	/	/	/	/	/	/	ENT	CHAP+	CHAP+
15	SWAP		SWAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE
16	AUDIO		AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE
17	EXIT	FAN	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT
18	MENU	MODE	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
19	UP	Temp+	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP	UP
20	DOWN	Temp-	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN	DOWN
21	RIGHT	N. SWING	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT	RIGHT
22	LEFT	A. WING	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	LEFT	LEFT	LEFT
23	SELECT		SELECT	SELECT	SELECT	SELECT	SELECT/DISK	OK/CHAPTER	DISK	OK	OK	OK
24	REW		REW	REW	REW	REW	REW	REW	REW	REW	REW	REW
25	PLAY		PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY
26	F.F		F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F
27	RECORD		RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD
28	STOP		STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP
29	PAUSE		PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE

Remarques importante à observer avant l'utilisation de la présente télécommande

- Dans cette télécommande, on a 54 boutons, 39 boutons sont les boutons de fonction, et 15 boutons sont les boutons non fonction.
- Pour les appareils VCR, DVD, CD il faut appuyer sur la touche "  " à peu près 2 secondes pour commencer l'envoi des codes.
- télécommande, CLOCK s'arrête momentanément et il faut régler de nouveau CLOCK après l'apprentissage.
- Les touches pour l'apprentissages: Pour A/C(climatiseur), ce sont les 7 touches  .  .  .  .  .  .  . tandis que pour les autres appareils toutes les touches fonctionnelle le sont.
- Pour le code d'apprentissage et le code de transfert de touche d'un même appareil les touches identiques doivent être mises dans une même zone mémoire de sorte qu'elles se recouvrent. Ainsi la même touche d'un même appareil ne peut pas mémoriser en même temps le code d'apprentissage et le code de transfert.
- Lors de l'opération du menu, si l'on ne s'appuie pas longtemps sur la touche, 2-3 minutes après la télécommande sortira automatiquement du menu et si l'on ne l'utilise pas pour longtemps LCD se fermera 5-6 minutes après.

Insertion des batteries

Ouvrir la cache des batteries et insérer 3 batteries toutes neuves AAA d'après les signes "+/-" marqués dans le compartiment, comme indiquées la figure:



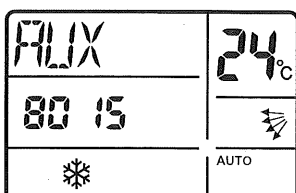
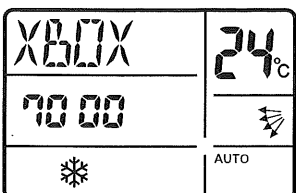
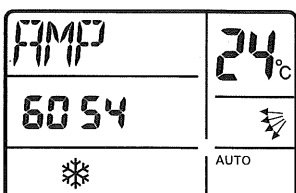
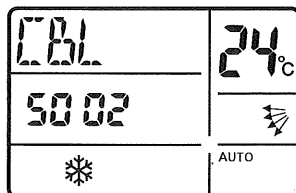
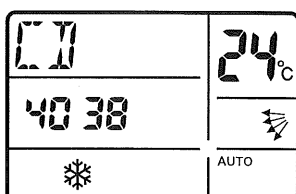
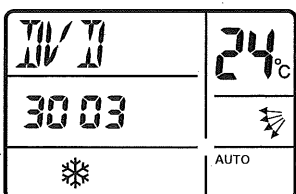
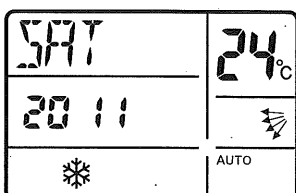
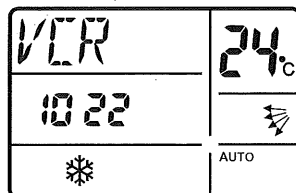
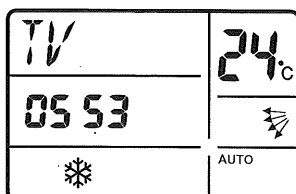
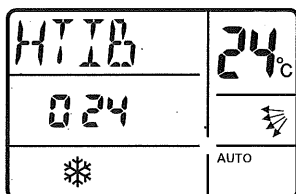
Remarques

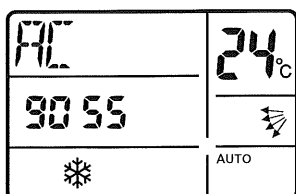


1. Ne pas utiliser ensemble de nouvelles et de vieilles batteries ou des batteries de modèles différents
2. S'il y a la fuite il faut retirer les batteries, nettoyer le compartiment et en faire le remplacement avec de nouvelles.
3. Si vous n'utilisez plus pour longtemps cette télécommande, prière de retirer les batteries.

Eleven interfaces d'opération

Cette télécommande a 11 genre d'interfaces : HTIB, TV, VCR, SAT, DVD, CD, CBL, AMP, Xbox, AUX, A/C. On peut utiliser « Bouton d'appareil » en vue de transférer.

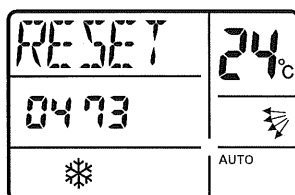
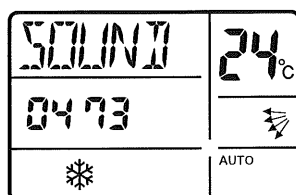
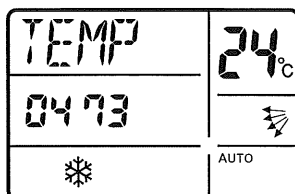
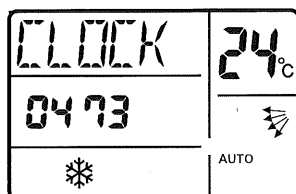
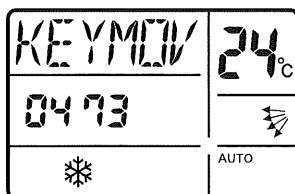
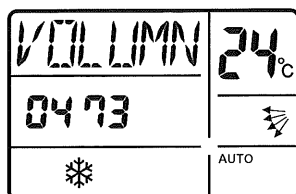
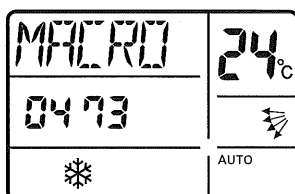
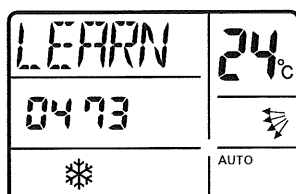
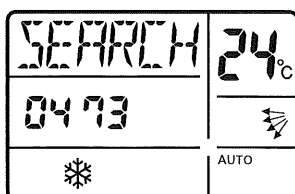
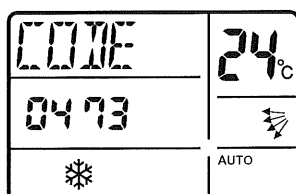




● Dix sous-menus interchangeables

Appuyer sur la touche « SET » à peu près 5 secondes pour entrer dans le sous-menu.

Il y a en tout 10 sous-menus et on peut les changer en appuyant sur “▶” ou “◀”



● Réglage de la télécommande

Notre télécommande a 3 réglages (A,B,C) à choisir.

Les codes: TV 0000~0874	VCR 1000~1276	SAT 2000~2392
DVD 3000~3724	CD 4000~4276	CBL 5000~5266
XBOX 7000	AUX 8000~8165	A/C 9000~9337
		HTIB 000~033

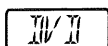
A. Entrée des codes

Chercher dans la table des codes la marque de l'appareil électro-ménager à télécommander et faire le réglage depuis le 1er code de cette marque un à un jusqu'à ce que vous ayez trouvé le code qui convient à votre appareil électro-ménager. Si votre télécommande ne fonctionne avec aucun des codes (ou si la marque de votre appareil électro-ménager ne se trouve pas dans cette table des codes), veuillez utiliser les réglages B ou C.

1. Mettre manuellement en marche votre appareil à télécommander, chercher le 1er code de votre appareil à télécommander. Par ex, la marque du DVD que vous voulez télécommander est SONY et le premier groupe du code est 3036

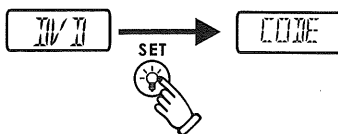
2. Appuyer d'un coup sur la touche **DVD** pour le basculement à l'interface de DVD.

LCD:



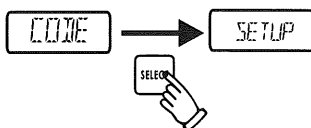
3. Appuyer sur la touche "SET" à peu près 5 secondes pour entrer dans "CODE" du sous-menu.

LCD:

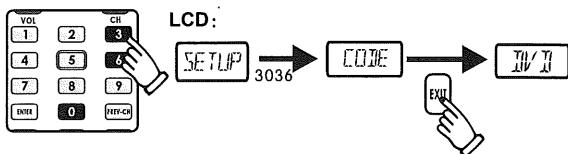


4. Appuyer sur la touche **SELECT** pour entrer dans le réglage.

LCD:

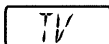


5. Entrer le quatre chiffre code 3036, si c'est correct, on peut entendre un son « Bi » et ça retourne dans le sous menu **CODE**, presser **EXIT** pour quitter et enregistrer les installations. vérifier les autres boutons (Excepte de Set, boutons d'appareil, KidsCH, M1, M2) s'ils marchent bien, si oui c'est fini, sinon, il faut répéter les étapes de 4-5



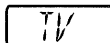
B. Recherche manuelle des codes

1. Mettre manuellement en marche votre appareil électro-ménager(TV, VCR, etc.) à télécommander et viser directement la télécommande sur cet appareil en marche. Par ex. Le réglage de TV.



2. Appuyer d'un coup sur la touche **TV** pour le basculement à l'interface de TV.

LCD:

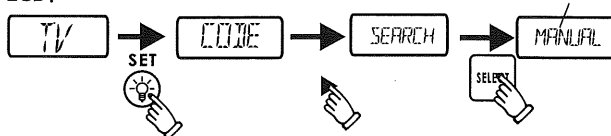


3. Appuyez sur la touche "SET" à peu près 5 secondes pour entrer dans

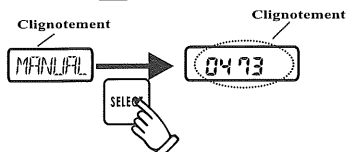
"CODE" du sous-menu et après avoir appuyé sur la touche "▶" pour mettre le menu à "SEARCH", appuyez sur la touche **SELECT** et "MANUAL" clignote.

LCD:

Clignotement

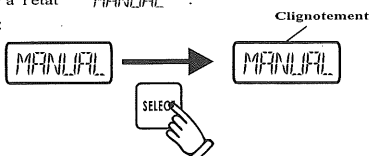


4. Appuyez sur la touche "SELECT" et "CODE" clignote.



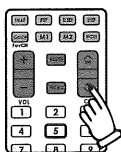
5. Face à la TV appuyez coup par coup sur la touche "▲" jusqu'à l'affichage du "Signe du volume" sur la TV. Alors appuyez sur la touche "SELECT" pour revenir à l'état "MANUAL".

LCD:

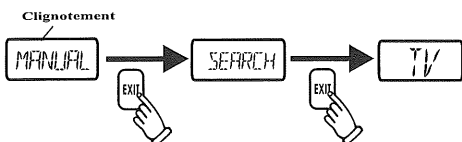


Note : Excepté l'affichage de marche sur A/C (climatiseur), sur les autres appareils s'affiche "Signe du volume". Donc lors du réglage il faut mettre en marche l'interrupteur d'alimentation de A/C (climatiseur) pour le mettre en état d'attente tandis qu'on met les autres appareils en état de lecture normale.

6. Examiner les validités des autres boutons, (Excepté de ▲, ▼, Quitter, SET, Bouton d'appareil, KidsCH, M1, M2, SELECT), si ils marchent bien, on presse le bouton « Quitter » pour retourner dans le menu « SEARCH », et ensuite EXIT pour quitter, et finir l'installation, sinon, il faut bien répéter les étapes de 4-6.

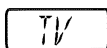


LCD:



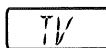
c. Recherche tout automatique des codes

1. Mettre manuellement en marche votre appareil (par ex. TV, VCR, etc.) à télécommander et viser la télécommande sur l'appareil mis en marche.



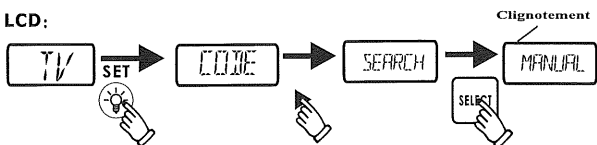
2. Appuyer d'un coup sur la touche TV pour le basculement à l'interface de TV.

LCD:

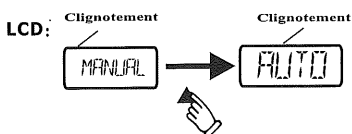


3. Appuyer 5 secondes environ sur la touche "SET" pour entrer dans le sous-menu "CODE" et ensuite sur la touche "▶" pour mettre le menu à "SEARCH", puis, appuyer sur la touche "SELECT" et "MANUAL" clignote.

LCD:

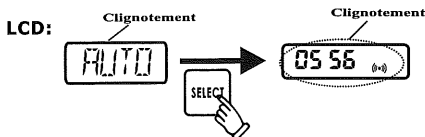


4. Presser d'un coup la touche "▲" pour l'affichage de "AUTO"

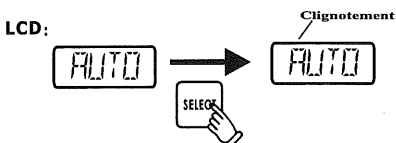


5. Presser d'un coup la touche "SELECT" pour entrer dans la recherche tout automatique.

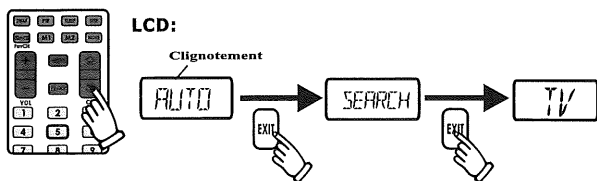
Attention : Appuyer sur la touche "▲" pour la recherche progressive d'un code.
Appuyer sur la touche "▼" pour la recherche rétrograde d'un code.



6. Si tous les appareils sont fermés, on presse le bouton « SELECT », ça veut dire de regarder le code (Attention : TV, SAT, CBL, AMP, Xbox, HOME THEATER présentent fermé, A/C (conditionneur d'air) présente ouvert. VCR, DVD, CD, AUX présentent jouer, si VCR, DVD, CD, AUX sont de jouer automatiquement, il faut les arrêter par les mains, et les laisser pour stand-by)



7. Examiner les validités des autres boutons, (Excepte de ▲, ▼, Quitter, SET, Bouton d'appareil, KidsCH, M1, M2, SELECT), si ils marchent bien, on presse le bouton « Quitter » pour retourner dans le menu « SEARCH », et ensuite EXIT pour quitter, et finir l'installation, sinon, il faut bien répéter les étapes de 5-7.



● Fonction d'apprentissage

On peut étudier les fonctions de la télécommande dans n'importe quelle interface sur les électroménagers. Par exemple : TV, VCR, A/C etc, si vous êtes sur une certaine interface (excepte de SET, Bouton d'appareil, KidsCH, M1, M2, SELECT), les autres boutons ont des fonctions d'étudier. (Remarque : cette télécommande peut étudier 224 boutons au maximum, s'il n'y a plus d'espace, ça va vous annoncer par un son de signaler.)

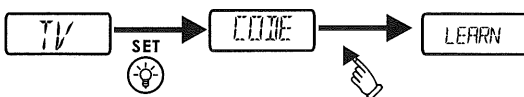
1. **TV**

Presser le bouton « SELECT » pour transférer dans l'interface d'étude d'appareil (par exemple : l'installation de TV, donc, on presse **TV** pour transférer dans cette interface.

TV

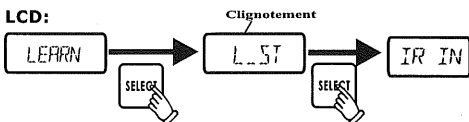
2. Appuyer environ 5 secondes sur la touche "SET" pour entrer dans le sous-menu. "CODE". Appuyer ensuite sur la touche "▶" pour faire entrer le menu à l'état "LEARN"

LCD:

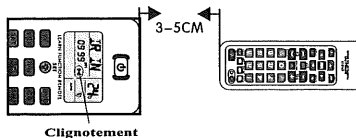


3. Appuyer sur la touche "SELECT" et "LST" clignote ; ensuite appuyer sur la touche "SELECT" pour entrer dans l'état d'apprentissage et le signal "(())" clignote.

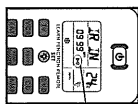
LCD:



4. On met la direction de commande de télécommande d'étude ver la fenêtre de notre télécommande « Distance de 3 f 5 cm ».



5. Appuyer sur une touche fonctionnelle de la télécommande enseignante en sorte qu'elle envoie le code jusqu'à l'arrêt du clignotement du signal "((()))" pour relâcher la touche et ce qui signifie que l'instruction d'envoi du code de cette touche fonctionnelle est apprise.



LCD:

IR IN

KEY IN

Arrêt du clignotement. ((())) Clignotement → ((())) Arrêt du clignotement.

6. Appuyer sur la touche apprenant correspondante sur le tableau de cette télécommande, "((()))" clignote de nouveau et alors la touche de fonction de la télécommande à apprendre est apprise par notre télécommande dans cette touche. On apprend de la même façon chaque touche une à une et après avoir appris toutes les touches on appuie sur la touche «SET» pour sortir de l'état d'apprentissage et appuyer encore une fois sur la touche «EXIT» pour revenir à l'interface «TV».

LCD:

KEY IN

IR IN

SET

LEARN

TV

((())) Arrêt du clignotement. → ((())) Clignotement

Note : Suppression du contenu appris

Ex. Suppression de l'interface TV

Appuyer sur la touche «SELECT» pour entrer dans l'interface TV → Appuyer environ 5 secondes sur la touche «SET» pour entrer dans l'état de réglage → Appuyer sur la touche «▶» pour entrer dans l'état «LEARN» → Appuyer sur la touche «SELECT» pour y entrer → Appuyer sur «▲» pour entrer dans l'état «L CLR». Appuyer sur la touche «SELECT» pour entrer dans l'état «CLEAR» → Appuyer sur la touche dont vous voulez supprimer le contenu appris et «K» dans «CLEAR» fait un clignotement, ce qui signifie que cette touche est supprimée. On fait de la sorte pour supprimer les informations mémorisées dans les touches → appuyer sur la touche «SET» pour sortir et revenir au menu «LEARN». Appuyer encore une fois sur «EXIT» pour revenir à l'interface TV.

Autres fonctions

1. Fonction d'horloge et fonction de remise à zéro

On peut faire des opérations dans les 11 interfaces suivantes TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, AUX.

1. Appuyer sur la touche «SET» à peu près 5 secondes pour entrer dans le mode de réglage

Fonction d'horloge

Fonction de remise à zéro

2. Appuyer sur la touche «▶» ou «◀» sur le menu pour choisir sur l'écran à cristaux liquides le mode «CLOCK» ;

CLOCK

3. Presser d'un coup la touche «SELECT» et puis appuyer sur la touche «▲» ou «▼» sur le menu pour régler l'horloge.

13:30

4. Appuyer sur la touche «◀» ou «▶» sur le menu pour régler l'heure et la minute.

23:31

5. Appuyer sur la touche «SELECT» et le réglage est terminé.

23:31


6. Appuyer sur la touche «EXIT» pour revenir au mode normal.



2. Appuyer sur la «▶» ou «◀» sur le menu pour choisir sur l'écran à cristaux liquides le mode de «RESET» ;

RESET



3. Appuyer sur la touche «SELECT» et on entend un «BI» et la télécommande est remise à zéro.

2. Fonction du réglage Marche/Arrêt du son de touche

1. Appuyer environ 5 secondes sur la touche "  " pour entrer dans le mode Réglage.

2. Appuyer sur la touche "  " ou "  " sur le menu pour choisir le mode sur l'écran à cristaux liquides.

SOUND

3. Appuyer sur la touche "  " et ensuite sur la touche "  " .


LCD


Mise en marche
le son

Supprimer le son

S_ON

S_OFF

4. Appuyer sur "  " pour mettre en marche le son et ensuite sur la touche " EXIT " pour revenir à l'état initial.

4. Appuyer sur "  " pour supprimer le son et ensuite sur la touche " EXIT " pour revenir à l'état initial.

3. Fonction du jouissance commune du volume

Après l'installation de cette fonction, on peut utiliser le contrôle de la volume de son dans TV pour contrôler les autres 10 appareils V, VCR, SAT, CBL, Xbox, HOME THEATER, DVD, CD, AMP, AUX.


Note : La interface d'A/C (climatiseur) n'a pas cette fonction.

Prendre DVD comme exemple :

1. Appuyer d'un coup sur la touche  pour le basculement à l'interface de DVD.

LCD:

TV/1

2. Appuyer environ 5 secondes sur la touche "  " pour entrer dans le mode Réglage ;



LCD:

TV/1

SET

CODE



3. Appuyer sur la touche "  " ou "  " sur le menu pour choisir le mode sur l'écran à cristaux liquides.

VOLUME

LCD:

CODE

→

VOLUME



4. Presser d'un coup la touche "  " et ensuite appuyer sur la touche "  " ou "  "


LCD


Mettre en marche la
jouissance commune
du volume

Supprimer la jouissance
commune du volume



V_ON

V_OFF

5. Appuyer sur "  " pour mettre en marche la fonction de jouissance commune du volume et ensuite sur la touche " EXIT " pour revenir à l'état initial.

5. Appuyer sur "  " pour supprimer la jouissance commune du son et ensuite sur la touche " EXIT " pour revenir à l'état initial.

4. Fonction de contrôle de contre-jour

Appuyer sur la touche "  " pour entrer dans le mode Contre-jour et puis sur la touche "  " pour supprimer le mode Contre-jour.



5. Fonction Macro instruction






On a plus 2 boutons dans cette télécommande : M1, M2, on peut mettre 21 codes de boutons dans chaque boutons de multiple fonctions, on peut utiliser cette fonction pour combiner les étapes de commande dans un seul bouton, après l'installation, si vous pressez ce boutons, la télécommande va commander par l'ordre des codes de contrôle, ça va simplifier les opérations.

Fonction d'émission temporisée des informations: On peut mettre en marche vos appareils électro-ménagers à l'heure réglée pour ne pas perdre les programmes que vous préférez.

Attention :

1. faut utiliser la fonction de Macro-instruction aux appareils électro-ménagers que peut commander cette télécommande.
2. La touche Macro-instruction n'appartient à aucun appareil, donc sur tout appareil quand on appuie sur la touche Macro (à condition que la touche Macro est efficace), l'appareil émettra le code d'instruction identique.
3. quand on ouvre la fonction de minuteur par le bouton d'ordre de macro codage, MTX, X dans LCD se présentent comme les chiffres 1 et 2.
4. Lors d'ajouter une macro-instruction, cette instruction ajoutée se trouve sous le code actuel de l'appareil actuel. Une fois on a réussi à ajouter, l'instruction ajoutée n'aura pas de trait au code réglé de l'appareil.

Attention

- L'affichage de **CLR M1** sur l'écran à cristaux liquides indique la suppression du contenu de la touche M1. Appuyer sur la touche "  " pour la confirmation et sur "  " pour le retrait.
- L'affichage de **CLR M2** sur l'écran à cristaux liquides indique la suppression du contenu de la touche M2. Appuyer sur la touche "  " pour la confirmation et sur "  " pour le retrait.
- L'affichage de **M1 ADD** sur l'écran à cristaux liquides indique l'addition de l'instruction dans M1 et
- L'affichage de **M2 ADD** sur l'écran à cristaux liquides indique l'addition de l'instruction dans M2 et
- Pour supprimer une instruction, appuyer sur la touche Équipement et pour sortir de l'état d'ajouter des instructions, appuyer sur "  ".
- Dans **M1 XX** le "XX" signifie le nombre des instructions mémorisées dans la touche de Macro de M1. La touche peut mémoriser au maximum 21 instructions.
- **M1 TM** peut afficher dans la zone d'affichage du temps le temps d'émission temporisée du code par cette touche de Macro-instruction et le nombre d'heures clignotera pour avertir l'utilisateur d'ajuster le temps d'émission temporisée du code.
- Dans **M1 XS** le "X" signifie l'écart est de X secondes entre le temps d'émission de cette instruction et celui d'émission de l'instruction suivante.

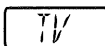
A. Réglage de macro




Ex. 1 : Utiliser une touche multi-fonctionnelle "M1" pour commander les opérations: Mise en marche de l'alimentation électrique de TV → Commutation TV/VCR → Mise en marche de l'alimentation électrique de VCR → Lecture (PLAY)

Le réglage se fait comme suite:

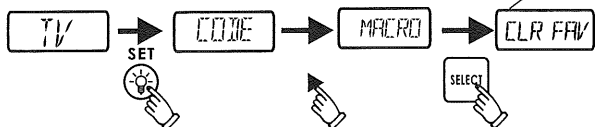
1. Appuyer d'un coup sur la touche **TV** pour le basculement à l'interface de TV.


LCD:



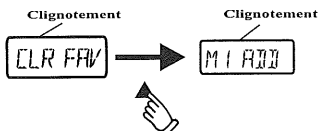
2. Appuyer environ 5 secondes sur la touche "SET" pour entrer dans l'état de sous-menu et ensuite sur la touche "  " ou "  " pour régler le menu à "MACRO" et puis sur la touche .

LCD:



3. presser le bouton "  " dans les boutons de menu

LCD:



4. Appuyer encore une fois sur la touche "SELECT" et **M1 00** s'affichera sur l'écran à cristaux liquides
(Si l'affichage n'est pas de M1-00, appuyer sur la touche Équipement pour le réglage.)

5. Appuyer sans relâche sur la touche "POWER" jusqu'à l'apparition de

M1 25 sur l'écran à cristaux liquides et alors s'affiche **M1 01**.

6. Appuyer sans relâche sur la touche "TV/AV" jusqu'à l'apparition de

M1 25 sur l'écran à cristaux liquides et alors s'affiche **M1 02**.

7. Appuyer sur la touche "SET" et alors s'affiche sur l'écran à cristaux liquides **M1 TM**

8. Appuyer de deux coups sur la touche "EXIT" pour revenir à la page TV.

Appuyer une fois sur la touche **VCR** pour choisir la page VCR

LCD:



9. Appuyer à peu près 5 seconde sur la touche "SET" pour entrer dans le mode réglé.

10. Appuyer sur la touche "▶" ou "◀" pour choisir le mode **MACRO** sur l'écran à cristaux liquides.

MACRO

11. Appuyer sur la touche "SELECT" et puis sur la touche "▲" du menu et il y a l'affichage sur l'écran à cristaux liquides

M1 03

12. Appuyer encore une fois sur la touche "SELECT" et s'affiche sur l'écran à cristaux liquides

M1 02

13. Appuyer sans relâche la touche "POWER" jusqu'à l'apparition de

M1 25 sur l'écran à cristaux liquides et alors s'affiche **M1 03**.

14. Appuyer sans relâche la touche "▶" jusqu'à l'apparition de **M1 25** sur l'écran à cristaux liquides et alors s'affiche **M1 04**

15. Appuyer sur la touche "SET" et s'affiche **M1 TM** sur l'écran à cristaux liquides

16. Donner deux coups sur la touche "EXIT" pour revenir à la interface VCR et le réglage est terminé et on peut commander les opérations suivantes avec la touche "M1": Mise en marche de l'alimentation électrique de TV → Commutation TV/VCR → Mise en marche de l'alimentation électrique de VCR → Lecture (PLAY)

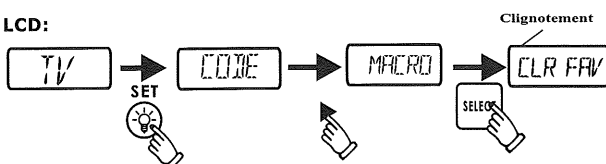
Note : Quand vous avez réglé le Macro il faut le mettre en marche pour l'utilisation normale.

Ex.2. Mettre en fonctionnement automatique à 19 heures 30 minutes les programmes de chaîne 13 diffusés par TV.

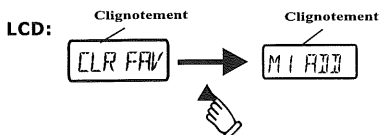
1. Appuyer d'un coup sur la touche **TV** pour le basculement à l'interface de TV.

TV


2. Appuyer 5 secondes environ sur la touche "SET" pour entrer dans le sous-menu et ensuite sur la touche "▶" ou "◀" pour régler le menu à **MACRO** et enfin sur la touche "SELECT"

LCD:

3. Appuyer coup par coup sur la touche fonctionnelle “ ▲ ” du menu.




4. Appuyer encore une fois sur la touche “ SELECT ” et s'affichera **M1 00** sur l'écran à cristaux liquides
(Si l'affichage n'est pas de M1-00, appuyer sur la touche Équipement pour le réglage.)

5. Appuyer sur la touche “  ” sans relâche jusqu'à l'apparition de **M1 25** et sur l'écran à cristaux liquides s'affichera **M1 01**.

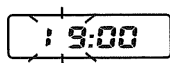
6. Appuyer sur la touche “ **ENTER** ” sans relâche jusqu'à l'apparition de **M1 25** et sur l'écran à cristaux liquides s'affichera **M1 02**.

7. Appuyer sur la touche “ **1** ” sans relâche jusqu'à l'apparition de **M1 25** et sur l'écran à cristaux liquides s'affichera **M1 03**.

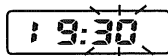
8. Appuyer sur la touche “ **3** ” sans relâche jusqu'à l'apparition de **M1 25** et sur l'écran à cristaux liquides s'affichera **M1 04**.

9. Appuyer sur la touche “  ” et **M1 TM** s'affichera sur l'écran à cristaux liquides.

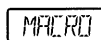
10. Appuyer sur la touche fonctionnelle “ ▲ ” ou “ ▼ ” pour régler l'horloge.



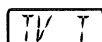
11. Appuyer sur la touche fonctionnelle “ ◀ ” ou “ ▶ ” pour régler l'heure et la minute :



12. Appuyer sur la touche “ **SELECT** ” et le réglage est terminé.

LCD:

13. Appuyer sur la touche “ **EXIT** ” pour revenir à la interface TV.

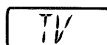
LCD:

14. réception de TV, quand il est 19 heures 30 minutes, la télécommande mettra en marche la TV pour diffuser les programmes de la chaîne 13.

6. Fonctions de chaîne de filiation et attachée

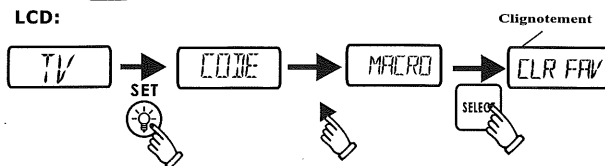
Par exemple, on met les boutons “ 12 ”, “ 1 ”, “ 9 ” pour les chaînes de filiation.

1. Presser le bouton "TV" pour transférer dans l'interface de TV



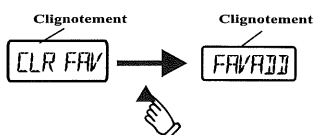
2. Presse le boutons "SET" pour 5 secondes en vue d'entrer dans le sous menu, ensuite le bouton "▶" ou "◀" pour entrer dans le menu MACRO, et enfin le bouton SELECT

LCD:



3. Un par un presser le bouton "▲" dans les boutons de fonction de menu

LCD:



4. presser encore une fois le bouton "SELECT" et il apparaît FAV 00 dans LCD
(Si il n'apparaît pas FAV-00, il faut presser le bouton d'appareil pour ajuster.)

5. Presser "ENTER", il apparaît FAV 05 dans LCD, laisser, il apparaît FAV 01

6. Presser "1", il apparaît FAV 05 dans LCD, laisser, il apparaît FAV 02

7. Presser "2", il apparaît FAV 05 dans LCD, laisser, il apparaît FAV 03

8. ensuite, presser le bouton "KidsCH" pour toucher un son de DI,DI

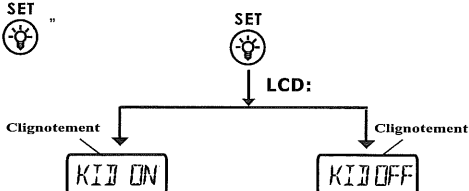
9. Presser "1", il apparaît FAV 05 dans LCD, laisser, Il apparaît FAV 04 dans LCD

10. ensuite, presser "KidsCH" pour toucher un son de Di, Di

11. presser "9", il apparaît FAV 05 dans LCD, laisser, FAV 05 dans LCD

12. presser le bouton "KidsCH" pour toucher un son de Di, Di

13. Presser "SET"



14. presser le bouton "SELECT" pour retourner dans l'interface de **MACRO**, il apparaît KIDS dans LCD, c'est l'ouverture de chaîne de filiation.

14. presser le bouton "SELECT" pour retourner dans l'interface de **MACRO**, c'est l'ouverture de chaîne attachée.

Remarquer :

1. pendant l'installation des chaînes, "KIDSCH" c'est le bouton d'intervalle des chaînes
2. c'est la même façon pour l'installation des chaînes de filiation et des chaînes attachées, mais quelques différents : quand on utilise la chaîne de filiation, la fonction de choisir des chaînes est fermée, on utilise le bouton "KIDSCH" pour le choix des chaînes. Et quand on utilise la chaîne attachée, tous les boutons sont les même comme général

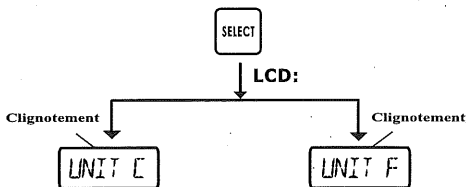
7. La fonction de transférer entre le degré centigrade et degré Fahrenheit

1. presser le bouton "SET" pour 5 secondes pour entrer dans l'interface de sous menu, et ensuite utiliser le bouton "▶" ou "◀" retourner dans le menu "TEMP"

LCD:



2. presser le bouton "SELECT" et ensuite le bouton "▼"



3. presser le bouton "SELECT" pour retourner dans l'interface de **TEMP**, maintenant, il apparaît la température en forme de centigrade dans LCD

3. presser le bouton "SELECT" pour retourner dans l'interface de **TEMP**, maintenant, il apparaît la température en forme de Fahrenheit dans LCD

8. Fonction de transfert de touche et de suppression du transfert de touche.

Cette fonction consiste à transférer la touche fonctionnelle d'un appareil à une touche fonctionnelle d'un autre appareil

Attention

1. Le code du transfert de touche est X999 identique du code d'apprentissage. C'est pourquoi après le transfert de la touche, pour utiliser la fonction de transfert de touche il faut régler le code. Le code de TV est réglé pour 0999, VCR pour 1999, SAT pour 2999, DVD pour 3999, CD pour 4999, CBL pour 5999, AMP pour 6999, XBOX pour 7999, AUX pour 8999, A/C pour 9999, et HTIB pour 099
2. Lors du transfert des touches seulement les codes qui ne sont pas sous X999 peuvent exécuter le transfert de touche.
3. Lors de l'exécution du transfert de touche la télécommande fera remarquer à l'utilisateur le choix de l'appareil. Mais le code à transférer doit être le code actuellement réglé pour cet appareil en question. Si le code actuel est de X999, il ne peut pas exécuter le transfert des touches.

Ex. Transférer les informations de la touche "6" de l'appareil SAT à la touche "7" de VCR et ensuite supprimer cette fonction.

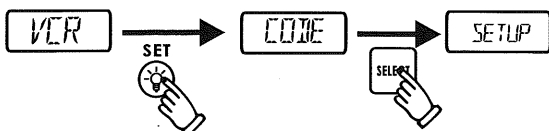
1. Appuyer d'un coup sur la touche **VCR** pour le basculement à l'interface VCR.

LCD:

VCR

2. Appuyer environ 5 secondes sur la touche "SET" pour entrer dans l'état de "CODE" du sous-menu et ensuite appuyer sur la touche "SELECT".

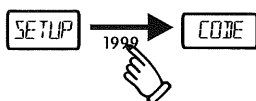
LCD:



3. Entrer le code à 4 chiffres 1999, si c'est correct, on entend un "BI" pour revenir au sous-menu "CODE".



LCD:

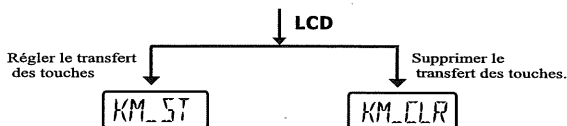


4. Appuyer sur la touche de fonction "►" ou "◄" pour choisir sur l'écran à cristaux liquides **KEYMOV**.

LCD:

KEYMOV

5. Appuyer d'abord sur la touche "SELECT" ensuite sur la touche "▲".



6. Presser d'un coup la touche "SELECT" et s'affiche sur l'écran à cristaux liquides.

SEL DEV → VCR

6. Presser d'un coup la touche "SELECT" et s'affiche sur l'écran à cristaux liquides.

CLRE IK

7. Appuyer sur la touche "▲" et s'affiche sur l'écran à cristaux liquides.

LCD: SAT

7. Appuyer sur la touche déjà transférée que vous voulez supprimer et sur l'écran s'affiche

CLRE IK — Un clignotement
Répéter cette démarche pour supprimer les informations de la touche déjà transférée. Par ex. Touche fonctionnelle 7.


8. Appuyer sur la touche "SELECT" et sur l'écran s'affiche **FR KEY**; Appuyer sur la touche 6 et sur l'écran s'affiche **TO KEY**; appuyer sur la touche 7. répéter cette démarche pour transférer la touche à transférer.

9. Appuyer sur la touche "SET" et sur l'écran s'affiche **KEYMOV**; Appuyer encore une fois sur "EXIT" pour sortir et revenir à la interface VCR.

8. Appuyer sur la touche "SET" et sur l'écran s'affiche **KEYMOV**

9. Appuyer encore une fois sur "EXIT" pour sortir et revenir à l'état d'opération normale.

9. Fonction de signalisation de l'énergie insuffisante

Quand l'énergie est insuffisante, s'affichera sur l'écran de toute interface de la télécommande l'icône de l'énergie insuffisante "  ".



Gracias por utilizar este control remoto, este producto tiene que ser configurado segun el mtodo siguiente antes de controlar sus aparatos electrodomesticos remotamente. Guarde por favor este manual despues de leerlo para la referencia futura.

SINOPSIS DEL PRODUCTO

Este presente telemando es un modelo con una composición de la muestra de cristal líquido y la función del aprendizaje, dentro del telemando, está un gran depósito de signos, a través de una configuración sencilla, ya se puede teledirigir muchos aparatos electrodomésticos, por ejemplo: TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, AUX, y otros equipo de teledirección de rayos ultrarrojos. Cuenta con diversas funciones: el aprendizaje, la memoria permanente, la orden grande, la transmisión de teclas, el reloj, la canal de padres y hijos, la canal de afición, el sonido de tecla, el estado en la sombra, el compartimento de tonos del volumen, el cambio de Celsius y Fahrenheit, la señal de la insuficiencia de la electricidad, la recuperación de la configuración original, etc. Se maneja fácilmente y es muy práctico, es una buena opción para utilizar un solo telemando para todos los electrodomésticos y sustituir el telemando perdido o roto.

Teclas y funciones correspondientes de A/C,TV, VCR,SAT,CBL,CD,DVD,AMP,XBOX,, AUX,HOMETHEATER

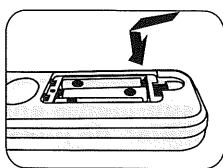
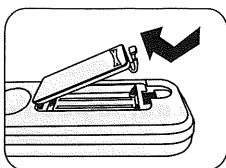
	RM-L988	AC	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
0	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1	ENTER			ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER
2	PREV-CH		Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN
3	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	ON/OFF	POWER	POWER
4	TV/AV		TV/AV	TV/VCR	TV/SAT	A/B	A/B	N/P	INPUT	CLEAR	TV/VCR	TV/VCR
5	DISPLAY		DISPLAY	DISPLAY	/	DISPLAY	DISPLAY	DISPLAY	DISPLAY	DISPLAY	INFO	INFO
6	SLEEP		SLEEP	SLEEP	SLEEP	SLEEP	/	/	/	INFO	SLEEP	SLEEP
7	CH+		CH+	CH+	CH+	CH+	CH+	NEXT	NEXT	CH+	CH+	CH+
8	CH-		CH-	CH-	CH-	CH-	CH-	LAST	LAST	CH-	CH-	CH-
9	NICAM		ADD/DELETE	ADD/DELETE	RADIO	ADD/DELETE	REPEAT	REPEAT	REPEAT	X	CC	CC
10	VOL+		VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+
11	VOL-		VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-
12	MUTE		MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE
13	PIP		PIP	/	VIEW	FAV	RANDOM	DISKA/B	RANDOM/SURROUND	START	PIP	PIP
14	MOVE		MOVE	/	/	/	/	/	/	ENT	CHAP+	CHAP+
15	SWAP		SWAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE
16	AUDIO		AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE
17	EXIT	FAN	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT
18	MENU	MODE	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
19	UP	Temp+	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP	UP
20	DOWN	Temp-	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN	DOWN
21	RIGHT	M. SWING	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT	RIGHT
22	LEFT	A. WING	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	LEFT	LEFT	LEFT
23	SELECT		SELECT	SELECT	SELECT	SELECT	SELECT/DISK	OK/CHAPTER	DISK	OK	OK	OK
24	REW		REW	REW	REW	REW	REW	REW	REW	REW	REW	REW
25	PLAY		PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY
26	F.F		F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F
27	RECORD		RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD
28	STOP		STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP
29	PAUSE		PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE

Observe por favor los siguientes antes de utilizar este control remoto:

- Este presente telemando tiene 54 teclas, entre todas, 39 teclas son teclas de función, y 15 teclas son teclas no de función.
- Al servir a VCR, DVD, CD, usted debe presionar la tecla por 2 segundos aproximadamente antes de que se envíe el código.
- Después de encender la función de aprendizaje de este control remoto, el Reloj va a parar; y usted tiene que reajustar el Reloj después de cumplir la función de aprendizaje.
- Teclas de aprendizaje: al servir a A/C, siete teclas de se pueden utilizar para el aprendizaje. Al servir a otros equipos, todas las teclas de función se pueden utilizar para el aprendizaje.
- Las mismas teclas del código de transferencia de tecla y del código de aprendizaje deben ser puestos en el mismo almacén al servir al mismo equipo, de modo que los códigos se cubran. Al servir al mismo equipo, la misma tecla no puede almacenar el código de Aprendizaje y el código de transferencia de tecla al mismo tiempo.
- Durante el uso del menú, si usted no presione ninguna tecla durante 2~3 minutos, el sistema se retirará del menú. Si usted no presiona ninguna tecla durante 5~6 minutos, el LCD va a apagar.

● INSTALACIÓN DE LAS BATERÍAS

Abra la cubierta de las baterías, ponga tres baterías nuevas tipo AAA (No. 7) según el símbolo de "+/-" en el compartimiento de batería. Véase las imágenes.



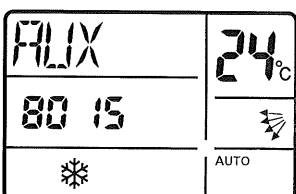
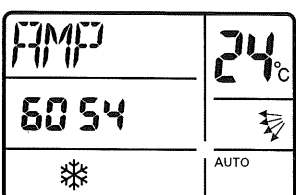
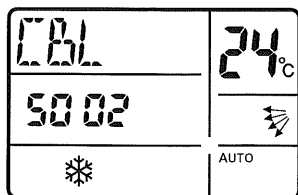
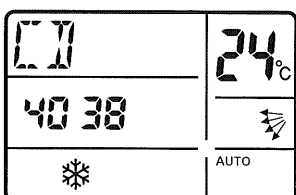
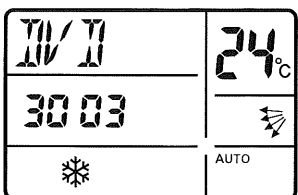
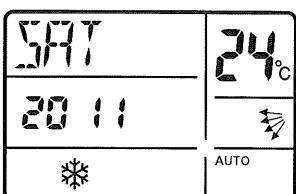
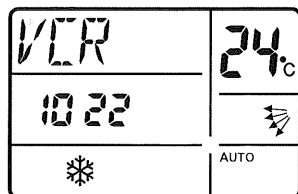
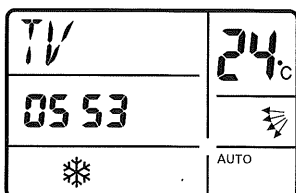
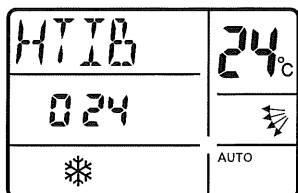
INDICACIONES NECESARIAS

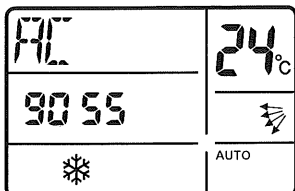


1. Nunca use las baterías viejas y nuevas a la vez como tampoco mezcle diversos tipos de baterías
2. Si las baterías se mojan, debe retirarlas, limpiar su compartimiento y poner baterías nuevas
3. Si no va a usar el Control Remoto durante largo tiempo, retire las baterías

● 11 tipos de interfaces operacionales

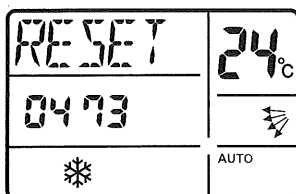
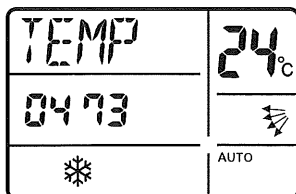
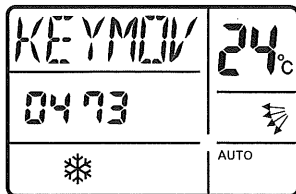
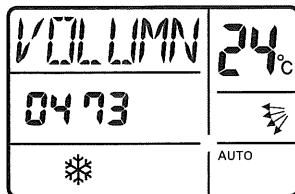
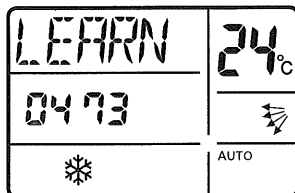
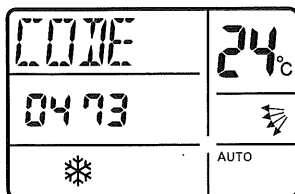
Este presente telemando cuenta con 11 modos distintos del manejo para el equipo: HTIB, TV, VCR, SAT, DVD, CD, CBL, AMP, Xbox, AUX, A/C. Se puede presionar la tecla de "equipos respectivos" para la transmisión.





10 sub-menús entre los cuales usted puede cambiar de puesto

Mantenga presionada la tecla de "SET" durante 5 segundos aproximadamente para entrar al estado de configuración de sub-menú. Tiene totalmente 10 sub-menús, presiona "▶" o "◀" para cambiar de puesto entre estos sub-menús.



CONFIGURACION DEL CONTROL REMOTO

Hay tres formas de configurar este Control Remoto (A, B, C). Por favor escoja una de ellas para operarlo.

Alcance de códigos: TV 0000~0874 VCR 1000~1276

SAT 2000~2392 DVD 3000~3724 CD 4000~4276 CBL 5000~5266

AMP 6000~6161 XBOX 7000 AUX 8000~8165 A/C 9000~9337 HTIB 000~033

A. FORMA DE INTRODUCIR EL CÓDIGO

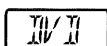
Busque en la "lista del código" la marca de equipo que desea controlar remotamente y configure los códigos desde el primer código de esta marca, hasta que encuentre el código más adecuado para su aparato electrodoméstico. Si ninguno de los códigos hace funcionar normalmente al Control Remoto (o si su equipo no está incluido en esta lista), trate la forma B o C.

1. Encienda manualmente el aparato electrodoméstico que usted desea controlar, Busque en la "lista del código" el primer código del aparato electrodoméstico que desea controlar remotamente.

Por ejemplo: la marca de su **DVD** es **SONY**, el primer grupo de código es **3036**

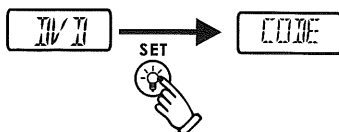
2. Pulse el botón **DVD** una vez para entrar en el interfaz de DVD.

LCD:



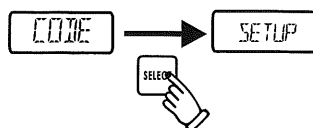
3. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla, hasta que entre al estado de "CODE" de sub-menú

LCD:

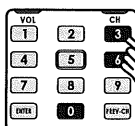


4. Presione la tecla **SELECT** para entrar al estado de configuración

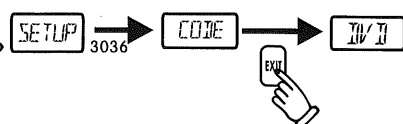
LCD:



5. Poner el signo de cuatro números 3036. Si se pone correctamente, se volverá al submenú "CODE" con un sonido de "BI", se presiona "EXIT" para salir y guardar la configuración. Se examina las otras teclas si funcionan bien (excepto SET, Equipos, KidsCH, M1 y M2), si funciona bien, la configuración termina, si no, se repite los pasos 4 y 5 (si se pone incorrectamente el signo de números, habrá un sonido de "BI-BI-BI-BI, hay que volver a ponerlo).

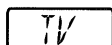


LCD:



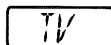
B. FORMA DE LA BÚSQUEDA MANUAL DEL CÓDIGO

1. Encienda manualmente el aparato electrodoméstico que usted desea controlar (Por ejemplo :TV ,VCR etcétera) y apunte el control remoto al aparato electrodoméstico encendido .Por ejemplo :Configurar TV.



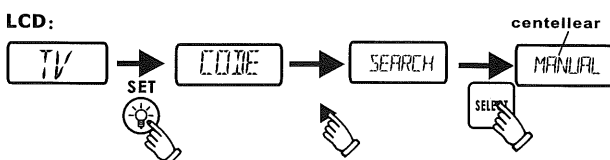
2. Pulse el botón **TV** una vez para entrar en el interfaz de "TV"

LCD:

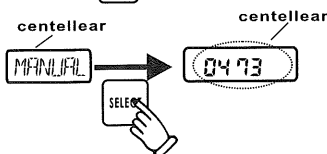


3. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla, hasta que entre al estado de "CODE" de sub-menú ,luego presione la tecla "►" para visualizar "SEARCH", y presione la tecla "SELECT", "MANUAL" va a centellar.

LCD:

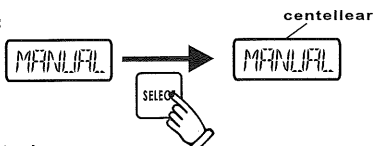


- 4、Presione la tecla de "SELECT" una vez, "Código" va a centelleo.



- 5、Apunte la TV y presione la tecla "▲" y suéltelo, hasta que la TV muestre "Símbolo del volumen", presione la tecla "SELECT" para volver al estado de "MANUAL".

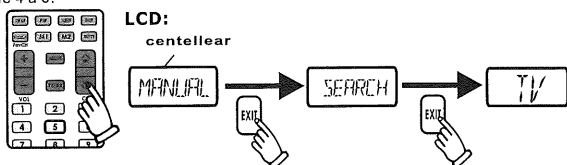
LCD:



Comentario :

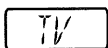
Salvo que el A/C (acondicionador) muestre el estado de Encender, todos otros aparatos electrodomésticos se muestran "Símbolo del volumen". Por lo tanto, al hacer las configuraciones, debe encender la energía del A/C (acondicionador), y haga que permanece en el estado de espera. Otros aparatos electrodomésticos permanecerán en el estado de juego normal.

6. Se examina si funcionan bien las otras teclas, (excepto "▲", "▼", salir, SET, Equipos, KidsCH, M1, M2, SELECT), si funcionan bien, se presiona una vez "salir" para volver al menú de "SEARCH", y luego se presiona "EXIT" una vez para salir, y la configuración termina. Si no funcionan bien, se repite los pasos de 4 a 6.



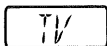
C. FORMA DE LA BÚSQUEDA DEL CÓDIGO AUTOMÁTICO TOTALMENTE

- 1、Encienda manualmente el aparato electrodoméstico que usted desea controlar (Por ejemplo :TV, VCR etcétera) y apunte el control remoto al aparato electrodoméstico encendido. Por ejemplo : Configurar TV.

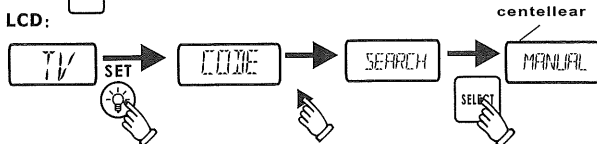


- 2、Pulse el botón TV una vez para entrar en el interfaz de "TV"

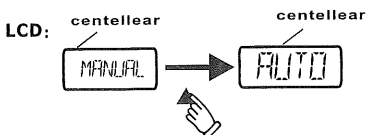
LCD:



- 3、Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla, hasta que entre al estado de "CODE" de sub-menú, luego presione la tecla "▶" para visualizar "SEARCH", y presione la tecla "SELECT", "MANUAL" va a centelleo.



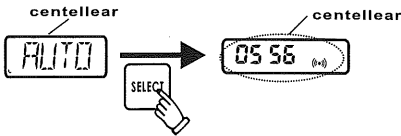
- 4、Presione la tecla de "▲" una vez, visualizará "AUTO"



5. Presione la tecla de "SELECT", entrará al estado de búsqueda automática totalmente.

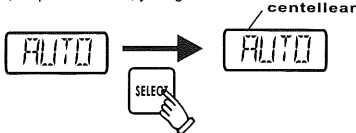
Nota: presione la tecla "▲" para mover al código anterior
presione la tecla "▼" para mover al código siguiente

LCD:

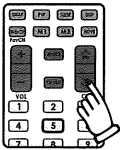


6. Cuando se apaga el equipo electrodoméstico, inmediatamente se presiona "SELECT" y así se bloquea el signo de números de este electrodoméstico.
(Notas: TV, SAT, CBL, AMP, Xbox, HOME THEATER presentan el fenómeno de apagado, A/C (aire condicional) presenta el fenómeno de abierto. VCR, DVD, CD, AUX presentan el fenómeno de emitido, si VCR, DVD, CD, AUX emiten automáticamente, se para a mano, y luego estará en el estado de espera.)

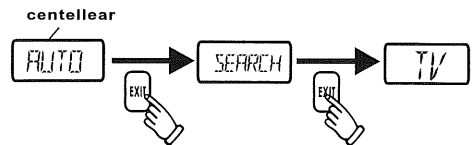
LCD:



7. Se examina si funcionan bien las otras teclas, (excepto "▲", "▼", salir, SET, Equipos, KidsCH, M1, M2, SELECT), si funcionan bien, se presiona una vez "salir" para volver al menú de "SEARCH", y luego se presiona "EXIT" una vez para salir, y la configuración termina. Si no funcionan bien, se repite los pasos de 5 a 7.



LCD:



Función de aprendizaje

En cualquier página del telemando, se puede aprender el telemando de los electrodomésticos con función de teledirección de rayos ultrarrojos. Por ejemplo: TV, VCR, A/C, etc., cuando se configura cierta página en el telemando (excepto SET, Equipos, KidsCH, M1 y M2), otras teclas todas tienen la función del aprendizaje.
(Notas: Este telemando puede aprender 244 teclas como máximo, si no hay suficiente espacio para el aprendizaje, se mostrará con un sonido.)

1. **TV**

Se presiona una vez "SELECT", y luego se cambia al modo del electrodoméstico que quieres aprender.

(Por ejemplo: se configura TV. Entonces se presiona "TV" y se cambia para el modo de "TV")

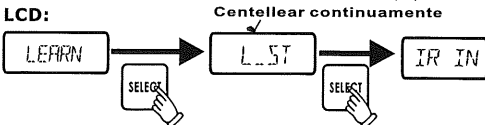
2. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla, hasta que entre al estado de "CODE" de sub-menú, luego presione la tecla "▶" para entrar al estado de "LEARN".

LCD:

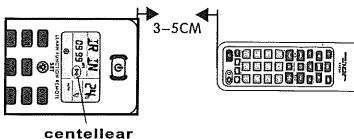


3. Presione la tecla "SELECT", "LST" va a centellear, luego presione la tecla "SELECT" para entrar al estado de aprendizaje, "IR IN" va a centellear.

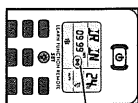
LCD:



4. Se apunta horizontalmente la dirección de emisor del telemando aprendido contra la ventanilla de signos del presente telemando. (con una distancia de 3-5 cm)



- 5、Presione una tecla de función de control remoto de destino para enviar un código, hasta que "((•))" deje de centellear y suelte la tecla, eso significa que la instrucción del código enviado de esta tecla se ha sido aprendido.



Dejar de centellear



LCD:

IR IN

KEY IN

((•)) centellear → ((•)) Dejar de centellear

- 6、Pulse el botón correspondiente que desea aprender sobre el panel de control remoto, "((•))" se destella de nuevo, en ese momento, otros botones del control remoto aprendido han sido aprendidos en este botón por el presente control remoto, de la misma manera aprende otros botones, al final pulse el botón "SET" para salir del estado de aprendizaje, pulse el botón de "salir" otra vez para volver al interfaz de "TV".

LCD:

KEY IN

IR IN

LEARN

TV

((•)) Dejar de centellear → ((•)) centellear

Comentario :**Eliminar el contenido de aprendizaje****Por ejemplo :****Eliminar la interfaz de TV de aprendizaje.**

Presione la tecla "SELECT" para mover a la interfaz de TV → Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla, hasta que entre al estado de Configuración → Presione la tecla "▶" para mover al estado de "LEARN" → Presione la tecla "◀" para entrar → presione "▲" para mover al estado de "CLEAR" → Presione la tecla "◀" para entrar al estado de "CLEAR" → Presione una vez la tecla aprendida que desea eliminar, CLEAR el "K" en va a centellear, significando que elimina esta tecla, hagalo muchas veces repetidamente, se puede eliminar las informaciones de tecla que usted desea eliminar → Presione la tecla "SET" para salir y volver al menú "LEARN", presione la tecla "EXIT" otra vez para volver a la interfaz de TV.

● Otras funciones**1. reloj y Restauración de los configuraciones de fábrica**

Bajo TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, AUX estas 11 páginas, se puede efectuar el siguiente manejo.

- 1、Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla para entrar al modo de Configuración.

Función de reloj

- 2、Presione la tecla de función "▶" o "◀" en el menú, y eleja el modo de "CLOCK" en la pantalla.

CLOCK

- 3、Presione la tecla "SELECT" una vez, luego presione la tecla de función "▲" o "▼" en el menú para configurar el reloj.

13:30

- 4、Presione la tecla de función "◀" o "▶" en el menú para convertirse entre la hora y el minuto.

23:31

- 5、Presione la tecla de "SELECT" una vez para terminar la configuración.

23:31

- 6、Presione la tecla "EXIT" una vez para volver al modo normal.




Función de Restauración de los configuraciones de fábrica

- 2、Presione la tecla de función "▶" o "◀" en el menú, y eleja el modo de "RESET" en la pantalla.



RESET

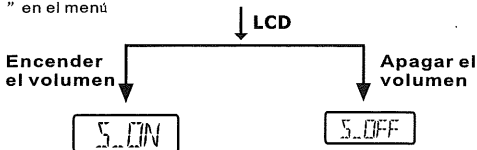
- 3、Presione la tecla "SELECT", oirá un pitido "BI" y el control remoto va al estado de restauración de los configuraciones de fábrica después de un pitido.



2. Función de configuración de zumbido de tecla encendido/apagado

- 1、Presione la tecla "  " durante 5 segundos aproximadamente sin soltarla para entrar al modo de Configuración.
- 2、Presione la tecla de función "  " o "  " en el menú , y eleja el modo en la pantalla.



- 3、Presione la tecla "  " una vez ,luego presione la tecla de función "  " en el menú




- 4、Presione "  " una vez para encender el volumen luego presione la tecla de " **EXIT** " para volver al modo original.
- 4、Presione "  " una vez para cancelar el volumen luego presione la tecla de " **EXIT** " para volver al modo original.

3. Función de compartir el volumen

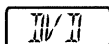
Después de la configuración de esta función, se puede controlar el volumen de Tv, VCR, SAT, CBL, Xbox, HOME THEATER, DVD, CD, AMP, AUX estos diez equipos con el volumen de TV,


NOTA: La página de A/C (acondicionador) no tiene tal función.

Por ejemplo : DVD

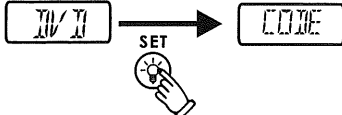
- 1、Pulse el botón  una vez para entrar en el interfaz de DVD.



LCD:



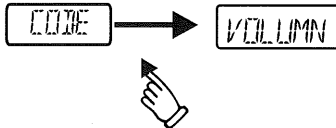
- 2、Presione la tecla "  " durante **5** segundos aproximadamente sin soltarla para entrar al modo de Configuración.




LCD:

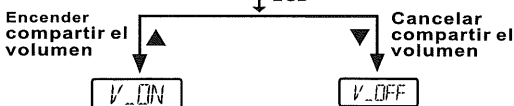




- 3、Presione la tecla de función "  " o "  " en el menú ,y eleja el modo en la pantalla.

LCD:





- 4、Presione la tecla "  " una vez ,luego presione la tecla de función "  " o "  " en el menú



- 5、Presione "  " una vez para encender compartir el volumen luego presione la tecla de " **EXIT** " para volver al modo original.
- 5、Presione "  " una vez para cancelar compartir el volumen luego presione la tecla de " **EXIT** " para volver al modo original.

4. Función de control de luz de fondo

Presione la tecla de "  " una vez para entrar al modo de luz de fondo, luego presione la tecla "  " otra vez para cancelar el modo de luz de fondo.



5. Función de macroinstrucción

Este presente telemando tiene dos teclas de multifunciones: M1 y M2, cada tecla de multifunciones puede guardar 21 signos de tecla, utilizando esta función, se puede combinar el control de unas teclas permanentes y unas teclas de normas a una sola tecla, después de la configuración, si se presiona una vez la tecla de multifunciones que se ha configurado antes, este telemando transmitirá por orden los signos de control de las teclas según la configuración anterior, así se puede simplificar el manejo.







Función de emitir las informaciones regularmente:

puedes encender su aparato electrodoméstico en un rato preestablecido, para evitarse de perder su programa preferido.


NOTA:


1. La función de la macroinstrucción será utilizada cuando este control remoto puede controlar los aparatos electrodomésticos.
2. La tecla de macroinstrucción no es afiliada a ningún aparato electrodoméstico. Por lo tanto, cuando presiona la tecla de macroinstrucción de cualquier aparato electrodoméstico (cuando la tecla de función de macroinstrucción funciona normalmente), el mismo código de instrucción será enviado.
3. Cuando se empieza el temporizador, la pantalla del cristal líquido presentará MTX y X, que significan número 1 y 2.
4. Al añadir una macroinstrucción, la instrucción añadida está debajo del código actual del aparato electrodoméstico actual. Una vez que esté añadida con éxito, la instrucción no tenga nada hacer con el código configurado por el aparato electrodoméstico.






NOTA:

- El LCD visualiza  , significando borrar el contenido de la tecla **M1**, presione la tecla "  " para confirmar, y presione "  " para salir.
- El LCD visualiza  , significando borrar el contenido de la tecla **M2**, presione la tecla "  " para confirmar, y presione "  " para salir.

El cristal líquido presenta  , que significa añadir órdenes en M1;

El cristal líquido presenta  , que significa añadir órdenes en M2;

- Pulse el botón de equipo para suprimir la directiva pasada, y pulse "  " para salir del estado de agregar la directiva.


-  "  " significa que el número de instrucciones en la tecla de macroinstrucción M1, puede almacenar un máximo de **21** instrucciones
-  puede visualizar el tiempo de emisión de código de la tecla de macroinstrucción en la zona de visualización de hora, el dígito de la hora centellea, esperando el usuario para configurar el tiempo de emisión de código.
-  "  " significa que el intervalo de tiempo de emisión entre esta instrucción y próxima instrucción es **X** segundos aproximadamente.

A. Macro Configuración

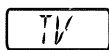
Ejemplo 1 .




Pasos de operaciones: **Encienda la energía de TV → Conviertase TV/VCR → Encienda la energía de VCR → Comience a jugar (PLAY), utilice una tecla de función múltiples "M1" para controlar.**

El método de configuración según los siguientes:

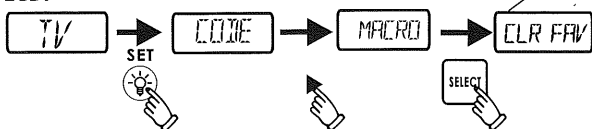
1. Pulse el botón  una vez para entrar en el interfaz de "TV"

LCD:



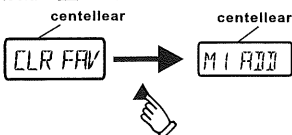
2. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla para entrar al modo de sub-menú, luego presione la tecla "  " o "  " para mover al "MACRO", luego presione la tecla "  ".



LCD:



3. Presionar una vez la tecla "  " en el menú de teclas de función,



LCD:





4. Presione la tecla "  " una vez ,visualiza en la pantalla 

(Si no visualiza M1-00, pulse el botón de equipo para ajustar)





5. Presione la tecla "  " sin soltarlo hasta que visualice  , suelte la tecla ,va a visualizar



6. Presione la tecla "  " sin soltarlo hasta que visualice  , suelte la tecla ,va a visualizar




7. Presione la tecla "  " ,va a visualizar  en la pantalla



8. Pulse el botón "  " dos veces para volver al interfaz de TV y pulse el botón  una vez para elegir la página de VCR;

LCD:







9. Presione la tecla "  " durante 5 segundos aproximadamente sin soltarla para entrar al modo de configuración .

10. Presione la tecla de función "  " o "  " en el menú ,y eleja el modo  en la pantalla.




11. Presione la tecla "  " ,luego presione la tecla "  " en la tecla de función del menú ,visualizalo en la pantalla.






12. Presione la tecla "  " otra vez ,la pantalla va a visualizar. 

13. Presione la tecla "  " sin soltarlo hasta que visualice  ,suelte la tecla ,va a visualizar




14. Presione la tecla "  " (tecla de Jugar) sin soltarlo hasta que visualice  , suelte la tecla ,va a visualizar 

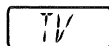
15. Presione la tecla "  " una vez ,va a visualizar  en la pantalla.




16. Presione la tecla "  " dos veces para volver a la página de **VCR** ,y termine la configuración .A saber, usted puede utilizar la tecla de funcion múltiples M1 para los pasos de control:

Encienda la energía de TV → Conviertase TV/VCR → Encienda la energía de VCR → Comience a jugar (PLAY),

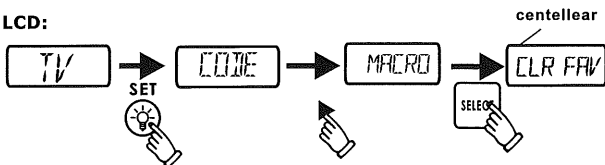
Ejemplo 2 , Enciende automáticamente la TV Para jugar el programa en el canal 13 en 19:30

1. Pulse el botón  una vez para entrar en el interfaz de "TV"

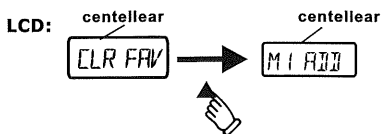


2. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla para entrar al modo de sub-menú ,luego presione la tecla "  " o "  " para mover al "MACRO" , luego presione la tecla "  " .


LCD:



3. Presione la tecla de función " ▲ " nuevamente en el menú




4. Presione la tecla " SELECT " otra vez ,visualiza en la pantalla M1 00
(Si no visualiza M1-00, pulse el botón de equipo para ajustar)

5. Presione la tecla "  " sin soltarlo hasta que visualice, M1 25 , suelte la tecla , va a visualizar M1 01

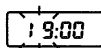
6. Presione la tecla " ENTER " sin soltarlo hasta que visualice M1 25 , suelte la tecla , va a visualizar M1 02

7. Presione la tecla " 1 " sin soltarlo hasta que visualice M1 25 , suelte la tecla , va a visualizar M1 03

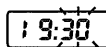
8. Presione la tecla " 3 " sin soltarlo hasta que visualice M1 25 , suelte la tecla , va a visualizar M1 04

9. Presione la tecla "  " ,va a visualizar M1 TM

10. Presione la tecla de función " ▲ " o " ▼ " en el menú para configurar el reloj



11. Presione la tecla de función " ◀ " o " ▶ " en el menú para convertir entre la hora y el minuto.



12. Presione la tecla " SELECT " para terminar la configuración.

LCD:

MACRO

13. Presione la tecla " EXIT " para volver a la página de TV.

LCD:

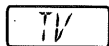
TV 1

14. Apunte el extremo de emisión del control remoto al extremo de recepción de TV. Cuando es 19:30, el control remoto encenderá la TV, y jugará el programa en el canal 13.

6. Función de la canal de padres e hijos y la canal de afición

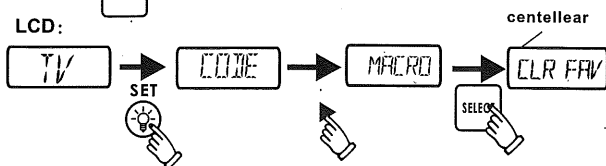
Por ejemplo: se configura las teclas " 12 " , " 1 " , " 9 " como canales de padres e hijos.

1. Se presiona una vez la tecla de "TV", y se cambia para el modo de "TV".



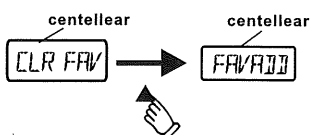
2. Se presiona la tecla de "SET" durante 5 segundos más o menos, y luego se entra en el estado de menú, y luego se presiona las teclas de "▶" o "◀" para cambiar el menú a "MACRO", y después de este paso, se presiona la tecla de "SELECT".

LCD:



3. Se presiona una y otra vez la tecla de "▲" en las teclas de función del menú,

LCD:



4. Luego se presiona una vez más la tecla de "SELECT", y el cristal líquido presenta FAV 00

(Si no presente FAV-00, se presiona la tecla de "Equipos" para ajustar.

5. Se presiona una vez "ENTER" y el cristal líquido presenta FAV 05, se desapareta y el cristal líquido presenta FAV 01

6. Se presiona una vez "1" y el cristal líquido presenta FAV 05, se desapareta y el cristal líquido presenta FAV 02

7. Se presiona una vez "2" y el cristal líquido presenta FAV 05, se desapareta y el cristal líquido presenta FAV 03

8. Luego se vuelve a presionar "KidsCH", y habrá sonidos de "Didi"

9. Se presiona similarmente una vez "1" y el cristal líquido presenta FAV 05, se desapareta y el cristal líquido presenta FAV 04

10. Luego se vuelve a presionar "KidsCH", y habrá sonidos de "Didi"

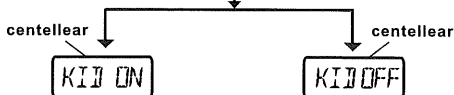
11. Se presiona similarmente una vez "9" y el cristal líquido presenta FAV 05, se desapareta y el cristal líquido presenta FAV 05

12. Luego se vuelve a presionar "KidsCH", y habrá sonidos de "Didi"

13. Se presiona una vez "SET"



LCD:



14. Se presiona una vez la tecla de "SELECT" para volver al modo de "MACRO", en la pantalla se presenta KIDS, y se empieza la canal de padres e hijos.

14. Se presiona una vez la tecla de "SELECT" para volver al modo de "MACRO", y se empieza la canal de afición.

Notas:

1. En el momento de la configuración de canales, "KIDSCH" es la tecla de distancia de canales.
2. La forma de configuración de la canal de afición es la misma que la de padres e hijos, la diferencia consiste en: cuando se utiliza la canal de padres e hijos, la tecla de opción de canales será bloqueada, y hay que utilizar la tecla de "KIDSCH" para elegir canales. Cuando se utiliza la canal de afición, todas las teclas se utiliza como siempre.

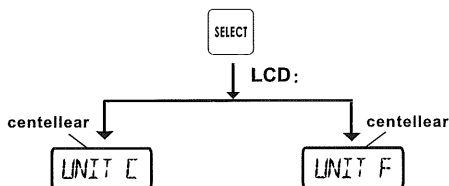
7. Función del cambio de temperatura de Celsius y Fahrenheit.

1. Se presiona la tecla de "SET" durante 5 segundos, y luego se entra en el estado del menú, y se presiona la tecla "▶" o "◀" para cambiar el menú a "TEMP".

LCD:



2. Se presiona la tecla de "SELECT" y luego "▼".



3. Se presiona una vez la tecla de "SELECT" para volver al modo de "TEMP", en ese momento, la temperatura presentará de la forma de Celsius.

3. Se presiona una vez la tecla de "SELECT" para volver al modo de "TEMP", en ese momento, la temperatura presentará de la forma de Fahrenheit.

8. Configurar la función de transferencia de tecla y cancelar la función de la transferencia de tecla

Transferir la tecla de funcion de un equipo a la tecla de funcion de otro equipo.

NOTA:

1. Tanto el código de transferencia de tecla como el código de aprendizaje son X999. por lo tanto, si quiere utilizar la función de transferencia de tecla después de transferir la tecla, tiene que configurar un código. El código de TV configurado es 0999; El código de VCR configurado es 1999, el código de SAT configurado es 2999, el código de DVD configurado es 3999, el código de CD configurado es 4999, el código de CBL configurado es 5999, el código de AMP configurado es 6999, el código de XBOX configurado es 7999, el código de AUX configurado es 8999, el código de A/C configurado es 9999, el código de HTIB configurado es 099.
2. Cuando transferir la tecla, no utilice el código X999.
3. Cuando transferir la tecla, recordarán al usuario elegir un equipo. Pero el código que se transferirá será el código configurado actualmente. Si el código actual es X999, no puede realizar la transferencia de tecla.

Por ejemplo :

transfiere la información de la tecla "6" en SAT a la tecla "7" en VCR, luego cancele esta función.

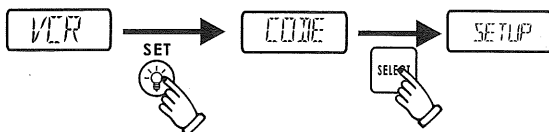
1. Pulse el botón **VCR** para entrar en el interfaz de VCR.

LCD:

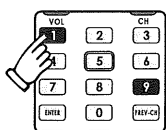
VCR

2. Presione la tecla "SET" durante 5 segundos aproximadamente sin soltarla para entrar al modo "CODE" de sub-menú, luego presione la tecla "SELECT"

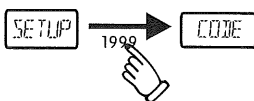
LCD:



3. Entre un código de cuatro números 1999. Si entra el código correcto, oír un pitido "BI" y el sistema volverá al sub-menú de "CODE"



LCD:

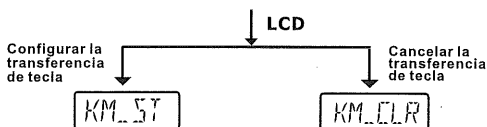


4. Presione la tecla de función "▶" o "◀" en el menú y eleja el modo **KEYMOV** en la pantalla.

LCD:

KEYMOV

5. Presione la tecla "SELECT", luego presione "▲"



6. Presione la tecla "SELECT" una vez, visualiza en la pantalla

SEL DEV → VCR

6. Presione la tecla "SELECT" una vez, visualiza en la pantalla

CLRETK

7. Presione la tecla de función "▲" en el menú, visualiza en la pantalla.

LCD: SAT

7. Presione la tecla transferida que desea eliminar, visualiza en la pantalla

CLRETK — Centellear una vez

8. Presione la tecla "SELECT", visualiza **FR KEY** en la pantalla, **Presione la tecla de función 6**, visualiza **TO KEY** en la pantalla, **presione la tecla función 7**, repite los pasos para **transferir** las teclas que desea transferir.

Repita este paso para **eliminar** las informaciones de tecla transferida. Por ejemplo: la tecla de función 7

8. Presione la tecla "SET", visualiza en la pantalla

KEYMOV

9. Presione la tecla **SET** (light bulb icon), visualiza **KEYMOV**, presione **EXIT** para salir y volver a la página de VCR.

9. Presione "EXIT" para salir y volver al modo de operación normal.

9. Función de aviso de baja energía

Si tiene poca energía, va a visualizar el símbolo " " de baja energía en la pantalla de cualquier interfaz de control remoto.



Obrigado para usar esse controle remoto. Esse produto tem que ser programado nos métodos seguintes antes de poder controlar seus eletrodomésticos à distância. Depois de ler o manual cuidadosamente, deve guardá-lo para as referências no futuro.









● O Perfil do Produto

Este controle remoto é um modelo versátil com tela cristalizada, função de estudo e aprendizagem e um banco grande de códigos. Através das instalações simples, pode ser aplicado a vários aparelhos eletrodomésticos como TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, AUX, entre outros com controle infravermelho. É um controle de multi-funções como estudo e aprendizagem, memória permanente, macro-comando, desvio de funções das teclas, despertador, canais pai-filho, canais favoritos, sons de pressão das teclas, luz do fundo, compartilhamento de sons, desvio entre graus celsius e fahrenheit, alarme de escassez da energia, recuperação das instalações originais etc. Com instalações simples, ele atende várias necessidades de controle remoto de utensílios domésticos, ao mesmo tempo, é uma substituição ideal no caso de perda e avaria do controle remoto que está usando.

● Os botões de A/C,TV,VCR,SAT,CBL,CD,DVD,AMP,XBOX,AUX,HOMETHEATER com suas funções adequadas

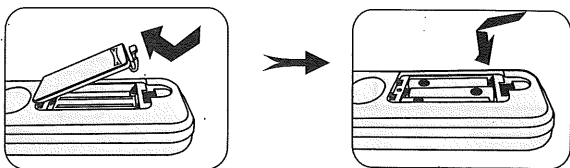
	RW-L988	A/C	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
0	0-9		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1	ENTER			ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER
2	PREV-CH		Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN
3	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	ON/OFF	POWER	POWER
4	TV/AV		TV/AV	TV/VCR	TV/SAT	A/B	A/B	N/P	INPUT	CLEAR	TV/VCR	TV/VCR
5	DISPLAY		DISPLAY	DISPLAY	/	DISPLAY	DISPLAY	DISPLAY	DISPLAY	DISPLAY	INFO	INFO
6	SLEEP		SLEEP	SLEEP	SLEEP	SLEEP	/	/	/	INFO	SLEEP	SLEEP
7	CH+		CH+	CH+	CH+	CH+	CH+	NEXT	NEXT	CH+	CH+	CH+
8	CH-		CH-	CH-	CH-	CH-	CH-	LAST	LAST	CH-	CH-	CH-
9	NICAM		ADD/DELETE	ADD/DELETE	RADIO	ADD/DELETE	REPEAT	REPEAT	REPEAT	X	CC	CC
10	VOL+		VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+
11	VOL-		VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-
12	MUTE		MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE
13	PIP		PIP	/	VIEW	FAY	RANDOM	DISKA/B	RANDOM/SURROUND	START	PIP	PIP
14	MOVE		MOVE	/	/	/	/	/	/	ENT	CHAP+	CHAP+
15	SWAP		SWAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE
16	AUDIO		AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE
17	EXIT	FAN	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT
18	MENU	MODE	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
19	UP	Temp+	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP	UP
20	DOWN	Temp-	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN	DOWN
21	RIGHT	M. SWING	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT	RIGHT
22	LEFT	A. WING	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	LEFT	LEFT	LEFT
23	SELECT		SELECT	SELECT	SELECT	SELECT	SELECT/DISK	OK/CHAPTER	DISK	OK	OK	OK
24	REW		REW	REW	REW	REW	REW	REW	REW	REW	REW	REW
25	PLAY		PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY	PLAY
26	F.F		F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F	F.F
27	RECORD		RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD
28	STOP		STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP
29	PAUSE		PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE

● Anota os seguintes antes de usar esse controle remoto:

1. O controle remote possui 54 teclas, incluindo 39 de função e 15 de não-função.
2. Quando usa o tocador de **VCR** ou DVD ou CD, deve apertar o botão  para mais ou menos 2 segundos antes de que o código seria mandado.
3. Depois que liga a função de Instrução deste controle, o "Clock" vai parar de funcionar, e deve se reajustar o "Clock" depois de executar a função de Instrução.
4. Botões de Instruções: Quando usar para A/C, sete botões poderia ser usado para aprender        Quando usar para outros aparelhos, todos os botões de função poderiam ser usado para aprender.
5. Para usar o código de Instrução e o código de Transferência, cuidado de guardar o mesmo botão na mesma area de armazenagem quando controle o mesmo aparelho, então os códigos vão cobrir um au outro. Quando usa para o mesmo aparelho, o mesmo botão não pode guardar o código de Instrução e o código do Botão de Transferência ao mesmo tempo.
6. Durante uso do menu, se não aperta qualquer botão dentro de 2-3 minutos, a sistema vai retirar do menu. Se não aperta qualquer botão dentro de 5-6 minutos, o LCD vai desligar.

● Instala as pilhas

Abri a tampa de pilha, observando o aviso de +/- dentro de compartamento de pilha, coloca novas pilhas AAA como no desenho:



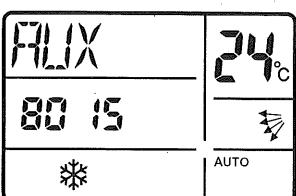
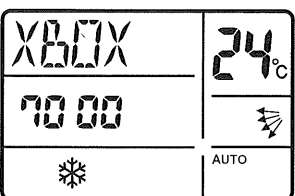
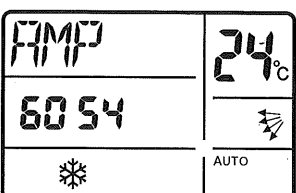
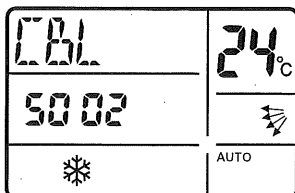
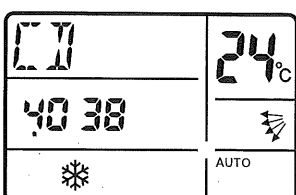
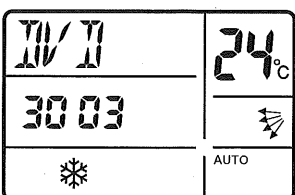
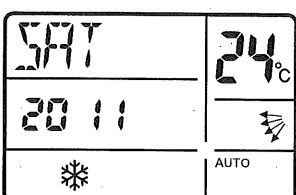
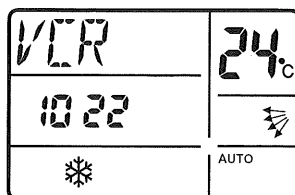
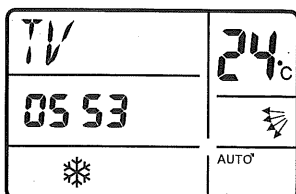
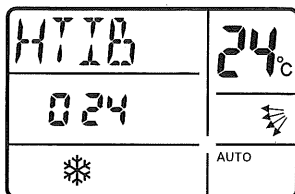
Cuidados:

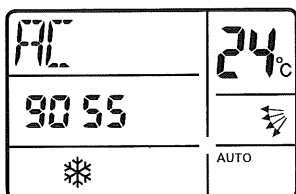


1. Não deve misturar as pilhas novas com velhas nem tipos diferentes de pilhas.
2. Quando uma pilha vaza, deve ser removida e limpa o compartamento antes de colocar nova pilha.
3. Deve retirar as pilhas quando não vai usar o controle remoto para muito tempo.

● 11 tipos de interfaces de operação

O controle remoto é dotado de 11 interfaces de operação, isto é, HTIB, TV, VCR, SAT, DVD, CD, CBL, AMP, Xbox, AUX e A/C. Essas interfaces poder ser mudadas através de pressionar "tecla do próprio aparelho".

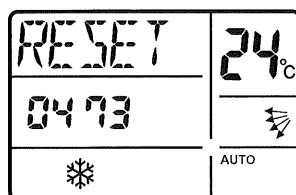
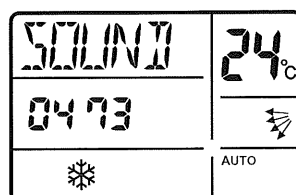
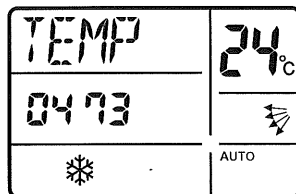
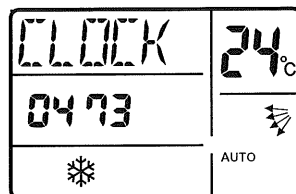
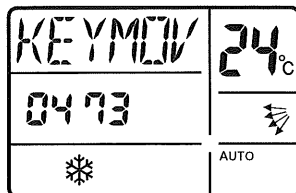
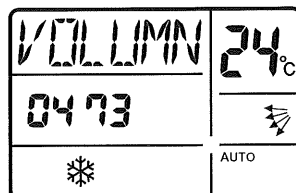
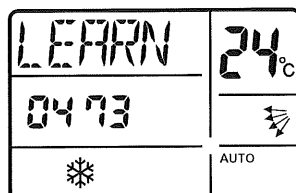
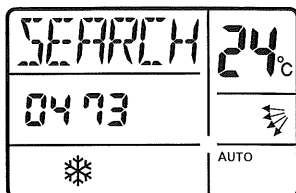
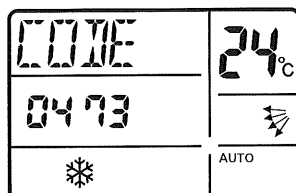




10 Sub-menús que pode mudar-se

Aperta o botão de "SET" para mais ou menos 5 segundos, para entrar na programação de sub-menu.

Tem 10 sub-menús ao total, aperta "▶" ou "◀" para mudar-se entre esses sub-menús.



Programação no controle de remoto

Existe três maneiras para instalar o controle remoto (A, B e C). Escolhe qualquer dos três que queria.

Âmbito de código: TV 0000~0874 VCR 1000~1276 SAT 2000~2392
 DVD 3000~3724 CD 4000~4276 CBL 5000~5266 AMP 6000~6161
 XBOX 7000 AUX 8000~8165 A/C 9000~9337 HTIB 000~033

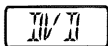
A. Entrada de Código

Encontra a marca do eletrodoméstico que queria controlar na tabela de códigos. Começa com o primeiro grupo de códigos para essa marca, até encontrar o código para seu aparelho. Se todos os códigos não fazem seu controle remoto funcionar normalmente (ou a marca não aparece na tabela), então deve usar opção B ou C para instalar.

1. Liga manualmente o eletrodoméstico que quer controlar, encontra o primeiro código na tabela de código para seu eletrodoméstico. Por exemplo: DVD é SONY, o primeiro código seria 3036

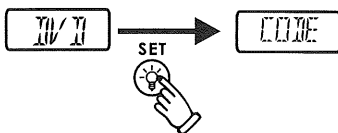
2. Aperte uma vez a tecla de **DVD**, comutando à interface de DVD.

LCD:



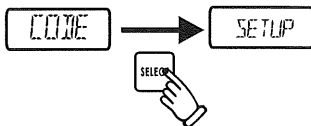
3. Aperta o botão de "SET" para mais ou menos 5 segundos, para entrar na posição "CODE" de sub-menu.

LCD:

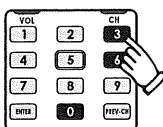


4. Aperta o botão "SELECT" para entrar a posição de instalar.

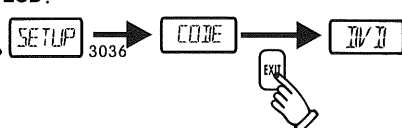
LCD:



5. Digite o código 3036. Se der certo, tocará uma vez "BI" e retornará o submenu "CODE". Em seguida, pressione "EXIT" e conserve a instalação. Verifique se outras teclas funcionam ou não(excepto teclas de SET, APARELHOS, KidCH, M1 e M2). Caso funcionem, a instalação se completar. Se não, repita os processos 4-5.(Se o código der errado, tocará constantemente "BI-BI-BI-BI".)

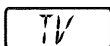


LCD:



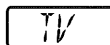
B. Método de busca manual do código

1. Liga o aparelho manualmente que quer controlar (Por exemplo: TV ou VCR, etc.), Aponta o controle remoto para seu electrodoméstico que já está ligado. Por exemplo: para instalar no TV.



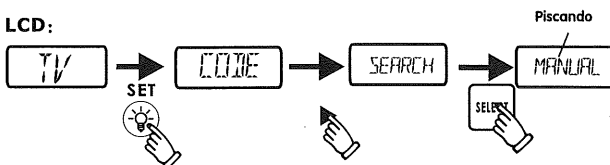
2. Aperte uma vez a tecla de **TV**, comutando à interface de "TV".

LCD:

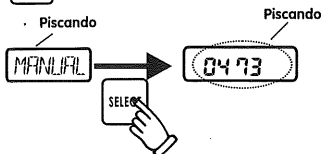


3. Aperta o botão "SET" para mais ou menos 5 segundos, entra na posição de "CODE" de sub-menu; então aperta o botão "▶" para mostrar "SEARCH", então aperta o botão "SELECT", o "MANUAL" vai piscar.

LCD:

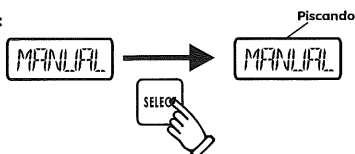


4. Aperta o botão "SELECT" uma vez, o "Código" vai piscar.



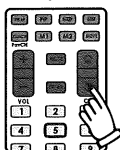
5. Aponta o controle remoto para TV, aperta o botão "▲", até a tela de TV mostra o sinal de "Volume". Aperta o botão de "SELECT" para retornar à posição de "MANUAL".

LCD:

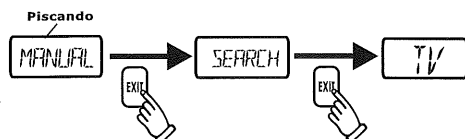


Notações: a menos que A/C (ar-condicionado) mostra para ser ligado, todos os outros eletrodomésticos mostram o sinal de "Volume". Então quando está instalado, cuidado de ligar a energia de A/C (ar-condicionado), e manter na posição de aguardar. Outros eletrodomésticos deve manter na posição de Toca Normal.

6. Verifique se outras teclas funcionam ou não(excepto teclas de ▲, ,SAÍDA,SET, APARELHOS,KidsCH,M1,M2 e SELECT). Se funcionaram, pressione "SAÍDA" para retornar ao menu "SEARCH". A seguir, pressione "EXIT" para sair e completar a instalação.

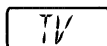


LCD:



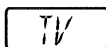
C. Busca automatica do código

1. Liga manualmente o eletrodoméstico que quer controlar (por exemplo. TV, VCR etc.), aponta o controle remoto para seu eletrodoméstico que está ligado. Por exemplo: para instalar no TV.



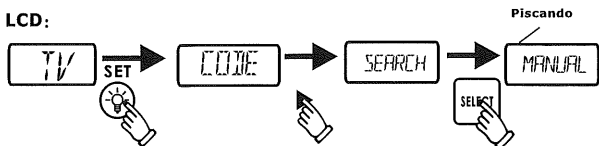
2. Aperte uma vez a tecla de TV, comutando à interface de "TV".

LCD:



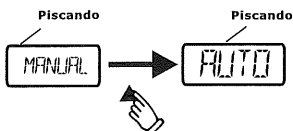
3. Aperta o botão "SET" para mais ou menos 5 segundos, entra na posição "CODE" de menu, então aperta "▶" para instalar a tela de menu em "SEARCH", então aperta "SELECT", o "MANUAL" vai piscar.

LCD:



4. Aperta "▲" uma vez, a tela vai mostrar "AUTO".

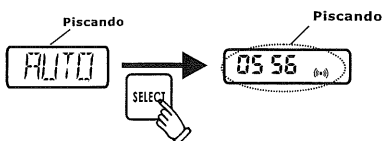
LCD:



5. Aperta "SELECT" uma vez, a sistema entra na posição de Busca totalmente automática.

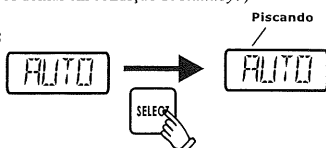
Notação: Aperta o botão "▲" para mudar para o código prévio.
Aperta o botão "▼" para mudar para o código próximo.

LCD:

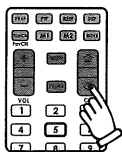


6. Quando o aparelho doméstico alvo estiver desligado, pressione "SELECT" para conservar o código do mesmo. (Obs: TV,SAT,CBL,AMP,Xbox,HOME THEATER apresentam-se desligados, A/C(Ar Condicionad) demonstra-se ligado. VCR,DVD, CD e AUX estão transmitindo. Se estes 4 estão em transmissão automática, pare-os manualmente para os deixar em condição de *standby*.)

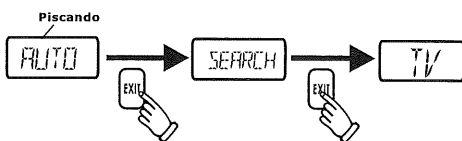
LCD:



7. Verifique se outras teclas funcionam ou não(excepto teclas de ▲, ,SAÍDA,SET, APARELHOS,KidsCH,M1,M2 e SELECT). Se funcionaram, pressione "SAÍDA" para retornar ao menu "SEARCH". A seguir, pressione "EXIT" para sair e completar a instalação.



LCD:



Função de Instrução

As interfaces deste controle remoto pode estudar todos os comandos elétricos dos aparelhos domésticos que se controlam pelo infravermelho, por exemplo, TV, VCR, A/C etc. Quando instalar uma qualquer interface, outras teclas(excepto as teclas de SET, S, KidsCH, M1 e M2) no controle remoto têm função de estudar. (Obs: O controle remoto pode estudar 224 teclas ao máximo. Quando faltar de espaço de memória, surgirá alarme.)

1,

TV

Pressione "SELECT" para desviar à interface do que quer estudar.
(ex; para instalar operações de TV, pressione "TV" a fim de mudar à interface de "TV".)

TV

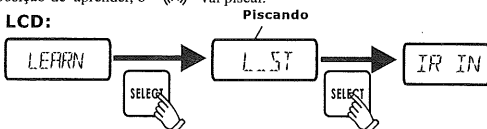
2. Aperta o botão "SET" para mais ou menos 5 segundos, entra na posição de "CODE" de sub-menu, então aperta "▶" para instalar o menu à posição de "LEARN".

LCD:

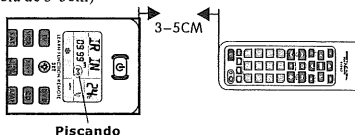



3. Aperta o botão "SELECT", o "LST" vai piscar, então aperta "SELECT" para entrar na posição de aprender, o "IR IN" vai piscar.

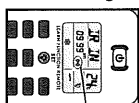
LCD:



4. Direcione a transmissão do comando elétrico estudado à janela de sinal deste controle remoto. (à distância de 3-5cm)



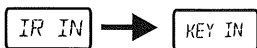
5. Aperta o certo botão de função no controle remoto objetivo para mandar o código, até o “” parar de piscar, então solta o botão, significa o botão da essa função da Instrução de Mandar o Código foi aprendida




Parar de piscar



LCD:



 Piscando ->  Parar de piscar

6. Aperte a respectiva tecla que quer aprender no painel deste controle remoto, “” recomeça cintilação, agora, a tecla de função do controle remoto aprendido já foi aprendida para esta tecla por este controle remoto, com o método mesmo, aprende cada tecla uma por uma, após aprender completamente todas as teclas, aperte uma vez a tecla de “SET”, retirando da condição do aprendizagem, aperte outra vez a tecla de “retirada”, volta à interface de “TV”.


LCD:



 Parar de piscar ->  Piscando

Notações: Cancela a função de instrução


Por exemplo: Cancela o interface de Instrução de TV

Aperta o botão “SELECT” para transferir ao interface de TV -> aperta o “SET” para mais ou menos 5 segundos para entrar na posição de instalação -> aperta o “▶” para transferir à posição de Instrução -> aperta o “” para entrar -> aperta “▲” para transferir à posição de “L CLR”. Aperta o botão de “OK” para a posição de “CLEAR” -> aperta o Botão que a função foi aprendida uma vez, o “K” dentro de “CLEAR” vai piscar uma vez, significa esse botão foi cancelado. Repeti de fazer assim para cancelar a informação que quer para cancelar -> aperta o “Set” para retirar e retornar ao menu de “Learn” -> aperta o botão de “EXIT” uma vez para retornar ao interface de TV.

Outras funções

1. Função do Horário de Relógio e função de restaurar a programação da fabrica

Nas interfaces de TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP e AUX, podem ser realizadas as seguintes operações;

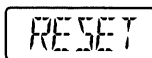
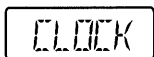
1. Aperta o botão “” para mais ou menos 5 segundos para entrar na moda de Instalação;

Função de
Horário de Relógio

Função de restaurar
a programação da fabrica

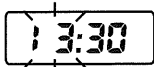
2. Aperta “▶” ou “◀” no menu, seleciona a moda de “Clock” no LCD.

2. Aperta “▶” ou “◀” no menu, seleciona o Reset no LCD.

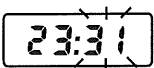


3. Aperta “SELECT” uma vez, então aperta “▲” ou “▼” no menu para instalar o horário de relógio

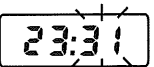
3. Aperta “SELECT”, vai ouvir o bip (BI). O controle remoto vai restaurar a programação da fabrica.



4. Aperta “◀” ou “▶” no menu para instalar a hora e o minuto.



5. Aperta “SELECT” uma vez para completar as instalações.



6. Aperta “EXIT” para retornar a moda normal.

2. Instalação de Botão de Som Liga/Desliga

1. Aperta o botão "SET" para mais ou menos 5 segundos, para entrar na moda de Instalação.

2. Aperta "▶" ou "◀" no menu, ou selecciona a moda no LCD.

SELECT

3. Aperta o botão "SELECT" uma vez, então aperta o botão "▲" no menu

LCD

Liga o som

Cancela o som

S_ON

S_OFF

4. Aperta "SELECT" para ligar o som, aperta o botão de "EXIT" denovo para retornar à posição original.

4. Aperta "SELECT" para cancelar o som, aperta o botão "EXIT" para retornar à posição original.

3. Função de Partilhação de Som

Após ser instalada esta função, os volumes dos s de TV, VCR, SAT, CBL, Xbox, HOME THEATER, DVD, CD, AMP e AUX podem ser controlados pelo volume de TV.

Notação: A página de A/C (ar-condicionado) não tem esta função.

Por exemplo: para citar DVD como exemplo:

1. Aperte uma vez a tecla de DVD, comutando à interface de DVD.

LCD:

TV / TV

2. Aperta o botão "SET" para mais ou menos 5 segundos, para entrar na moda de Instalações.

LCD:

TV / TV



CODE

3. Aperta "▶" ou "◀" no menu ou selecciona a moda no LCD.

VOLUME

LCD:

CODE



VOLUME

4. Aperta o botão "SELECT" uma vez, então aperta o botão "▲" ou "▼" no menu.

LCD

Liga a Partilhação de Som

Desliga a Partilhação de Som



V_ON

V_OFF

5. Aperta "SELECT" uma vez para ligar a função de Partilhação de Som, aperta o botão de "Exit" uma vez para retornar à posição original.

5. Aperta "SELECT" uma vez para desligar a função de Partilhação de Som, aperta o botão de "Exit" uma vez para retornar à posição original.

4. Função de Controle da Iluminação de atrás

Aperta o botão "  " para entrar na moda de iluminação de atrás, então aperta "  " para cancelar a moda de iluminação de atrás.



5. Função de Instrução macro















O controle remoto tem 2 teclas de multi-funções: M1 e M2. Cada teclas de multi-funções pode guardar 21 códigos de teclas. Com esta função, pode juntar as operações dos movimentos contínuos ou dos rotineiros numa tecla só. Depois da conclusão da instalação, este controle remoto emitirá sucessivamente os códigos de teclas pré-estabelecidos se pressionar a tecla de multi-funções, de modo a simplificar a operação.

Função de mandar a informação regular: pode ligar seu eletrodomestico num horário pre-instalado, para evitar de perder sua programação favorita.

Notações:

1. A função de instrução macro vai ser usado quando esse controle remoto toma controle dos eletrodomesticos.
2. O botão de instrução macro não associar-se com qualquer aparelho. Então quando aperta o botão de Instrução macro de qualquer eletrodomestico (quando o botão de função da Instrução macro funciona normalmente), o mesmo código de instrução vai ser mandado.
3. Quando se ligar a função de despertamento da tecla de macro-comando, serão demonstrados MTX e X na tela cristalizada, representando números 1 e 2 respectivamente.
4. Quando adiciona numa Instrução macro, a instrução adicionada fica com o código em uso do eletrodomestico em uso. Quando adicionou bem-sucedido, a instrução não tem nada a ver com a instalação de código do eletrodomestico.

Notações:

- O LCD mostra , significa que cancela as instalações no botão M1. Aperta o botão  para confirmar, aperta o botão  para retirar.
- O LCD mostra , significa que cancela as instalações no botão M2. Aperta o botão  para confirmar, aperta o botão  para retirar.
- O LCD mostra , significa que adiciona numa instrução dentro de botão M1;
- O LCD mostra , significa que adiciona numa instrução dentro de botão M2;
- Aperte a tecla de equipamento para deletar a instrução anterior, aperte uma vez a tecla de  para retirar da condição que acrescenta a instrução.
-  "  " significa o numero de instrucões no botão de Instrução macro M1, pode guardar até 21 instrucões.
-  pode mostrar o horário de mandar o código regular pelo esse botão de Macroinstrução na area de mostrar o horário; e a hora digitada vai piscar, esperando os usuários para ajustar o horário de mandar o código regular.
-  "  " significa o horario interno (X segundos) entre essa instrução e a instrução proxima, quando está sendo mandado.

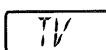
A. Instalação de Macro




Exemplo 1. As etapas de Operação: Liga a energia de TV → escolhe entre TV/VCR → liga a energia de VCR → começa tocar, usa o botão de multi-função "M1" para tomar controle.

Faz as instalações como o seguinte:

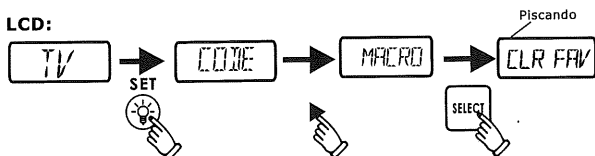
1. Aperte uma vez a tecla de , comutando à interface de "TV".

LCD:



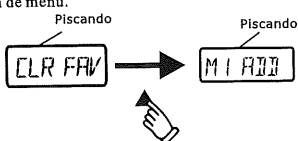
2. Aperta o botão "SET" para mais ou menos 5 seguntos, entra na posição de sub-menu, então aperta "  " ou "  " para instalar o menu no " MACRO ", aperta o botão "  "

LCD:



3. Pressione "▲" da tecla de menu.

LCD:



4. Aperta o botão "SELECT" denovo. O LCD mostra **M1 00**

(se a demonstração não for M1-00, aperte então a tecla de equipamento para ajustá-la)

5. Aperta o botão "POWER" para um momento, até o LCD mostra **M1 25**, então solta o botão, o LCD mostra **M1 01**

6. Aperta o botão "TV/AV" para um momento, até o LCD mostra **M1 25**, então solta o botão, o LCD mostra **M1 02**.

7. Aperta o botão "SET" uma vez, o LCD mostra **M1 TM**

8. Aperte duas vezes a tecla de "EXIT" para voltar à página de TV, aperte uma vez a tecla De "VCR" para escolher a página de VCR;

LCD:



9. Aperta o botão "SET" para mais ou menos 5 segundos, para entrar na moda de Instalação.

10. Aperta "▶" ou "◀" no menu, ou escolhe "MACRO" no LCD.

MACRO

11. Aperta o botão "SELECT", então aperta o botão "▲" no menu; o LCD mostra:

M1 00

12. Aperta o botão "SELECT" denovo, o LCD mostra **M1 02**.

13. Aperta o botão "POWER" para um momento, até o LCD mostra **M1 25**; então solta o botão, o LCD mostra **M1 03**

14. Aperta o botão "▶" (tocar) para um momento, até o LCD mostra **M1 25**, então solta o botão, o LCD mostra **M1 04**

15. Aperta o botão "SET" para um monento, o LCD mostra **M1 TM**

16. Aperta o botão "EXIT" duaz vezes, para retornar na página de VCR, completa as instalações. Normalmente pode usar o botão de multi-função M1 para controlar as etapas: **Liga a energia de TV→muda-se entre TV/VCR→liga a energia de VCR→começa à tocar (PLAY)**

Notações: quando a Macroinstrução foi instalada, deve ligar essa normalmente antes de usar.

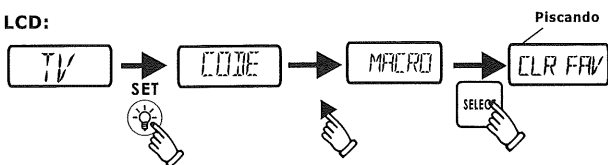
Exemplo 2: Liga a TV automaticamente para tocar o programa no canal 13 as 19:30

1. Aperte uma vez a tecla de "TV", comutando à interface de "TV".

TV

2. Aperta o botão "SET" para mais ou menos 5 segundos, para entrar na posição de sub-menu; então aperta o botão "▶" ou "◀" para instalar o menu no "MACRO", então aperta o botão "SELECT".

LCD:



3. Aperta o botão "▲" no menu.



4. Aperta o botão "SELECT" denovo, o LCD mostra "M1 00"

(se a demonstração não for M1-00, aperte então a tecla de equipamento para ajustá-la)

5. Aperta o botão "⏻" para um momento, até o LCD mostra M1 25, então solta o botão, o LCD mostra M1 01

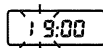
6. Aperta o botão "ENTER" para um momento, até o LCD mostra M1 25; então solta o botão, o LCD mostra M1 02

7. Aperta o botão "1" para um momento, até o LCD mostra M1 25, então solta o botão, o LCD mostra M1 03

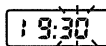
8. Aperta o botão "3" para um momento, até o LCD mostra M1 25, então solta o botão, o LCD mostra M1 04

9. Aperta o botão "SET" (lightbulb icon) uma vez, o LCD mostra M1 TM

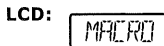
10. Aperta "▲" ou "▼" no menu para instalar o horário de relógio;



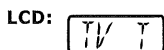
11. Aperta "◀" ou "▶" no menu para fixar a hora e o minuto.



12. Aperta o botão "SELECT" uma vez, para completar as instalações.



13. Aperta o botão "EXIT" para retornar à página de TV.



14. Aponta o fim de transmissão de controle remoto para o fim de recepção da TV. Quando é 19:30 horas, o controle remoto vai ligar a TV, e tocar a programa em canal 13.

6. Funções de canais pai-filho e canais favoritos.

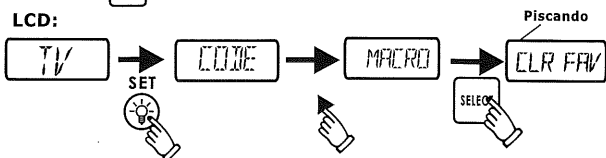
Ex: a instalação de "12", "1" e "9" como canais pai-filho

1. Pressione “ **TV** ” para desviar à interface de TV.

TV

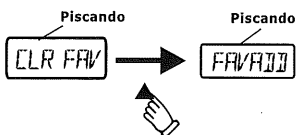
2. Pressione “SET” sem parar. Depois de 5 segundos, está no submenu. A seguir, pressione “ **▶** ” ou “ **◀** ” para trocar o menu a “ **MACRO** ”, e depois, pressione “ **SELECT** ”.

LCD:



3. Pressione com pouco intervalo “ **▲** ” da tecla de função do menu.

LCD:



4. Pressione de novo “ **SELECT** ”, e aparece na tela **FAV 00**

(Se o que aparece não é FAV-00, pressione “S” para reajustar.)

5. Pressione “ **ENTER** ” e aparece **FAV 05** na tela; desaperte a mão, aparecerá **FAV 01**

6. Pressione “ **1** ” e aparece **FAV 05** na tela; desaperte a mão, aparecerá **FAV 02**

7. A seguir, pressione “ **2** ” e aparece **FAV 05** na tela; desaperte a mão, aparecerá **FAV 03**

8. Depois, pressione “ **KidsCH** ” e aparecem sons de “DI-DI”.

9. Similarmente, pressione “ **1** ” e aparece **FAV 05** na tela; desaperte a mão, aparecerá **FAV 04**

10. Pressione de novo “ **KidsCH** ” e aparecem sons de “DI-DI”.

11. Similarmente, pressione “ **9** ” e aparece **FAV 05** na tela; desaperte a mão, aparecerá **FAV 05**

12. Pressione de novo “ **KidsCH** ” e aparecem sons de “DI-DI”.

13. Pressione “ **SET** ”



LCD:



14. Pressione "**SELECT**" para retornar à interface **MAERO**. A seguir, aparece KIDS na tela: os canais pai-filho estão ligados.

14. Pressione "**SELECT**" para retornar à interface **MAERO**. Os canais favoritos estão ligados.

Obs:

1. Durante a instalação dos canais, "**KidsCH**" serve de tecla de intervalos dos canais.
 2. O estabelecimento dos canais favoritos é igual ao de canais pai-filho, com exceção de que a tecla de seleção de canais será bloqueada durante a utilização dos canais pai-filho. Nesse caso, usa-se **KidsCH** para escolher canais.
- No entanto, quando os canais favoritos forem utilizados, todas as teclas podem ser usadas.

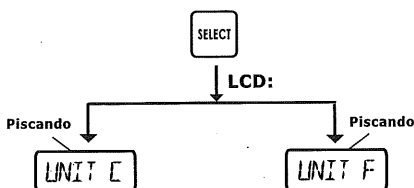
7. Desvio entre graus celsius e fahrenheit

1. Pressione "SET" por 5 segundos e então entra no menu. A seguir, pressione "▶" ou "◀" para entrar em "TEMP".

LCD:



2. Pressione primeiro "**SELECT**" e depois, "▼".



3. Pressione "**SELECT**" para retornar à interface "TEMP". Assim, a temperatura é apresentada de forma de graus celsius.

3. Pressione "**SELECT**" para retornar à interface TEMP. A temperatura mostrada no momento é de forma de graus fahrenheit.

8. O Botão que muda entre Instalar / Cancelar

Transferi o botão de função do eletrodoméstico para o botão de função do outro aparelho.

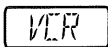
Notações:

1. O código de transferência de botão e o código de instrução dos dois são X999. Então depois de começar a função de transferência de botão, talvez ter que instalar o código antes de usar a função de transferir. O código de TV é 0999 pre-instalado, o código de VCR é 1999 pre-instalado, e o código de SAT 2999 pre-instalado, e o código de DVD é 3999 pre-instalado, e o código de CD é 4999 pre-instalado, e o código de CBL é 5999 pre-instalado, e o código de AMP é 6999 pre-instalado, e o código de XBOX é 7999 pre-instalado, e o código de AUX é 8999 pre-instalado, e o código de A/C é 9999 pre-instalado, e o código de HTIB é 099 pre-instalado,
2. Quando faz a transferência do botão, confirma que usa um código que não é X999.
3. Quando faz a transferência do botão, o usuário vai ter que escolher o eletrodoméstico. Mas lembra que o código para transferir deve ser o código instalado em uso para o eletrodoméstico afetado, Se o código em uso é X999, não poderia executar a transferência.

Por exemplo: para transferir a informação no botão "6" de SAT para o botão "7" de VCR, e depois cancela a transferência.

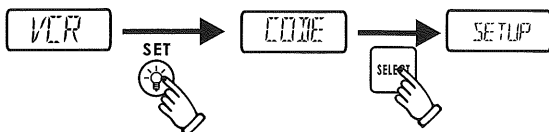
1. Aperte uma vez a tecla de **VCR**, comutar à interface de VCR..

LCD:



2. Aperta o botão "SET" para mais ou menos 5 segundos, para entrar na posição "CODE" do sub-menu, então aperta o botão **SELECT**.

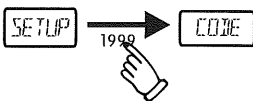
LCD:



3. Entrar o código de quatro digitais 1999. Se entra o código correto, vai ouvir um bip, e a sistema vai retornar para "CODE" no sub-menu.



LCD:

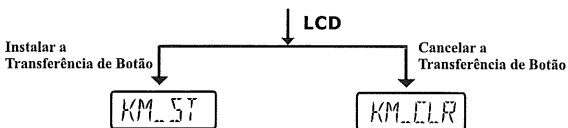


4. Aperta o botão "▶" ou "◀" no menu, ou selecciona a moda de "KEYMOV" no LCD.

LCD:



5. Aperta o botão **SELECT**, e depois aperta o botão "▲".



6. Aperta o botão **SELECT** uma vez, o LCD mostra



7. Aperta o botão "▲" no menu, o LCD mostra



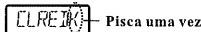
8. Aperta o botão **SELECT**, o LCD mostra **FR KEY**. Aperta a o botão de função 6. o LCD mostra **TO KEY**, então aperta o botão de função 7. Repetir o processo para transferir o botão objetivo.

9. Aperta o botão **SET** (lightbulb icon), O LCD mostra **KEYMOV**, então aperta o botão **EXIT** para retirar, e retornar para à página de VCR.

6. Aperta o botão **SELECT** uma vez, o LCD mostra



7. Aperta o botão de que a informação foi transferida, o LCD mostra




Repetir o processo para cancelar a informação de botão transferido.
Exemplo: Função de botão 7

8. Aperta o botão **SET** (lightbulb icon), o LCD mostra



9. Depois aperta o botão **EXIT** denovo, para retirar e retornar para a posição normal.

9. Indicação de energia baixa

Quando a pilha vai acabar, a tela de qualquer interface de controle remoto vai mostrar a sinal, "  " indicando baixa energia das pilhas.

SETUP CODES FOR TV

888.....0587,0607,0610,0633
Abex.....0041,0282
Admiral.....0069,0147,0170,0294,0401
Advent.....0064,0219
Adventura.....0015,0284,0363
Aiko.....0103,0293
Aiwa.....0042,0066,0094,0143
.....0563,0611,0612
Akai.....0020,0036,0079,0195,0281
Alaron.....0309
Allegro.....0327,0328
Alleron.....0175
Amark.....0147,0272
Ambassador.....0307
Amtron.....0224
Anam.....0289,0310
Anam National.....0028,0199
.....0221,0224,0238
ANHUA.....0555,0571,0586,0601
Antram.....0415
AOC.....0000,0001,0026
.....0040,0062,0090,0124
.....0272,0276,0281,0311,0369
AOLINPIKE.....0587,0607,0610,0633
AOLINPU.....0658
Apex.....0019,0044,0068,0193
Archer.....0147,0272
Aspect.....0129
Audiovox.....0224
Aumark.....0291
Axion.....0089,0194
BAIHEHUA.....0577,0578,0594,0597
BAIHUA.....0570,0579,0587
.....0607,0610,0633
BAILE.....0566,0570,0573,0579,0580
.....0581,0582,0583,0584,0585,0596
Bang & Olufsen.....0162
BaoHuaShi.....0587,0607,0610,0633
BAOSHENG.....0565,0570,0579
Baysonic.....0310
BEIJING.....0562,0565,0566,0570
.....0573,0575,0577,0578,0579,0580
.....0581,0582,0583,0584,0585,0587
.....0593,0594,0596,0597,0604,0605
.....0607,0610,0633,0645,0676,0680
.....0787,0819,0852
Belcor.....0000,0276
Bell & Howell.....0128,0145,0170
.....0173,0387
Benq.....0178,0180,0227
BENQ.....0848
Beuamark.....0274,0281,0309
Bradford.....0224,0310
Broksonic.....0000,0022,0038,0086
.....0096,0165,0167,0276
.....0290,0314,0321,0368
CAIHONG.....0565,0570,0579,0577
.....0578,0594,0597,0627,0656
Candle.....0000,0015,0098,0124
.....0281,0284,0290,0312
Capehart.....0040
Carnivale.....0281
Carver.....0288
CCE.....0353
Ccenturion.....0124
Celebrity.....0195,0331
Celera.....0019
Centrios.....0138
Cetronic.....0199
CHANGCHENG.....0555,0565,0566
.....0570,0571,0573,0577,0578,0579
.....0580,0581,0582,0583,0584,0585
.....0587,0594,0596,0597,0607,0610
.....0633
CHANGFEI.....0565,0570,0579
.....0596,0677
CHANGFENG.....0565,0578,0587,0599
.....0600,0607,0610,0633
CHANGHAI.....0565,0570,0579,0677
Changhong.....0019,0193,0554,0562
.....0563,0564,0565,0568,0570
.....0580,0582,0587,0605,0606
.....0611,0612,0621,0625,0640
.....0641,0642,0645,0647,0654
.....0713,0716,0736,0737,0738,0780
.....0842,0843,0844,0845,0846,0851
CHENGDU.....0565,0579
CHUANGJIA.....0627,0655
CHUNFENG.....0570,0579,0587
.....0607,0610,0633,0678
CHUNLAN.....0661,0685,0696
CHUNSUN.....0565,0570,0579
Cineral.....0293,0320
Citizen.....0000,0036,0038,0098
.....0103,0124,0133,0140,0170
.....0199,0224,0281,0283,0284
.....0290,0291,0293,0312,0316
Clairtone.....0001,0311
Classic.....0019,0193,0199
CLP.....0006
CLP Classic.....0000,0004,0016
Color Voice.....0146

SETUP CODES FOR TV

Colortyme.....0000,0124,0146
Concerto.....0000,0124,0290
Concierge.....0182
CONROWA.....0554,0560,0561,0562
.....0564,0570,0579,0587,0599
.....0600,0602,0607,0609,0610
.....0627,0653,0685,0758,0812
Contec.....0001,0196,0199,0224
.....0302,0310,0311,0337
Contec.....0342,0402
Cornea.....0150
Cony.....0342,0402
Craig.....0199,0224,0310
Crosley.....0201,0288
Crown.....0199,0224,0283,0310
CTX.....0147
Curtis Mathes.....0000,0027,0036,0121
.....0124,0128,0133,0145,0158,0170
.....0173,0281,0283,0288,0290,0291
.....0294,0297,0305,0320,0322,0329
.....0330,0337,0387,0403
CXC.....0199,0224,0310
Daewoo.....0000,0023,0026,0060,0073
.....0084,0099,0103,0110,0124,0125
.....0127,0144,0146,0153,0155,0158
.....0159,0199,0216,0223,0276,0283
.....0293,0320,0325,0326,0360,0367
.....0371,0374,0376,0382,0383
Daytron.....0000,0124,0276,0283
DAYU.....0566,0585,0596
Dell.....0100,0142,0208
Denon.....0297
DETRON.....0766
Diamond Vision.....0123,0164,0204
Digistar.....0039,0059,0088,0108,0250
DIGITEC.....0701,0704,0768
Dimensia.....0145,0173
Disney.....0112
DONGDA.....0570,0579
DONGHAI.....0570,0579
DONGLIN.....0631
Dukane.....0129,0202
Dumont.....0000,0182,0274,0276
DUONGJIE.....0627,0651,0655
Durabrand.....0020,0038,0087,0093
.....0122,0140,0234
Dwin.....0327,0328
Dynasty.....0199
Dynatech.....0353,0381
Electroband.....0001,0195,0311,0331
Electrohome.....0000,0020,0124,0197
.....0221,0318,0337,0393
Elektra.....0170
Elite Video.....0091
Emerson.....0000,0002,0003,0004,0007
.....0020,0028,0029,0030,0038,0046
.....0047,0070,0071,0074,0075,0086
.....0094,0096,0124,0127,0128,0139
.....0140,0143,0148,0149,0150,0158
.....0167,0172,0174,0175,0198,0199
.....0216,0222,0224,0241,0276,0281
.....0283,0307,0308,0309,0310,0311
.....0314,0316,0317,0321,0325,0326
.....0332,0337,0345,0346,0354,0357
.....0365,0383,0386,0388,0389,0390
.....0399,0402,0404,0405,0406,0407
.....0421,0422
FEILANG.....0570,0579
FEILU.....0565,0570,0579
FEIYAN.....0587,0607,0610,0633
FEIYUE.....0565,0570,0577,0578
.....0579,0594,0597
Fisher.....0118,0128,0156,0161
.....0196,0300,0303,0340
Fujitsu.....0091,0175,0309
.....0602
FULI.....0601
Funai.....0071,0094,0140,0175,0199
.....0224,0306,0309,0310
Futurtec.....0199,0224
Futurtech.....0310
GANGTAI.....0651
GANXIN.....0565,0571,0577,0578
.....0581,0594,0595,0597
Gateway.....0052
GE.....0000,0004,0005,0014,0027,0037
.....0080,0082,0124,0145,0173,0197
.....0200,0217,0221,0278,0280,0294
.....0317,0320,0329,0330,0336,0387
.....0393,0412
Gibraltar.....0000,0182,0274,0276
Go Video.....0291
Goldstar.....0000,0026,0062
.....0077,0094,0120,0124,0153
.....0196,0271,0276,0281,0283
.....0290,0334,0337,0363,0369
.....0402,0563,0573,0577,0578
.....0594,0597,0652,0694
Gradiente.....0287,0290
Grundy.....0175,0224,0309,0310
Guestvision.....0190
Haier.....0068,0087,0093,0178,0657

SETUP CODES FOR TV

..... 0659,0666,0672,0673,0729,0732
 0739,0740,0741,0742,0755,0759
 0760,0772,0826
 HAIHONG...0570,0579,0580,0581,0582
0583,0584,0631,0657,0822
 HAILE.....0586,0601
 HAIYAN.....0565,0577,0578,0587,0594
0597,0607,0610,0633
 Hallmark.....0000,0124
 Harley Davidson.....0309
 Harman.....0288
 Harvard.....0224,0310
 Hisense.....0068,0212,0226,0554,0560
0561,0562,0564,0568,0569,0579
0599,0600,0611,0656,0657,0659
0661,0669,0670,0682,0683,0684
0685,0692,0693,0725,0726,0727
0728,0739,0740,0741,0742,0743
0744,0745,0778,0779,0787,0819
0820,0823,0824,0825,0827,0828
0853
 Hitachi.....0000,0085,0094,0106,0124
0129,0136,0139,0143,0151,0170
0176,0179,0184,0196,0202,0209
0282,0290,0297,0332,0333,0337
0342,0347,0358,0362,0375,0400
0402,0408,0554,0560,0561,0562
0564,0568,0569,0581,0602,0733
0782
 HITCHI FUFIAN...0561,0565,0569,0577
0578,0582,0587,0588,0594,0597
0607,0610,0614,0615,0619,0633
0656
 HONGMEI.....0557,0563,0565,0570
0572,0577,0578,0579,0587,0594
0597,0610,0611,0612,0633
 HONGYAN...0565,0587,0607,0610,0633
 HUAFU.....0561,0570,0579
 HUANGHAIMI.....0570,0579
 HUANGHE.....0565,0570,0577,0578
0579,0594,0597,0605,0657,0679
0709
 HUANGLONG.....0570,0579
 HUANGSHAN....0565,0570,0577,0578
0579,0586,0587,0594,0597,0607
0610,0633
 HUANYU.....0563,0565,0569,0577,0578
0587,0594,0597,0607,0610,0611
0612,0633
 HUAQIANG.....0587,0607,0610
0633,0790
 HUARI.....0561,0587,0607,0610,0633
 HUIJIABAN.....0655
 HUODAKEJI.....0555,0571,0586,0601
 ILO.....0116,0244,0253,0257
 IMA.....0224
 IMPERIAL COWN.....0566,0573,0579
0580,0581,0582,0583,0584,0585
0587,0596,0607,0610,0633
 Infinity.....0119,0201,0288,0294
 Initial.....0253
 Insignia.....0038,0059,0071,0088,0093
0188,0126,0140,0229,0232,0415
 INTEL.....0767
 Inteq.....0182,0274
 Janeil.....0015,0284
 JBL.....0201,0288,0394
 Jc Pennry...0000,0005,0026,0027,0036
0080,0082,0098,0124,0133,0145
0148,0173,0196,0197,0200,0342
0379,0387,0393,0410
 JCB.....0195,0331
 Jensen.....0000,0124,0232
 JIAHUA.....0555,0571,0586,0587,0601
0655,0703,0761
 JIALICAI.....0570,0579,0582,0587
0607,0610,0633,0678,0732
 JIAN SHENG.....0658
 JINGFENG.....0555,0565,0575,0576
 JINGHAI.....0563,0611,0612,0653
 JINGLIPI.....0592
 JINGTA.....0563,0570,0577,0578,0579
0587,0594,0597,0607,0610,0611
0612
 JINGXINGBAN.....0658
 JINQUE.....0565,0570,0579,0586
0587,0607,0610,0633
 JINXING.....0561,0562,0565,0567,0578
0579,0586,0587,0593,0605,0611
0619,0625,0627,0633,0645,0651
0656,0661,0692,0779
 JUHUA.....0565,0577,0578,0587
0594,0597,0607,0610
 JVC.....0032,0050,0078,0091,0095,0130
0151,0184,0196,0243,0287,0337
0342,0359,0372,0380,0402,0408
0643,0715
 KAIGE.....0565,0570,0577,0578,0579
0587,0594,0597,0607,0610
 KANGHONG.....0563,0611,0612
 KANGHUA.....0657

SETUP CODES FOR TV

KANGLI.....0559,0565,0566,0570
0573,0577,0578,0579,0580
0581,0582,0583,0584
0585,0587,0594,0596
0597,0674,0758,0825
 KANGWEI.....0631,0655,0658
 KANGYI.....0570,0579,0587,0607
0610,0633,0675
 Kardon.....0288
 Kawasho.....0000,0124,0195
 Kaypani.....0040
 KEC.....0199,0310
 Kenwood.....0000,0124,0276
 KLH.....0019
 Kloss.....0279,0284
 Kloss Novabeam.....0015,0104
 KONGQUE.....0565,0570,0577,0578
0579,0587,0594,0595,0597,0678
 Konka.....0049,0054,0076,0126,0171
0218,0224,0229,0242,0565,0571
0583,0586,0588,0608,0621,0623
0625,0629,0630,0631,0632,0633
0634,0635,0661,0667,0671,0717
0718,0719,0731,0764,0771,0789
0804,0805,0806,0807,0808,0809
0810,0811
 KTV.....0001,0152,0172,0199,0224
0283,0310,0311,0316,0337,0353
 KUAILE.....0570,0579,0587
0607,0610,0633
 KUNLUN.....0555,0565,0566,0575
0576,0579,0587,0593,0594,0596
 Kurazai.....0170
 Lasonic.....0123,0164
 Lehua.....0565,0567,0570,0577
0578,0579,0594,0597
0650,0681,0802,0821,0822
 LG.....0000,0026,0062,0077,0094,0120
0124,0150,0153,0196,0290,0578
0594,0597,0652,0694,0813,0814
0815
 Lidgenet.....0145,0170,0173,0214
 LIHUA.....0565
 Liquidvideo.....0089,0113,0194
 Lodgenet.....0387
 Loewe.....0191,0201
 Logik.....0145,0170,0173,0387
 Luce.....0031
 Luxman.....0000,0124,0290
 Lxi.....0000,0027,0082,0094,0124
0128,0133,0145,0173
0201,0274,0288,0300,0301,0330
0340,0341,0363,0387,0394
 Magnasonic.....0000,0124,0201
 Magnavox.....0000,0033,0069,0071
0098,0104,0119,0124,0184,0201
0237,0277,0279,0281,0288,0295
0306,0309,0312,0313,0319,0335
0337,0394
 Majestic.....0145,0170,0173,0387,0273
 MANTIANXING.....0668
 Marantz.....0000,0124,0188,0201
0281,0288,0394
 Matsui.....0394
 Matsushita.....0315
 Medion.....0112,0116,0240
 Megatron...0000,0124,0129,0272,0297
 MEI.....0001,0311
 MEILE.....0563,0565,0577,0578,0587
0594,0597,0607,0610,0611,0612
0633
 Memorex.....0000,0038,0118,0124,0128
0145,0167,0170,0173,0175,0273
0290,0291,0298,0300,0315,0387
 MENGMEI.....0577,0578,0594,0597
 MGA.....0000,0026,0124,0161,0175
0184,0196,0197,0276,0281,0299
0343,0393
 Midland.....0005,0027,0082,0173,0182
 Minutz.....0200
 Misubishi.....0000,0020,0026,0124
0161,0175,0184,0185,0197,0276
0294,0298,0308,0361,0565,0605
 Mitsui.....0419,0420
 Mitsubishi.....0393
 Monivision.....0051
 Montgomery Ward.....0145,0170,0173
0387
 Moteva.....0128
 Motorola.....0147,0221
 Motorola.....0289,0294,0401
 MTC.....0000,0001,0026,0036,0124
0133,0276,0281,0290,0291
0311,0381
 MUDAN.....0555,0556,0565,0570,0574
0575,0576,0579,0586,0587,0593
0594,0597,0607,0610,0613,0617
0619,0633,0655,0661,0699,0700
0703,0772,0777
 Multitech.....0224,0310,0353,0381
 Multivision.....0008,0356

SETUP CODES FOR TV

Myron&Davis.....0215
NAD.....0000,0041,0124,0133,0301
.....0305,0308,0341
NANBAO.....0563,0570,0579,0587
.....0607,0610,0611,0612,0633
NANSHENG.....0565,0587,0607
.....0610,0633
National.....0289
NEC.....0000,0026,0035,0124,0146
.....0184,0188,0221,0276,0281
.....0290,0323,0360,0558,0560
.....0565,0570,0578,0579,0587
.....0607,0610,0633,0643,0694
NET TV.....0012,0052
Nexxtech.....0088,0256
Nikei.....0199
Nikko.....0000,0103,0124,0274,0281
.....0285,0293,0300,0301,0308,0330
NIKON.....0563,0611,0612
Norcent.....0053,0068,0223
Noshi.....0275
NTC.....0103,0293
Olevia.....0248
Oncommand.....0190
Onking.....0199
Onwa.....0199,0224,0310
Optimus.....0021,0041,0160,0192
.....0300,0305,0315
Optoma.....0249
Optonica.....0035,0147,0294,0301,0304
Orion.....0029,0038,0182
.....0309,0314,0321
OTHER BRAND.....0590,0598,0611
.....0627,0631,0651,0655,0656
.....0657,0658,0660,0668,0732,0847
OULIN.....0655
Panasonic.....0005,0021,0097,0111,0152
.....0160,0169,0187,0192,0201,0221
.....0271,0285,0286,0287,0288,0289
.....0291,0294,0297,0298,0300,0301
.....0304,0308,0315,0330,0344,0394
PANASONIC.....0555,0556,0568,0569
.....0574,0575,0576,0613,0620
PANDA.....0555,0563,0565,0570,0575
.....0576,0577,0578,0579,0580,0582
.....0587,0594,0597,0605,0607,0610
.....0611,0612,0615,0616,0627,0633
.....0643,0645,0655,0678,0679,0735
.....0757,0758,0762,0817,0818,0850
PDLYTRON.....0705,0706,0768
Penney.....0272,0275,0276,0278,0280
.....0281,0282,0283,0285,0286
.....0290,0291,0301,0308,0330,0337
Philco.....0000,0026,0033,0098,0104
.....0124,0184,0201,0221,0237
.....0276,0277,0279,0281,0288
.....0297,0312,0313,0321,0335
.....0337,0364,0394,0402
Philips.....0000,0016,0018,0033,0043
.....0056,0067,0071,0080,0093
.....0098,0104,0117,0119,0140
.....0141,0163,0184,0201,0221
.....0237,0567,0577,0578,0593
.....0594,0597,0695,0795,0796
Philips-Magnavox.....0018,0069,0092
.....0119,0201,0237
Pilot.....0000,0276,0281,0283
Pioneer.....0000,0041,0124,0139,0154
.....0188,0202,0305,0332,0386,0143
Piva.....0246
Polaroid.....0000,0026,0103,0110
.....0124,0158,0212,0232
.....0236,0276,0283,0293,0337
Precision.....0063
Price Club.....0036
Prima.....0039,0059,0088,0250
Princeton Graphics.....0132,0147
Prism.....0005,0286
Proscan.....0027,0082,0145,0173
.....0210,0235,0281,0285,0387
Proton.....0000,0040,0065,0124
.....0213,0228,0272,0308
.....0322,0337,0370,0397,0402
Proview.....0245,0247
Pulsar.....0000,0182,0274,0276
QINGDAO.....0555,0565,0575,0576
.....0587,0607,0610,0633
Quasar.....0005,0021,0111,0152,0160
.....0187,0192,0201,0221
.....0286,0289,0304,0315
Radio Shack.....0000,0035,0094,0102
.....0124,0128,0145,0160,0173
.....0174,0196,0199,0217,0224
.....0276,0282,0283,0285,0290
.....0300,0304,0308,0310,0337
.....0340,0363,0387,0390,0402
RCA.....0000,0005,0009,0026,0027,
.....0037,0057,0082,0090,0102
.....0115,0124,0135,0139,0144
.....0145,0155,0173,0189,0197
.....0205,0210,0217,0221,0230
.....0235,0275,0276,0285,0286

SETUP CODES FOR TV

.....0292,0294,0329,0330,0332,0348
.....0377,0384,0386,0387,0398,0409
Realistic.....0000,0035,0094,0102,0124
.....0128,0145,0160,0173,0174,0196
.....0199,0224,0281,0282,0283,0290
.....0300,0304,0308,0310,0340,0345
.....0363,0387,0390,0402
Rhapsody.....0001,0311
RIHONG.....0627
RISHENG.....0651
RIZHI.....0627,0651
Runco.....0181,0182,0188,0274
.....0281,0323,0324,0350
Ruyi.....0565,0569,0577
.....0578,0594,0597
SAIGE.....0565,0570,0579
Sampo.....0000,0012,0040,0052
.....0124,0196,0281,0282,0283
Samsung.....0000,0010,0026,0027
.....0034,0036,0055,0058,0072,0079
.....0121,0124,0133,0153,0196,0211
.....0220,0281,0282,0283,0290,0291
.....0308,0337,0349,0366,0396,0402
.....0403,0410,0562,0565,0570,0575
.....0578,0579,0587,0591,0593,0594
.....0597,0604,0605,0645,0667,0677
Samsux.....0124,0283
Samtron.....0036
SANJIAN.....0587,0607,0610,0633
SANKEN.....0769
SANLING.....0590
Sansel.....0320
Sansui.....0038,0167,0321,0368
Santeca.....0017
Sanyo.....0000,0081,0107,0118,0128
.....0156,0161,0196,0298,0300
.....0303,0340,0373,0378,0554
.....0561,0562,0568,0569,0587
.....0589,0607,0610,0633,0659
.....0686,0687,0688,0756,0777
SANYUAN.....0557,0565,0570,0572
.....0577,0578,0579,0594,0597
Scotch.....0000,0124,0308
Scott.....0000,0002,0029,0124,0175
.....0199,0224,0276,0308,0309
.....0310,0314,0337,0354,0402
Sears.....0000,0022,0027,0036,0071
.....0082,0124,0128,0131,0133,0140
.....0145,0156,0161,0173,0175,0196
.....0201,0206,0285,0288,0290,0298
.....0300,0301,0303,0306,0308,0309
.....0340,0341,0342,0387
Selectron.....0252,0254,0255
Semivox.....0310
Semp.....0301
SEYE.....0651
SHANCHA.....0565,0587
.....0607,0610,0633
SHANGGUANGDIAN.....0712
.....0720,0721
SHANGHAI.....0563,0565,0570
.....0571,0576,0577,0578,0579
.....0587,0594,0597,0607,0610
.....0611,0612,0633,0677
SHANSHUI.....0562
SHAOFENG.....0554,0560,0561
.....0565,0569,0577
Sharp.....0000,0035,0048,0069
.....0070,0124,0131,0147,0207
.....0225,0231,0283,0294,0302
.....0304,0319,0337,0351,0391
.....0395,0401,0402,0405,0411
.....0557,0570,0572,0579
.....0689,0690,0691
SHENCAI.....0561,0570,0579,0587
.....0607,0610,0611,0655
SHENGLI.....0558
SHENYANG.....0565,0570,0579
.....0587,0599,0600
SHERWOOD.....0570,0579
Shogun.....0000,0276
SHUYUAN.....0685,0758
Signature.....0145,0170,0173
.....0222,0273,0387
Silvania.....0277,0279,0281,0295,0312
Simpson.....0098,0312,0313
SKYWORTH-RGB.....0565,0579,0587
.....0599,0600,0614,0624,0625,0626
.....0627,0628,0633,0637,0655,0661
.....0662,0663,0697,0714,0722,0723
.....0724,0730,0734,0735,0748,0749
.....0750,0751,0752,0753,0754,0786
.....0788,0829,0830,0831,0832,0834
.....0835,0836,0837,0838
Some models.....0338
SONGBAL.....0570,0579
SONGDIAN.....0655
Sonic.....0001
Sony.....0109,0168,0177,0195,0296
.....0331,0364,0559,0595,0603
.....0648,0660,0702,0791,0792,0793
Soundesign.....0000,0098,0124,0175

SETUP CODES FOR TV

.....0199,0224,0308,0309,0310,0312
Spectravision.....0239
Spectricon.....0272
Squareview.....0140,0306
SSS.....0000,0199,0224,0310
Star Sight.....0006
Starlite.....0224,0310
SUMO.....0768
Superme.....0331
Superscan.....0071,0131,0206
Supersonic.....0025
Supra.....0000,0203
Supremacy.....0015
Supre-Macy.....0284
Supreme.....0195
SVA.....0068
Sylvania.....0000,0033,0038,0071,0094
.....0098,0104,0124,0140,0184
.....0186,0201,0237,0288,0313
.....0318,0335,0339,0363,0392,0394
Symphonic.....0002,0071,0094
.....0140,0224,0306,0363
Syntax.....0248
TAISHAN.....0565,0570,0579,0581,0582
.....0583,0584,0585,0592,0596
Tandy.....0147,0294,0401
Tatung.....0116,0178,0221
.....0272,0289,0341,0381
TCBO.....0570
TCL.....0605,0607,0622,0625,0627,0636
.....0637,0638,0639,0664,0665,0698
.....0710,0753,0763,0770,0797,0798
.....0799,0800,0801,0802,0803
Tear.....0000,0065
Technics.....0005,0274,0285
.....0286,0315,0330
Technika.....0273,0276,0283
.....0288,0290,0291,0293
.....0298,0309,0310,0312,0342
Technol Ace.....0309
Techwood.....0000,0005,0124,0272,0290
Teknika.....0000,0015,0026,0036
.....0098,0103,0124,0133,0145
.....0160,0170,0173,0175,0196
.....0199,0224,0337,0387,0402
Telecaption.....0083
Telefunken.....0290
Telerent.....0145,0170,0173,0387
Tera.....0370
Tevion.....0116
TIANE.....0557,0565,0572
TIANGENBAN.....0655
TIANKEBAN.....0655
TMK.....0000,0124,0290,0307,0308
TONGGUANG.....0587,0607,0610,0633
TOS.....0579,0587,0607,0610
.....0631,0633,0655,0657
Toshiba.....0022,0024,0035,0036
.....0083,0114,0121,0128,0133,0137
.....0157,0160,0166,0184,0188,0196
.....0291,0300,0301,0340,0341,0342
TOSHIBA.....0554,0561,0562,0568
.....0569,0570,0581,0582,0584
.....0587,0607,0610,0633,0643
.....0644,0645,0713,0839,0840,0841
Tosonic.....0311
Totevision.....0283,0337
Trical.....0302
Trutech.....0251
Universal.....0080,0200,0278,0280
Vector research.....0281
Victor.....0151,0287
Vidikron.....0288
Vidtech.....0000,0026,0124,0276,0308
Viewsonic.....0052,0202
Viking.....0015,0284
Vizio.....0178,0416,0417,0418
Wards.....0000,0002,0026,0033,0035
.....0080,0098,0104,0124,0134,0145
.....0170,0173,0175,0200,0201,0277
.....0278,0280,0281,0288,0290,0295
.....0296,0301,0304,0308,0309,0313
.....0335,0336,0354,0385,0387,0394
WARUMIA.....0566,0585,0596
WEIPAL.....0570,0579
Westinghouse.....0011,0233,0325,0326
White Westinghouse.....0061,0094
.....0110,0144,0153,0155,0158
Words.....0273,0276
XIAHUA.....0565,0570,0578,0579
.....0581,0587,0607,0608,0609
.....0610,0614,0627,0633,0634
.....0649,0652,0763,0765,0771
.....0772,0783,0784,0785,0816,0849
XIANGYANG.....0587,0607,0610,0633
XIANGYU.....0570,0579,0586
XIHU.....0565,0577,0578,0587,0592
.....0594,0597,0607,0633,0652
.....0685,0758,0773,0774,0775,0776
XINGFU.....0570,0579
XINGHAI.....0570,0579,0587
.....0607,0610,0633

SETUP CODES FOR TV

XINGMENBAN.....0658
XINRISONG.....0563,0611,0612,0655
XINSIDA.....0677
XR-1000.....0363
XUELIAN.....0563,0577,0578,0594
.....0597,0611,0612
YAJIA.....0587,0607,0610,0633
Yamaha.....0000,0026,0124
.....0160,0276,0281
YINGGE.....0570,0577,0578
.....0579,0594,0597
YONGBAO.....0563,0611,0612
YONGGU.....0570,0577,0578
.....0579,0594,0597
YOULANASI.....0565,0577,0578
.....0594,0597
YOUSIDA.....0563,0570,0579
.....0611,0612
YUHAN.....0570,0579
Zenith.....0000,0006,0013,0038,0045
.....0069,0070,0094,0095,0101
.....0103,0105,0110,0119,0120
.....0121,0124,0127,0129,0150
.....0167,0170,0179,0181,0182
.....0183,0216,0222,0234,0273
.....0274,0293,0298,0355,0363,0387
ZHUHAL.....0570,0579,0596
Zonda.....0272
Other.....0598,0611,0633,0781

SETUP CODES FOR HDTV SetTop Boxes

Pioneer Sh-D505.....0258
Zenith Hdsat420.....0259
Zenith Hdsat520.....0259
Zenith DTV1080.....0259
Proscan Pshd105.....0260
Rca Pshd105.....0260
Rca Dtc-100.....0260
Rca Dtc-210.....0260
Hughes Htl-hd.....0261
LG LSS-3200A.....0261
LG HTL-HD.....0261
Hughes Hird-e8.....0261
Toshiba DST3000.....0261
Toshiba DST3100.....0261
Toshiba DW65X91.....0261
Motorola hdt100.....0262
Rca Hd65w20.....0263
Samsung sir-ts160.....0264
Samsung sir-ts360.....0264
Go Video Hdt100.....0265
Sylvania6900dtd.....0266
Hughes Htl-hd.....0267
LG LSS-3202A.....0267
LG HTL-HD.....0267
Hughes Hird-e10.....0267
Toshiba DST3001.....0267
Toshiba DST3101.....0267
Toshiba DW65X92.....0267
Hitachi 61hdx98b.....0268
Hughes Htl-hd.....0268
LG LSS-3201A.....0268
LG HTL-HD.....0268
Hughes Hird-e9.....0268
Hughes Hird-e11.....0268
Mitsubishi Srhd400.....0268
Mitsubishi Srhd500.....0268
Philips Dshd800r.....0268
Samsung sir-t165.....0269
Samsung sir-t351.....0269
Sony Sathd100.....0270
Sony Sathd200.....0270
Sony Sathd300.....0270

SETUP CODES FOR VCR

Accele.....1009
 Admiral.....1029,1155
 Adventra.....1101,1195
 Aiko.....1112,1180
 Aiwa.....1017,1043,1076,1101,1145,1182
1195,1203,1204,1223,1224,1225
 Akai.....1002,1043,1050,1058,1072
1088,1100,1125,1149,1157,1158
1166,1205,1226,1227,1228
 Alba.....1229
 Allegro.....1045,1080,1122
 American High.....1114,1143
 Amstrad.....1206,1229
 Apex.....1086
 Asha.....1009,1178
 AT&T.....1131
 Audio Dynamics.....1000,1039,1053
 Audiovox.....1017,1145
 Baird.....1230,1231
 Beaumark.....1009,1178
 Bell&Howell.....1060,1165
 Blaupunkt.....1232,1233
 Broksonic.....1012,1031,1044,1046
1057,1078,1090,1095,1137
1169,1171,1174,1181,1185,1207
 Bush.....1226
 Calix.....1017,1145
 Candle.....1000,1001,1009
1017,1089,1111
 Cannon.....1015,1081,1114,1143
 Capehart.....1080,1139
 Carver.....1048,1164
 CCE.....1037,1112,1163,1180
 CGM.....1225,1228,1234,1236
 Cinal.....1180
 Cinevision.....1017
 Citizen.....1000,1001,1009,1017
1089,1111,1112,1145,1180
 Clatronic.....1229
 Colortyme.....1000
 Colt.....1037,1163
 Craig.....1009,1017,1037,1059
1145,1154,1163,1178,1179
 Curtis Mathes.....1000,1007,1009,1015
1043,1048,1066,1074
1114,1143,1149,1170
 Cybernex.....1009
 Daewoo.....1001,1007,1077,1089,1090
1101,1109,1111,1112,1139
1152,1180,1187,1237,1238
 Dayton.....1139
 DBX.....1000,1039,1053
 Denon.....1150
 Diamond Vision.....1042
 Dimensia.....1015
 Durabraned.....1017
 Dynatech.....1043,1101,1195
 Electrohome.....1002,1017,1145
 Electroponic.....1017,1145
 Emerex.....1140
 Emerson.....1002,1009,1017,1018,1022
1031,1032,1041,1043,1044,1046
1060,1071,1074,1075,1076,1078
1089,1090,1092,1093,1095,1096
1100,1101,1103,1105,1112,1113
1114,1121,1123,1137,1144,1145
1151,1157,1158,1162,1169,1171
1173,1174,1176,1180,1181,1185
1187,1195,1207
 Ferguson.....1239,1240,1241
 Fisher.....1000,1003,1004,1047
1048,1059,1060,1124,1154
1156,1160,1165,1229
 Fuji.....1072,1114,1141,1143
 Funai.....1041,1043,1071
1101,1195,1206,1242
 Garrard.....1101,1195,1206
 GE.....1009,1015,1023,1061,1104,1114
1118,1143,1155,1172,1178
 Go Video.....1183,1186,1208,1209
 Goldstar.....1000,1017,1036,1043
1065,1080,1145,1146
 GoldStar.....1234,1243
 Goodmans.....1237,1244
 GO-Video.....1009,1026,1028,1040
1054,1067,1109
 Gradiente.....1101,1138,1195
 Grundig.....1232,1235,1245
 Harley Davidson.....1101,1195
 Harman Kardon.....1000,1002
1146,1164
 Harwood.....1037,1162,1163
 Headquarter.....1153,1060
 HI-Q.....1059,1154
 Hitachi.....1043,1051,1082,1117
1125,1149,1150,1166
1195,1246,1247,1248
 Iteq.....1017
 Infinity.....1062
 Insignia.....1017
 Instant replay.....1043,1114

SETUP CODES FOR VCR

ITT.....1230
 JC Penney.....1000,1009,1015,1017
1039,1053,1060,1082
1114,1117,1125,1128
 JCL.....1114
 Jensen.....1082,1125,1149
 JVC.....1000,1039,1045,1053,1060
1070,1099,1125,1138,1149
1161,1233,1249,1250,1251
 KEC.....1145,1180
 Kendo.....1243
 Kenwood.....1000,1039,1053,1060
1125,1146,1149,1153,1161
 KLH.....1037,1163
 Kodak.....1017,1114,1143,1145
 LG.....1043,1056,1065,1080,1234,1243
 Liteon.....1135
 Lloyd.....1043,1101
 Lloyd's.....1173,1195
 Loewe.....1243,1244,1252
 Logik.....1037,1163
 Luxor.....1253
 LXI.....1017,1043,1145
 Magin.....1178
 Magnasonic.....1180,1188
 Magnavox.....1013,1015,1016,1029
1033,1041,1043,1048
1062,1080,1087,1114
1143,1147,1164,1168,1195
 Magnin.....1009
 Marantz.....1000,1039,1048,1053,1060
1078,1081,1114,1143,1146,1164
 Marta.....1017,1145
 Mastui.....1234,1254
 Matsushita.....1114,1143,1170,1184
 Medion.....1042
 MEI.....1114,1143
 Memorex.....1004,1009,1017,1029
1043,1048,1050,1059,1060
1080,1095,1101,1114,1143
1145,1147,1153,1154,1155,1165
1178,1182,1189,1192,1193,1195
 MGA.....1002,1093,1151
1157,1158,1178
 MGN Technology.....1009,1178
 Midland.....1061
 Minolta.....1082,1117,1150,1166
 Mitsubishi.....1002,1019,1039,1053
1063,1082,1093,1151,1155,1157
1158,1161,1210,1211,1255,1256
 Montgomery Ward.....1029,1094
 Motorola.....1029,1114
 MTC.....1009,1043,1101,1178,1195
 Motorola.....1143,1155
 Multitech.....1009,1037,1043,1061
1101,1163,1195
 NAP.....1141,1142,1143,1145
1147,1150,1160,1166
 NEC.....1000,1039,1053,1060,1074
1078,1103,1115,1125,1146
1148,1149,1161,1165
 Nexxtech.....1049,1085,1086
 Nikko.....1017,1145
 Nikon.....1142
 Noblex.....1009,1178
 Nokia.....1230,1253
 Nokia Oceanic.....1253
 Nordmende.....1240,1241
 Ohilips.....1008,1024,1033,1041,1048
1062,1068,1107,1114,1132
 Okano.....1227,1254,1257
 Olympus.....1114,1143
 Optimus.....1009,1011,1017,1029
1073,1106,1108,1130,1145
1155,1165,1170,1183,1184
1188,1190,1191,1192,1193
 Optonica.....1009,1094,1159
 Orion.....1031,1095,1137
1171,1181,1185,1258
 Panasonic.....1011,1015,1055,1108
1114,1130,1131,1143,1170
1177,1184,1192,1259,1260
 Penney.....1143,1145,1146
1148,1150,1156,1178
 Pentax.....1000,1082,1117,1150,1166
 Philco.....1015,1016,1048
1114,1143,1174
 Philips.....1159,1164,1168,1232
1244,1261,1262,1263
 Phonola.....1235,1244,1263
 Phoolips-Magnavox.....1029,1048,1062
 Pilot.....1017,1145
 Pioneer.....1020,1039,1053
1082,1128,1134,1161
 Polaroid.....1086
 Portland.....1001,1111,1139
 Profitronic.....1178
 Proscan.....1015,1064,1172
 Protec.....1037,1163
 Pulsar.....1080,1147
 Quarter.....1060,1153
 Quartz.....1060,1153

SETUP CODES FOR VCR

Quasar.....1011,1015,1108,1114
1130,1143,1170,1184,1192
 Radio Shack.....1002,1003,1009,1015
1017,1029,1043,1050,1059
1060,1073,1094,1101,1102
1114,1118,1130,1189,1195
 Radix.....1017
 Randex.....1017,1145
 RCA.....1005,1009,1015,1017,1021,1023
1034,1058,1061,1064,1079,1082
1104,1114,1116,1117,1118,1126,1143
1150,1155,1166,1167,1172,1178
 Realistic.....1002,1003,1009,1015
1017,1029,1043,1050,1059
1060,1094,1101,1106,1114
1130,1143,1145,1153,1154
1155,1159,1160,1165,1195
 Replaytv.....1131
 Ricoh.....1129
 Ricon.....1142
 Ridix.....1145
 RIO.....1017,1027
 Roadstar.....1225
 Runco.....1080,1147
 SABA.....1240,1241,1264,1265
 Salora.....1253
 Samsung.....1009,1028,1050,1066,1082
1088,1089,1120,1133,1152,1178
1266,1267,1268,1269,1270
 Sanky.....1029,1080,1147,1155
 Sansui.....1012,1031,1039,1053,1057
1095,1125,1149,1161,1179,1185,1195
 Sanyo.....1004,1009,1047,1059,1060
1153,1154,1165,1178,1230,1271
 Schneider.....1232,1244,1272
 Scott.....1044,1046,1089,1090
1093,1105,1123,1151
1152,1169,1171,1175,1176
 Sears.....1003,1012,1017,1041,1048
1059,1060,1082,1114,1117,1124
1128,1130,1143,1145,1150,1153
1154,1156,1160,1165,1166,1195
 SEG.....1229
 Seleco.....1225,1226
 Semp.....1152
 Sharp.....1002,1029,1032,1043,1094
1097,1106,1111,1155,1159,1253
 Shintom.....1037,1052,1072
1082,1129,1163
 Shogun.....1009,1178
 Siemens.....1230,1272
 Signature.....1043,1143
 Singer.....1037,1114,1163
 Some models.....1196,1197,1198,1199
1200,1201,1202
 Sonic Blue.....1131
 Sony.....1006,1010,1025,1038,1072
1083,1084,1098,1119,1127,1129
1140,1142,1143,1195,1212,1213
1214,1215,1216,1217,1218,1219
1220,1221,1222
 STS.....1082,1114,1117,1150
 Superscan.....1041
 Sylvania.....1015,1030,1041,1043
1048,1071,1093,1101,1114
1143,1151,1164,1168,1195
 Symphonic.....1030,1041,1043
1101,1188,1195,1206
 Taashiko.....1017
 Tandberg.....1237
 Tandy.....1043,1060
 Tatung.....1125,1149
 Teac.....1043,1101,1125,1149,1195
 Technics.....1114,1143,1147,1170,1172
 Technika.....1143,1145,1195
 Techwood.....1136
 Teknika.....1017,1022,1043,1101,1114
 Telegunken.....1265,1273
 Thomas.....1195
 Thomson.....1238,1240
 Thorn.....1230,1243
 TiVo.....1107,1119
 TMK.....1009,1074,1103,1144,1173,1178
 Toshiba.....1003,1014,1048,1066
1069,1082,1089,1091,1093
1102,1105,1151,1152,1160
1175,1176,1274,1275
 Totevision.....1009,1017,1145,1178
 Unitech.....1009,1178
 Universum.....1243,1244,1258,1273
 Vector.....1152
 Vector Research.....1000,1039,1053
1089,1146,1148
 Vediosonic.....1178
 Victor.....1039,1053
 Video Concepts.....1000,1002,1039,1053
1089,1148,1152,1157,1158
 Videosonic.....1009
 W.W.House.....1243
 Wards.....1002,1009,1015,1017,1029
1035,1037,1043,1059,1082,1089
1094,1101,1105,1114,1117,1143

SETUP CODES FOR VCR

.....1150,1152,1154,1155,1159,1163
1164,1176,1178,1195,1263,1276
 White Westinghouse.....1043,1077
1180
 XR-1000.....1037,1101,1114,1143
 XR-1001.....1163
 XR-1002.....1195
 Yamaha.....1000,1039,1053
1125,1146,1149
 Zenith.....1017,1029,1032,1039,1043
1045,1051,1053,1062,1065
1066,1067,1072,1077,1080
1095,1110,1112,1122,1129
1141,1142,1147,1185,1195

SETUP CODES FOR SAT

ADB.....	2325
Aifa.....	2247
Aiko.....	2241
Alfa gold.....	2234
ALL VISION.....	2354, 2355
Alphastar.....	2141, 2185
Amplica.....	2013
Amstrad.....	2267, 2288, 2289, 2310, 2322
Astro Industries.....	2265
Bell Expressvu.....	2010, 2020, 2040, 2050
Best.....	2205
BSR.....	2265
CANAL+.....	2271
Capetronic.....	2265
Channel Master.....	2033, 2045, 2056
.....	2109, 2125
Chaparral.....	2066, 2076, 2112, 2123
.....	2125, 2126, 2159, 2175
Cheyenne.....	2076
Citoh.....	2186
DGTEC.....	2360, 2361, 2362
Digital satellite TV.....	2236, 2237
.....	2238, 2239
Directv.....	2008, 2023, 2024, 2026, 2028
.....	2036, 2041, 2051, 2061, 2064
.....	2073, 2082, 2084, 2092, 2093
.....	2095, 2101, 2102, 2105
Dish Network.....	2010, 2020, 2040, 2046
.....	2050, 2057, 2069, 2091, 2260
Dishhpro.....	2010, 2046, 2057, 2069
Drake.....	2002, 2034, 2086, 2109
.....	2113, 2128, 2163, 2167, 2169
.....	2176, 2179, 2182, 2226, 2227
Drake satellite.....	2196, 2197, 2198
Dreambox.....	2072
DX Antenna.....	2044, 2088
Dx Antenn.....	2110
DX Communications.....	2177
Echosphere.....	2050
Echostar.....	2010, 2020, 2040, 2046
.....	2050, 2057, 2069, 2091, 2118
.....	2120, 2129, 2142, 2160, 2172
.....	2206, 2210, 2213, 2214, 2215
.....	2216, 2217, 2220, 2221
.....	2222
Equus.....	2171
Eurostar.....	2223
Expressvu.....	2010, 2020, 2040
.....	2050, 2142
Fortec star.....	2011, 2021, 2031, 2043
.....	2054, 2055, 2232, 2233
Fujitsu.....	2079, 2089, 2156
Galaxis.....	2275, 2277, 2279, 2291
.....	2295, 2296, 2317, 2335
GE.....	2028, 2039, 2063, 2075
.....	2085, 2092, 2095, 2105
Gemini.....	2015
General Instrument.....	2131, 2152, 2153
.....	2154, 2178, 2187, 2188
General Instrument(GI).....	2001, 2009
.....	2012, 2019, 2022, 2038, 2052
.....	2074, 2094, 2099, 2104
Globecast.....	2000
GO Video.....	2071
Gold box.....	2301
Grundig.....	2291, 2292, 2300, 2328
HIRSCHMANN.....	2326
Hitachi.....	2036, 2051, 2061, 2073
.....	2084, 2093, 2144, 2254
Homecable.....	2127
HTS.....	2142, 2173
Hughes Network.....	2036, 2051, 2061
.....	2065, 2068, 2082, 2084, 2093
Hughes Network Sys.....	2140
Hughes satellite.....	2254, 2261, 2262
HUMAX.....	2356
HYTEK.....	2265
Hyundai.....	2308
Instrument.....	2135
Intersat.....	2174
IQ.....	2124
IQ Prism.....	2124
Janell.....	2119, 2156
Jerrold.....	2131, 2135, 2303
JVC.....	2050, 2091, 2142, 2260
Kathrein.....	2287, 2307, 2313
Kenwood.....	2047, 2157
Legend.....	2129, 2160
Luxor.....	2058
Macom.....	2070, 2109, 2150, 2154, 2187
Macom satellite.....	2195
Magnavox.....	2023, 2062, 2091
.....	2138, 2139, 2263
Matsui.....	2290
MAXTRONICS.....	2358
Memorex.....	2129, 2139
Micro formula.....	2228
MICRONAX.....	2357
Mina.....	2224
Mitsubishi.....	2036, 2051, 2061
.....	2073, 2084, 2093, 2225
Motorola.....	2049, 2052, 2146

SETUP CODES FOR SAT

NEWLING.....	2359
Nikko.....	2286
Nokia.....	2264, 2282, 2302
.....	2320, 2338, 2339
Norstat.....	2080
NTVplus.....	2305
Orb.....	2165
Orbit.....	2219
Pace.....	2006, 2016, 2029, 2246, 2252
.....	2280, 2281, 2285, 2323, 2324
Panaset.....	2244
Panasonic.....	2024, 2025, 2027
.....	2119, 2137, 2149, 2330
Pansat.....	2003, 2106, 2162, 2181, 2208
Pbi.....	2228
Philips.....	2023, 2036, 2051, 2061
.....	2062, 2073, 2082, 2084, 2091
.....	2093, 2122, 2138, 2139, 2231
.....	2251, 2263, 2318, 2340
Philips-Magnavox.....	2023, 2062, 2091
Pioneer.....	2005
President.....	2114
Primestar.....	2038, 2074
.....	2131, 2135, 2207
Prosat.....	2096, 2202
Proscan.....	2028, 2039, 2075, 2085
.....	2095, 2105, 2134
Quick draw.....	2177
Radio Shack.....	2134, 2152, 2153
Radix.....	2276, 2289, 2294, 2316
RCA.....	2028, 2039, 2042, 2053, 2063
.....	2075, 2085, 2092, 2095, 2105, 2117
.....	2133, 2134, 2145, 2200, 2240, 2251
RCADSS.....	2255, 2256, 2257
RC-AK.....	2209
Realistic.....	2032, 2100, 2115
Rural cable.....	2152
SABA.....	2273, 2274, 2293, 2297
.....	2298, 2311, 2333, 2348
Samsung.....	2004, 2026, 2060, 2098
.....	2101, 2185, 2212, 2349, 2350
Scientific Atlanta.....	2203, 2240
Sharp.....	2005
Sierra II III.....	2076
Signal super LT 930.....	2211
Skardin.....	2248, 2249, 2250
Sky Master.....	2268, 2283, 2284
.....	2309, 2329, 2347
SKY Network.....	2006, 2016, 2029
Some models.....	2199, 2229
Sony.....	2014, 2041, 2064, 2090
.....	2102, 2136, 2266, 2306, 2321
Space TV.....	2230
Star Sight.....	2103
Star Trak.....	2048, 2121, 2155
.....	2183, 2184, 2189
Starchoice.....	2019, 2038, 2074
STRONG.....	2351, 2352, 2353
STS.....	2044, 2067, 2077
.....	2110, 2124
STS satellite.....	2194
Sun Moon Star.....	2245
Super Guide.....	2059
Superguide.....	2158, 2166
Sylvania.....	2078
Tadiran.....	2242
Technisat.....	2304, 2315, 2341
.....	2342, 2220
Tedalex.....	2218
Thomson.....	2251, 2297, 2334, 2336
.....	2337, 2345, 2346
Toshiba.....	2007, 2017, 2036, 2051
.....	2061, 2073, 2083, 2084, 2087
.....	2093, 2116, 2195, 2258, 2259
Tosonic.....	2143
TPS.....	2319
UEC.....	2253
Ultimate TV.....	2064, 2105
Uniden.....	2081, 2097, 2103, 2111, 2114
.....	2115, 2127, 2132, 2138, 2139
.....	2151, 2158, 2160, 2168, 2170
United.....	2035
United satellite.....	2191, 2193
Veccom.....	2228
Video Cipher II.....	2002
Video pall.....	2156
Viewstar.....	2180
Vortec.....	2235
Watson.....	2269
WEB TV.....	2014, 2091
Winner.....	2201, 2204
Zehnder.....	2272, 2278, 2312, 2314
.....	2327, 2331, 2332, 2343, 2344
Zenith.....	2002, 2008, 2015, 2018, 2029
.....	2030, 2034, 2037, 2086, 2113
.....	2128, 2146, 2156, 2195
Zenith satellite.....	2190, 2196, 2197
.....	2198

SETUP CODES FOR CBL

ABC.....5000,5007,5013,5045,5060
5066,5068,5069,5070,5071
5073,5074,5076,5115,5116,5164
 Adelohia.....5050,5057
 Aeon.....5148
 Aifa.....5158,5169,5171,5173
 Aikotec.....5181,5182
 Allegro.....5005,5011,5090,5098
 Americast.....5024
 Antena.....5180
 Antronix.....5025,5031,5080,5092
 APO.....5141
 Archer.....5025,5031,5038,5046
5080,5090,5092,5108
 Asia.....5165
 Asiagiant-777.....5151
 AT&T.....5050
 Atlanta.....5070,5076,5102,5168,5172
 Belcor.....5086
 Bell South.....5024
 Bell&Howell.....5074
 Best.....5118
 Cable star.....5086
 Cabletenna.....5025,5080
 Cableview.....5025,5080
 Cablevision.....5017
 Century.....5046,5090,5159
 Citizen.....5046,5090,5098
 Cogeco.....5050
 Color Voice.....5053,5061,5082,5084
 Comtronics.....5001,5008,5085
 Contec.....5014,5077
 Cs-100.....5138
 Digi.....5107
 Digital Music Express.....5004
 DVB-1.....5185
 DVB-2.....5186
 DVB-3.....5187
 DVB-LK05.....5188
 DVB-LK06.....5189
 DVB-LK07.....5190
 DVB-LK08.....5200
 DVB-LK09.....5201
 DVB-LK10.....5202
 DVB-LK11.....5203
 DVB-LK12.....5204
 DVB-RC03.....5205
 Eastern.....5020,5067,5128,5129
5130,5131,5147,5152
 Emerson.....5108
 Everquest.....5001,5075,5085
 Focus.....5099
 G.I.....5071,5096,5101,5111
5112,5113,5175,5176,5177,5178
 Garrard.....5046,5090
 GC Electronics.....5031,5086,5092
 GE.....5036
 Gemini.....5019,5032,5075
 General Instrument (GI).....5000,5004
5007,5030,5035,5043
5045,5050,5052,5060,5064
 GMI.....5119,5139,5149
 Golden.....5166
 Goldstar.....5085,5089
 Goodmind.....5108
 Hamlin.....5020,5039,5045,5047
5054,5078,5095,5110
5256,5257,5258,5259,5260
 Hitachi.....5060,5071
 Hytex.....5069
 IEEC.....5127,5136,5137,5157
 Illico.....5017
 IMC.....5174
 Jasco.....5046,5075,5090,5098
 JEBSEE.....5143
 Jerrold.....5000,5007,5018,5030,5035
5042,5045,5060,5068,5071,5072
5074,5075,5096,5101,5111,5112
5113,5117,5155,5156,5163,5179
 Jerrold/G.I.....5235,5236,5237,5238
5239,5240,5241,5242
5252,5265,5266
 KOKA.....5123,5126
 LEON.....5119,5139
 Linsay.....5184
 Magnasonic.....5083
 Magnavox.....5009,5074,5083
 Mechanics.....5099
 Memorex.....5015,5109
 Moievie Time.....5021
 Motorola.....5000,5007,5018,5030,5035
5043,5050,5052,5060,5065
 Movie Time.....5087,5183
 NAP.....5069
 NET.....5264
 Novaplex.....5106
 NSC.....5021,5087,5183
 OAK.....5014,5033,5069,5077
 OAK Sigma 500.....5121
 Optimus.....5079
 Pace.....5059

SETUP CODES FOR CBL

Panasonic.....5253,5254,5029
5037,5079,5088,5109
 Panther.....5107,5162
 Paragon.....5015,5027,5109
5161,5167
 Philips.....5009,5032,5040,5046
5048,5055,5082,5083,5084,5090
 Philips-Magnavox.....5006,5010
 Pioneer.....5002,5017,5026,5062
5081,5089,5105
 Popular.....5099
 Proscan.....5079
 Pulsar.....5015,5109
 Qak.....5261,5262,5263
 Radio Shack.....5045,5006,5010
5011,5075,5098,5108
 RCA.....5023,5037,5046,5079
 Realistic.....5031,5092
 Recoton.....5099
 Regal.....5054,5078,5095
5256,5257,5258
 Regency.....5020,5067
 Rembrandt.....5060,5071
 Rogers.....5017
 Runco.....5015,5109
 Samsung.....5001,5002,5085,5089
 Scientific atlanta.....5243,5244,5245
 Scientific Atlanta.....5012,5013,5016
5017,5022,5028,5057,5114,5170
 Seam.....5103
 Sg.....5132
 Shaw.....5050
 Signal.....5001,5075,5085
 Signature.....5060,5071
 Skygiant.....5133,5134,5135
 SL Marx.....5001,5085
 Sprucer.....5037,5079
 Standard.....5034
 Starcom.....5030,5045,5068,5075
 Stargate.....5001,5085,5108
 Starquest.....5075
 Starsight.....5023
 Sylvania.....5066
 TADA.....5120,5154
 Taicom.....5123,5140
 Tandy.....5041,5094
 Tay Shoen.....5142,5145
 Television.....5001,5085
 Texscan.....5034,5066
 TFC.....5097
 Timeless.....5100
 Time Warner.....5017
 Tocom.....5000,5031,5042,5046,5049
5065,5072,5073,5250,5251,5265
 Toshiba.....5015,5109
 Trans.....5144,5146,5150,5153,5160
 Tusa.....5075
 Tv86.....5021,5087
 Unika.....5025,5031,5046
5080,5090,5092
 United artists.....5069
 United Cable.....5045
 Universal.....5005,5025,5031,5038
5046,5056,5080,5086,5090
5091,5092
 Videotech.....5044
 Videotron.....5017
 Videoway.....5003,5093
 Viewstar.....5008,5009,5021,5041
5083,5087,5094
 Winer.....5122
 WISO.....5124,5125
 Zenith.....5011,5015,5046,5051,5057
5058,5063,5070,5075,5092
5104,5109
 Zenith Network.....5024
 Zentek.....5099
 Foshan.....5226
 Guangxi.....5232
 Guangzhou.....5217
 Haerbin.....5224
 Hangzhou.....5228
 Hebeineimenggu.....5229
 Linyi.....5220
 Nanhai.....5225
 Shandong zibo.....5221
5222,5223,5227
 Shanghai.....5230
 Shenzhen.....5218
 Sichuan.....5233
 Tianjin.....5219
 Hongkong.....5216
 Hongkong NOW.....5215
 Hongkong kuanpin.....5231

SETUP CODES FOR DVD

Advent.....	3151
Afreedy.....	3057
Aierprince.....	3458,3459
AIKO.....	3571
Aiwa.....	3003,3275,3341,3542
Akai.....	3019,3023,3279,3398
AKISHI.....	3573
AKUSTIC.....	3571,3650
Ames.....	3127
Amoi.....	3503,3504,3506,3527
AMW.....	3064,3082
Anaba.....	3137
Aone.....	3691
Apex.....	3004,3024,3037,3042,3061
.....	3084,3094,3096,3102,3106
.....	3110,3123,3124,3140,3167
.....	3274,3276,3325,3574
Aspire.....	3169
A-trend.....	3158
Audelong.....	3708
AUDIA.....	3690
Audiovox.....	3133,3575
AVLIGHT.....	3535
Axion.....	3133
B&K.....	3088
BBK.....	3410,3413,3419,3420
.....	3425,3440,3470,3483,3486
.....	3491,3537,3679,3704
Blaupunkt.....	3110
Bodysonic.....	3057
Bose.....	3147,3358
Boss.....	3132
BROCSOHC.....	3378
Broksonic.....	3001,3069,3152
BULANTE.....	3456,3457
CAIXING.....	3480,3487
CAT.....	3362
Centrios.....	3095,3133,3136,3175,3176
.....	3178,3179,3184,3187,3189,3193
.....	3197,3201
Changhong.....	3124,3528,3529
.....	3530
CHESTRON.....	3361
Cinevision.....	3020
Citech.....	3206
Citizen.....	3206
Classic.....	3124,3127,3196,3576
.....	3662,3663
Coby.....	3008,3024,3047,3048
.....	3050,3067,3083,3577
Concept.....	3110
Criterion.....	3078
Curtis International.....	3083,3100
Cyberhome.....	3017,3101,3158
.....	3356,3578
Cytron.....	3043,3072
D.L.K.....	3363
Daewoo.....	3006,3034,3111
.....	3128,3138,3278,3299
.....	3304,3324,3478,3479,3579
.....	3580,3581,3582,3583,3584
.....	3585,3586,3659,3671,3717
Denon.....	3107,3126,3272,3302
.....	3332,3343,3587
Denzel.....	3076
Desay.....	3086,3315
DESAY.....	3418,3466,3509,3692
Diamond vision.....	3045,3085,3148
Digitrex.....	3024
Digix.....	3012
DIGIXMEDIA.....	3588
Dihe.....	3462,3469,3499,3709
DingTian.....	3519
Disney.....	3079
Dual.....	3000,3043,3051,3060,3076
Durabrand.....	3020,3043,3095
DVD.....	3408,3411,3653
DVD 2000.....	3141
ELEKTRA.....	3584
Elta.....	3005,3023,3277,3282,3364
Emerson.....	3020,3044,3079,3097
.....	3118,3283
ESA.....	3051
F & D.....	3677
Fahrenheit.....	3120
Fisher.....	3040,3284,3625,3654
Funai.....	3044,3079,3383
FUSSION.....	3590
GE.....	3091,3110,3298,3623
GeWang.....	3720
GIEC.....	3481,3684,3686
.....	3687,3688,3702,3714
GO VIDE.....	03591,03592
Goldstar.....	3020
GoldStar.....	3381
GO-Video.....	3007,3025,3041,3056
.....	3066,3127,3131,3138
.....	3149,3269,3285
GPX.....	3013,3049,3593
Gradiente.....	3021
Greenhill.....	3110
Grundig.....	3352

SETUP CODES FOR DVD

GVG.....	3681,3682
Haaz.....	3129,3146
Haier.....	3031,3508,3538
Haoji.....	3460
HARMAN.....	3668
Harman Kardon.....	3058
.....	3270,3288,3344
Himage.....	3517
HISENSE.....	3526,3535,3703
Hitachi.....	3002,3056,3076
.....	3092,3268,3296
.....	3334,3594
Hiteker.....	3024
HITER.....	3481
HUABAO.....	3421,3453,3454
.....	3455,3694
Humax.....	3150
HYUNDAI.....	3477
IDALL.....	3520
ILO.....	3103,3194
Infinity.....	3057
Initial.....	3110,3194
Insignia.....	3020,3028,3044,3110,3133
Integra.....	3143,3307
JAMO.....	3359
JBL.....	3058
Jingwangpai.....	3423
JingWei.....	3403
Jugao.....	3710
JVC.....	3015,3039,3075,3114,3168
.....	3202,3267,3293,3333,3372
.....	3437,3543,3595,3667
Jwin.....	3027,3106,3165
Kawasaki.....	3032,3095
Kenwood.....	3093,3107,3265,3272
.....	3316,3355,3467,3596
.....	3597,3598
Ketal.....	3422
Kiss.....	3076
KLH.....	3037,3046,3110,3336
Konka.....	3028,3108,3125
.....	3142,3160,3297,3301
.....	3306,3311,3531,3599
Koss.....	3021,3072
KXD.....	3008
LAFAYETTE.....	3617
Lasonic.....	3085,3129
.....	3600,3601
Lenoxx.....	3023,3134
LG.....	3020,3063,3156,3381,3400
LINITRON.....	3633
Linn.....	3163
Liquidvideo.....	3133
Liteon.....	3080,3103
.....	3149,3157,3190
LONGZHIPAI.....	3676
Magnavox.....	3010,3029,3044,3073
.....	3074,3104,3105,3122
.....	3139,3261,3291,3292,3317
MAJESTIC.....	3602,3657
Malata.....	3394,3401,3415
.....	3416,3465,3538,3539
.....	3543,3689,3705
Marantz.....	3020,3073
.....	3074,3139,3161
.....	3291,3292,3603
.....	3604,3605,3619
Matsui.....	3351,3389
Maxent.....	3168
Medion.....	3043,3045,3103,3132,3166
MEGA TANS.....	3606
Memorex.....	3043,3192,3319
Meridian.....	3073
Microsoft.....	3091
Microsoft X-BOX.....	3318,3326
Mintek.....	3110,3320
Mitsubishi.....	3141,3262,3607
MITSUMI.....	3608,3609,3661
MITZU.....	3571,3643
MTB.....	3610
Mustek.....	3127,3303,3357
Myron & Davis.....	3155
NAD.....	3020,3162,3313
Nakamichi.....	3144,3308,3353,3612
NAPA.....	3613,3669
Nesa.....	3110,3155
Nexxtech.....	3012,3014,3033,3051
.....	3095,3102,3154,3175
.....	3176,3178,3181,3183
.....	3200,3205
NINTAUS.....	3395,3427,3463
.....	3471,3472,3473,3474
.....	3482,3485,3521,3522
.....	3683,3712,3714
Norcent.....	3030,3048,3065
.....	3083,3157,3614
OKON.....	3464
Onkyo.....	3035,3143,3261
.....	3307,3342,3435,3615,3616
Optimus.....	3002,3263,3268
Orion.....	3001,3021,3193,3280
Pacific.....	3043

SETUP CODES FOR DVD

PAI GAO.....	3719
Panasonic.....	3016, 3038
.....	3054, 3059, 3107, 3119
.....	3121, 3272, 3300, 3328
.....	3332, 3369, 3370, 3371
.....	3377, 3380, 3390, 3406
.....	3596, 3665, 3666
PANDA.....	3430, 3443, 3444
.....	3445, 3494, 3497
PHILCO.....	3617, 3618, 3655, 3660, 3664
Philips.....	3026, 3044
.....	3073, 3074, 3079, 3104
.....	3105, 3122, 3139, 3161
.....	3261, 3273, 3291, 3292
.....	3312, 3338, 3384, 3391
.....	3404, 3535, 3544, 3545
.....	3546, 3619, 3656
PHILIPS KARAOKE.....	3620
Philips-Magnavox.....	3073, 3074, 3105
.....	3122, 3161
Pioneer.....	3002, 3052, 3070
.....	3087, 3098, 3159, 3177
.....	3263, 3268, 3322, 3330
.....	3345, 3347, 3368, 3385
.....	3386, 3436, 3621
Piva.....	3180
Polaroid.....	3018, 3068, 3102
Polk Audio.....	3073, 3074, 3139
Portland.....	3023
POWER SOUND.....	3571
PRIMAS.....	3360
Proline.....	3021
Proscan.....	3091, 3113, 3310
Prosonic.....	3048, 3644
Pyle.....	3115
QI Sheng.....	3397, 3429, 3484, 3490
.....	3493, 3674, 3697, 3698
.....	3699, 3700, 3715, 3723
Radio Shack.....	3095, 3099, 3116, 3164
Radioshack.....	3305, 3314
RCA.....	3091, 3095, 3110, 3113
.....	3116, 3164, 3298, 3305
.....	3310, 3314, 3331, 3622, 3623
Regent.....	3134
Reoc.....	3129
RIO.....	3020
RJ Technology.....	3182
rosen.....	3117
Rotel.....	3039
ROYAL.....	3617, 3664
Saba.....	3099
Sampo.....	3057, 3287
Samsung.....	3007, 3025, 3056
.....	3130, 3153, 3172, 3269
.....	3340, 3376, 3396, 3398
.....	3409, 3441, 3496, 3541
.....	3594, 3624, 3658
Sansui.....	3001, 3069, 3323, 3405
Sanyo.....	3009, 3040, 3625, 3626
SAST.....	3403, 3412, 3430, 3451
.....	3452, 3468, 3532, 3534, 3680
Sears.....	3001, 3044
SEG.....	3076, 3294
Selectron.....	3185, 3188, 3191
.....	3195, 3199, 3203, 3207
Sharp.....	3055, 3062, 3081
.....	3286, 3321, 3337, 3382
.....	3627, 3628, 3629
Sherwood.....	3022, 3281
.....	3711
Shico.....	3393, 3402, 3500
.....	3110, 3298, 3348
Shinsonic.....	3110
SHUMALING.....	3428
SKYWORTH-RGB.....	3414, 3417
.....	3424, 3426, 3450, 3488, 3489, 3492
.....	3511, 3513, 3685, 3693, 3706, 3713
SMC.....	3630
Sonashi.....	3696
Sonic Blue.....	3066
SONICO.....	3651
Sony.....	3036, 3053, 3071, 3072
.....	3089, 3090, 3264, 3327
.....	3349, 3350, 3365, 3366
.....	3367, 3375, 3432, 3434
.....	3569, 3570, 3652
SOUND TRACK.....	3649
Soundstorm.....	3115, 3132
SOWA.....	3547
Star.....	3510
Sungale.....	3171
Superscan.....	3044
Supersonic.....	3013, 3617, 3631, 3664
Sv2000.....	3044
SVA.....	3500
Sylvania....	3044, 3079, 3346, 3379, 3383
Symphonic.....	3044, 3079, 3097
TCL.....	3392, 3407, 3431, 3446
.....	3447, 3512, 3707
Teac.....	3002, 3095, 3268, 3354, 3632
Technics.....	3107, 3272
Techwood.....	3162, 3198

SETUP CODES FOR DVD

Terapin.....	3170
Tevion.....	3043, 3060, 3072, 3078
.....	3112, 3129, 3146
Theta Digital.....	3002, 3268
Thomson.....	3339, 3388
THOMSON.....	3475, 3622
THOSHIBA.....	3433, 3461, 3634
.....	3635
TIANLI.....	3523
Tivo.....	3098, 3150
TOP TEC.....	3633
Toshiba.....	3001, 3011, 3073, 3173, 3174
.....	3261, 3290, 3329, 3373, 3374, 3387
Tredex.....	3135
Trutech.....	3204
TSINGHUA TONGFANG.....	3448
.....	3449, 3701
UNIREX.....	3636
United.....	3095
UNITRON.....	3633
VCD2.....	3637
Venturer.....	3095
Victor.....	3439, 3476, 3495
VIDEO CD.....	3645, 3646, 3647, 3648
Vifa.....	3442
VOX.....	3638
WANBAO.....	3688
Wanyan.....	3518
WEGA TANSS.....	3670
Wharfedale.....	3057, 3145, 3309
White Westinghouse.....	3079
X-BOX.....	3091
Xenius.....	3072
Xian pai.....	3462
Yamaha.....	3074, 3105, 3107, 3109
.....	3122, 3266, 3272, 3332, 3670
Yamakawa.....	3076, 3077, 3186
.....	3295, 3640
YMT.....	3695
YOUBISHEN.....	3507
Zenith.....	3020, 3063, 3261, 3271
.....	3283, 3289, 3335, 3381
ZONDA.....	3641, 3642
Other.....	3399, 3408, 3411, 3498, 3501
.....	3502, 3505, 3514, 3515, 3524, 3525
.....	3533, 3536, 3540, 3549, 3550, 3551
.....	3552, 3553, 3554, 3555, 3556, 3557
.....	3558, 3559, 3560, 3561, 3562, 3563
.....	3564, 3565, 3566, 3567, 3568, 3637
.....	3653, 3672, 3673, 3716, 3721, 3722
.....	3724, 3538, 3548, 3589, 3611

SETUP CODES FOR CD

ADC.....4051,4116
 Adcom.....4002,4077,4132,4145
 Aiwa.....4035,4098,4100
 4115,4129,4134
 Akai.....4016,4037,4075,4133
 Audio Alchemy.....4142
 Audio Technica.....4011,4136
 BSR.....4142,4147
 Burmester.....4157
 California Audio Labs.....4025,4118
 Capetronic.....4052
 Carrera.....4142
 Carver.....4019,4020,4031,4041
 4134,4139,4160
 Casio.....4039
 Centrios.....4109
 Citizen.....4027
 Crown.....4128,4128
 Curtis Mathes.....4039,4118
 DAK.....4147
 DBX.....4148
 Demon.....4113
 Denon.....4063,4170
 DKK.....4112
 Emerson.....4077,4101,4132
 4135,4152,4162
 Fisher.....4012,4021,4031,4032
 4045,4125,4139,4153
 Garrard.....4147,4149,4155,4157,4158
 GE.....4114
 Genexxa.....4042,4057,4101
 4119,4135,4152
 Goldstar.....4068,4156
 Harman Kardon.....4064,4079
 4134,4137,4159
 Hitachi.....4042,4119,4132
 Inkel.....4078
 JC Penny.....4039,4065
 JVC.....4089,4110,4123
 Kenwood.....4013,4036,4046,4049
 4053,4102,4117,4120
 4141,4164,4167
 Kodak.....4150
 Krell.....4020,4134
 Kyocare.....4116
 Kyocera.....4051
 Linn.....4134
 Luxman... 4022,4033,4047,4058,4126
 LXI.....4039,4152
 Magnavox.....4020,4073,4083
 4134,4152
 Magnavox CD-R.....4163
 Marantz.....4020,4043,4054
 4094,4118,4134,4140
 McIntosh.....4150
 MCS.....4039,4065,4118,4121
 MGA.....4079
 Mission.....4020,4134
 Mitsubishi.....4079,4090
 MTC.....4157
 NAD.....4082,4108
 Nakamichi.....4000,4087,4103,4131
 NEC.....4065,4121,4145
 Nexxtech.....4009,4048,4060
 4061,4072,4088,4096
 Nikko.....4012,4021,4101,4135,4136
 NSM.....4020,4134
 Onkyo.....4014,4023,4086
 4093,4127,4169
 Optimus... 4005,4031,4034,4038,4041
 4042,4044,4053,4055,4066
 4085,4112,4119,4120,4124
 4130,4138,4139,4142,4143
 4149,4152,4153,4157,4159
 4160,4161
 Panasonic.....4025,4070,4074,4099
 4107,4118,4151,4154,4165
 Paramount Pict.....4171
 Parasound.....4142,4157
 Philips.....4019,4020,4083
 4134,4150,4163
 Pioneer.....4030,4040,4042,4057
 4071,4080,4091,4119
 4146,4152,4161
 Proscan.....4122
 Proton.....4020,4134
 QED.....4134
 Quasar.....4025,4118
 Radio Shack.....4010,4024,4026
 4030,4041,4050,4055,4071
 RCA.....4008,4010,4018,4030,4031
 4071,4077,4104,4106,4111,4114
 4122,4132,4139,4152,4166
 Realistic.....4031,4034,4042,4052
 4054,4055,4077,4101,4132
 4135,4138,4139,4140,4157
 Rotel.....4020,4134,4157
 SAE.....4020,4134
 Samsung.....4084
 Sansui.....4001,4004,4020,4106
 4134,4144,4152

SETUP CODES FOR CD

Sanyo.....4015,4017,4031
 4045,4095,4124,4139
 Scott.....4077,4101,4132,4135,4152
 Sears.....4039,4053,4054,4152
 Sharp.....4053,4054,4120,4140,4168
 Sherwood.....4024,4044,4054
 4062,4078
 Shure.....4065
 Sony.....4007,4035,4073,4097,4112
 STS.....4051
 Sylvania.....4020
 Symphonic.....4056
 Teac.....4021,4029,4054,4055
 4056,4067,4081
 Technics.....4025,4074,4099,4107
 Theta Digital.....4083
 Toshiba.....4082
 Victor.....4089
 Yamaha.....4003,4013,4028
 4092,4105
 Zenith.....4006,4021,4059
 4069,4076

SETUP CODES FOR AMP

Aiwa.....	6086,6099,6111,6123,6158
Apex.....	6032
Apple ipod.....	6029
Bose.....	6115,6161
Carver.....	6023,6150
Centrios.....	6008,6138
Citizen.....	6041
Criterion.....	6060
Curtis Mathes.....	6151
Delphi.....	6062
Denon.....	6052,6124,6131,6144
Fisher.....	6005,6109
GE.....	6141
Goldstar.....	6037
Harman Kardon.....	6004,6069
Ipod.....	6010
JVC.....	6084,6095,6132,6154
Kenwood.....	6040,6068,6070,6089
.....	6122,6128,6155,6156
Koss.....	6013
Linn.....	6150
Luxman.....	6145
Magnavox.....	6005,6031,6036
.....	6038,6150
Marantz.....	6006,6061,6150,6153
Mitsubishi.....	6058
NAD.....	6077,6103,6129
Nakamichi.....	6153
NEC.....	6149,6015
Nexxtech.....	6008,6066,6081,6085
.....	6094,6112,6118,6138
Norcent.....	6059
Onkyo.....	6021,6108,6120,6126
Optimus.....	6002,6046,6048,6063
.....	6078,6104,6116,6130,6157
Panasonic.....	6009,6022,6096,6101
.....	6106,6114,6133,6136,6152
Parasound.....	6148
Philips.....	6005,6006,6017,6023
.....	6133,6150
Pioneer.....	6045,6054,6056,6075
.....	6137,6140,6151
Radio Shack.....	6002,6027,6028,6034
.....	6039,6045,6056,6074
.....	6075,6090,6130
RCA.....	6020,6025,6028,6030,6035
.....	6045,6047,6053,6057,6075,6076
.....	6090,6100,6105,6113,6117,6125
Realistic.....	6121,6157
RIO.....	6012
Saba.....	6011
Samsung.....	6000
Sansul.....	6139,6153
Sanyo.....	6014
Scott.....	6064
Sharp.....	6001,6083,6102
Sherwood.....	6034,6039,6073,6088
Shure.....	6149
Skyfi.....	6015
Sony.....	6007,6019,6024,6042,6050
.....	6065,6067,6080,6082
.....	6091,6127,6134,6135,6147
Soundesign.....	6141,6146
TAO.....	6015
Teac.....	6026,6044,6051,6056,6092
Technics.....	6009,6022,6096,6106
.....	6133,6136,6152,6160
Tevion.....	6060
Venturer.....	6016
Victor.....	6154
Wards.....	6140,6141,6146
XM Radio.....	6015
Yamaha.....	6043,6055,6071,6072,6087
.....	6097,6107,6110,6119,6142
.....	6143,6155,6159
Zenith.....	6003,6005,6012,6018,6033
.....	6037,6049,6078,6079,6093,6098

SETUP CODES FOR AUX

TAPE	
Carver.....	8113
Denon.....	8111
Harman/Kardon.....	8113
Magnavox.....	8113
Marantz.....	8113
Philips.....	8113
Sony.....	8115

CASSETTE DECK

Aiwa.....	8096,8097,8133
Akal.....	8104
Carver.....	8133
Denon.....	8089
Fisher.....	8088
Garrard.....	8106,8108
Garman/Kardon.....	8133
JVC.....	8101,8102
Kenwood.....	8086,8087
Magnavox.....	8133
Marantz.....	8084,8133
Mitsubishi.....	8104
Onkyo.....	8092,8093,8103
Optimus.....	8085
Philips.....	8133
Pioneer.....	8085
Sansul.....	8084,8133
Sherwood.....	8107
Sony.....	8094,8100,8105
Teac.....	8106
Technics.....	8099
Victor.....	8102
Wards.....	8085
Yamaha.....	8090,8091

HOME AUTOMATION

GE.....	8110
Lite Touch.....	8109
Radio Shack.....	8110
GE HOMEMINDER.....	8004
HOME AUTOMATION.....	8005
X10(NEC).....	8006

TURNTABLE

Aiwa.....	8114
Carver.....	8114
Magnavox.....	8114
Marantz.....	8114
Philips.....	8114
Sony.....	8115

VIDEO

Archer.....	8116
GC Electronics.....	8116
Jebsee.....	8116
Magnavox DSS.....	8128
Panasonic DVR.....	8142
Philips.....	8128
Philips DVR.....	8141
Philips/Magnavox.....	8128
Philips Web TV.....	8129
Radio Shack.....	8116
Replay DVR.....	8143
Sony DVR.....	8138,8139,8140
Sony Web-TV.....	8118
TeleCaption.....	8117
Web TV.....	8129
Web Video STB-2010.....	8134

AUDIO

Aiwa.....	8119,8123,8125
Fisher.....	8120
Harman/Kardon.....	8127
JBL.....	8127
JVC.....	8122
Nikko.....	8124
Paramount Pict.....	8211
Philips.....	8127,8144
Polytek.....	8145
RCA.....	8121
Schneider.....	8124
Scientific Atlanta.....	8126
Sony.....	8119
Soundesign.....	8124
SSI.....	8211

LD

Aiwa.....	8014
Carver.....	8009,8012,8017
Denon.....	8000,8008,8010
Disco vision.....	8007
Funai.....	8014
Harman/kardon.....	8012
Hitachi.....	8007
Magnavox.....	8012,8016
Marantz.....	8009,8012
Mitsubishi.....	8008
NAD.....	8008
Panasonic.....	8015

SETUP CODES FOR AUX

Philips.....	8009,8012
Pioneer.....	8000,8007,8008
Proscan.....	8001
Quasar.....	8015
RCA.....	8001,8137
Realistic.....	8014
Samsung.....	8017
Sanyo.....	8002,8136
Sega.....	8007
Sony.....	8003,8011,8013
Technics.....	8015
Theta Digital.....	8012
Yamaha.....	8016
Zenith.....	8002,8012,8136

TUNER/RECEIVERS

ADC.....	8076
Adcom.....	8077
Aiwa.....	8041,8045,8052,8069,8130
Akai.....	8036,8056
Archer.....	8116
Capetronic.....	8076
Carver.....	8028,8032,8052,8066,8130
Curtis Mathes.....	8031,8037
Denon.....	8027,8058,8081
Emerson.....	8070
Fisher.....	8032,8055,8066,8082
Garrard.....	8070,8071
Harman/Kardon.....	8040,8052,8130
.....	8131
Inkel.....	8034
JBL.....	8040
JVC.....	8035
Kenwood.....	8030,8032,8036,8051
.....	8060,8061
Kodak.....	8066
Krell.....	8046
Kyocare.....	8027
Linn.....	8052,8130
LXI.....	8050
Magnavox.....	8042,8052,8068
.....	8076,8130
Marantz.....	8031,8042,8052,8130
MCS.....	8031,8064
NAD.....	8062
Nakamichi.....	8038,8065
NEC.....	8057
Onkyo.....	8039,8043,8067
Optimus.....	8032,8037,8049,8050,8051
.....	8055,8076,8079,8080,8082,8132
Panasonic.....	8031,8059,8074
Philips.....	8052,8068,8130
Pioneer.....	8029,8037,8044,8076
.....	8078,8132
Proscan.....	8033
Quasar.....	8031
RCA.....	8033,8064,8066,8075,8076
Realistic.....	8046,8050
Sansui.....	8052,8064,8130
Sanyo.....	8054,8082
Scott.....	8046,8063
Sharp.....	8051
Sherwood.....	8034,8072,8073
Siemens.....	8070
Sony.....	8045,8047
Soundesign.....	8079
Teac.....	8046,8071
Technics.....	8031,8054,8059,8074
Victor.....	8035
Wards.....	8029,8032,8033,8037
.....	8045,8052,8130
Yamaha.....	8048,8051
Zenith.....	8083

SETUP CODES FOR AC

ALPIN.....	9115
AMICO.....	9325
AMCOR.....	9115,9320,9321,9322,9323
Aidelong.....	9038,9039,9040
Aitue.....	9108,9109,9110
Akira.....	9046
Aoli.....	9194
Aoke.....	9129,9130
Aucma.....	9019,9020,9021,9022
AUX.....	9123,9124,9125,9126
.....	9127,9128,9191
Baixue.....	9131
Beijingjingdian.....	9080
BELCOR CLASSIC.....	9115
Boerka.....	9065,9299
Borler.....	9134,9135
Bosgao.....	9115,9136,9137
Boshi.....	9313
Caixing.....	9002,9185,9186
Carrier.....	9003,9294,9295,9296
.....	9297,9298
Changfei.....	9187
Changhong.....	9003,9230,9237
.....	9238,9242,9253,9307
.....	9308,9309,9319
Changling.....	9004,9005,9006,9007
.....	9008,9009,9010,9011,9012,9189
Chuanghua.....	9115,9139
.....	9140,9288
Chunlian.....	9112,9203
Conrowa.....	9033,9041,9042
.....	9043,9044,9283
Corona.....	9255,9256,9257
.....	9258,9259,9260,9261,9262
Daewoo.....	9002,9033,9190,9191
Daikin.....	9284,9285,9286,9287
Dajinxing.....	9199,9200
Daotian.....	9180,9181
Diboer.....	9001,9002,9030,9031
Dongao.....	9001,9002,9030,9031
Dongxia.....	9115,9146,9148
Dongxibao.....	9082
Dunan.....	9003,9188
ELCO.....	9003
ELECTER.....	9002,9003,9115
.....	9325,9324
Falanbao.....	9001,9002
.....	9030,9031
Fedders.....	9205
Feigo.....	9288
Feiedrich.....	9204
Fujitsu.....	9272,9273
.....	9274,9275,9276
Geer.....	9196,9197
Galanz.....	9033,9079
Geweier.....	9001,9002,9030,9031
Geyang.....	9001,9002,9030,9031
Goldstar.....	9289
Gree.....	9095,9096,9190,9208
.....	9209,9210,9281,9282
Guangda.....	9115,9142,9143,9145
Guqiao.....	9119
Haier.....	9086,9186,9288,9291
Hisense.....	9028,9029
.....	9230,9233,9238
Hitachi.....	9006,9271
Huabao.....	9300,9301,9303
.....	9304,9305,9317,9318
Huagao.....	9001,9002,9030
.....	9031,9220
Huake.....	9154
Hualing.....	9031,9033,9052
.....	9053,9054,9119,9193
Huamei.....	9151
Huanghe.....	9081,9119
Huifeng.....	9059,9060,9061,9062
INYCIN.....	9002,9003,9030
.....	9031,9032,9033,9036,9037
.....	9079,9192
Jiale.....	9170
Jiangcheng.....	9001,9030
.....	9002,9031
Jiangnan.....	9198
JMSTAR.....	9149,9150
Jinbeijing.....	9157
Jinlu.....	9001,9002,9030,9031
Jinsong.....	9083,9084
Johson.....	9279
Jichun.....	9001,9002,9030,9031
Kangli.....	9088,9312
Keer.....	9001,9002,9030,9031
Kelong.....	9193,9266,9300
.....	9301,9302
Keming.....	9001,9002,9030,9031
Klimatair.....	9026,9189
Konka.....	9033,9158,9159
Kris.....	9179
MCQUAY.....	9292
Lange.....	9001,9002,9030,9031
LG.....	9204,9205,9206,9207
.....	9289,9290
LIANGYU.....	9003
LOREN-SEBO.....	9085,9189
MD.....	9003,9060,9201,9202,9217
Meidian.....	9001,9002,9030,9031

SETUP CODES FOR AC

Meiling.....	9296,9297,9298
Mingyi.....	9001,9002,9030,9031
Mitsubishi.....	9033,9055
.....	9056,9057,9058,9076,9080
.....	9192,9217,9220,9277,9278
.....	9279,9280,9283,9325,9503
National.....	9013,9115,9119,9120
NEC.....	9230,9231,9232,9233
.....	9234,9235,9236,9237
.....	9238,9239,9240,9241
.....	9242,9243,9244,9245
.....	9246,9247,9248,9249
.....	9250,9251,9252,9253
.....	9254
Nikko.....	9045
Ojun.....	9001,9002,9030,9031
OPAL.....	9115
Others.....	9064
Panasonic.....	9053,9054,9119
.....	9120,9121,9122
Panda.....	9092,9093,9094
Philips.....	9001,9002,9030
.....	9031,9114,9115,9116
Qidi.....	9133
Rayao.....	9306,9047,9048,9049
.....	9050,9051,9202,9261
RAYBO.....	9324
Rical.....	9160
Rijiang.....	9115,9161
Rowa.....	9063,9211,9212,9213
.....	9214,9215,9216,9217
.....	9218,9219,9220,9221
.....	9222,9223,9224,9225
.....	9226,9227,9228,9229
Saijo Denki.....	9296,9310,9311
Samsung.....	9023,9024,9025
.....	9026,9027,9189
Sandi.....	9132
Sanzuan.....	9165
SANYO NEC.....	9320,9321,9322,9323
Shangling.....	9033,9070,9071
.....	9072,9073,9074
SHARP.....	9115,9263,9264,9265
.....	9266,9267,9268,9269
Shenbao.....	9115,9163
Shengfeng.....	9013
Sacon.....	9115,9167
SHINING.....	9033
Sova.....	9303
STARWAY.....	9115
Sunburg.....	9065
TADIAIR.....	9320,9321,9322,9323
TADIRAN.....	9115,9320,9321
.....	9322,9323
TCL.....	9033,9079,9116,9117
.....	9118,9314
Teco.....	9086
Tianjinkongtiao.....	9175
Tianyuan.....	9105,9106,9107
Tobo.....	9066,9067,9068,9069
Tongyi.....	9001,9002,9030,9031
Toshiba.....	9003,9270
UNI-AIR.....	9088,9312
Wanbao.....	9102,9103,9104
Weili.....	9078,9087,9088
.....	9089,9090,9091
Weiteli.....	9195
Whirlpool.....	9115,9119,9279
Wufeng.....	9183,9184
SAST.....	9155,9156
UTTLEDUCK.....	9176,9177,9178
Xiayang.....	9001,9002,9030,9031
Xileng.....	9013,9111,9113,9186
FRESTECH.....	9115,9169
SHINCO.....	9099,9100,9101
.....	9173,9174
Xinle.....	9097,9098
YAIR.....	9000,9001,9002,9003
Yaoma.....	9171,9172
Yidazhou.....	9001,9002,9030
.....	9031
ELECTROLUX.....	9299,9316
York.....	9292,9293
Yutu.....	9013,9014,9015,9016
.....	9017,9018,9019,9033
.....	9308,9315
JINDA.....	9075
Zhongy.....	9182
Zuodan.....	9219

SETUP CODES FOR HTIB

(HOME THERTER IN A BOX)

AMW.....	015
APEX.....	011
BOSE.....	023
CENTERIOS.....	018,027,029
CLASSIC.....	031
CRITERION.....	014
DURABRAND.....	004,018
EMERSO.....	021
INSIGINA.....	028
JVC.....	002
KLH.....	012
KOSS.....	005
LENOXX.....	022
LG.....	026
MAGXAXBOX.....	008
MYRON&DAVIS.....	025
NESA.....	025
NEXXTECH.....	018,027,028
NORCENT.....	016
ONKYO.....	009
PANASONIC.....	003
PHILIPS.....	006
PIONEER.....	013,017
RADIO SHACK.....	001,007,018
RCA.....	018,020
REGENT.....	022
SABA.....	019
SAMSUNG.....	000,024
SELECTION.....	030,033
SONY.....	010
TECHWOOD.....	032
TEVION.....	014

UPHOLD®

Introducing

UPHOLD

- It can be used in most parts of the world.
- It can control most brands of devices that are commonly used in the world.
- Easy programming by auto-search or manual search.

