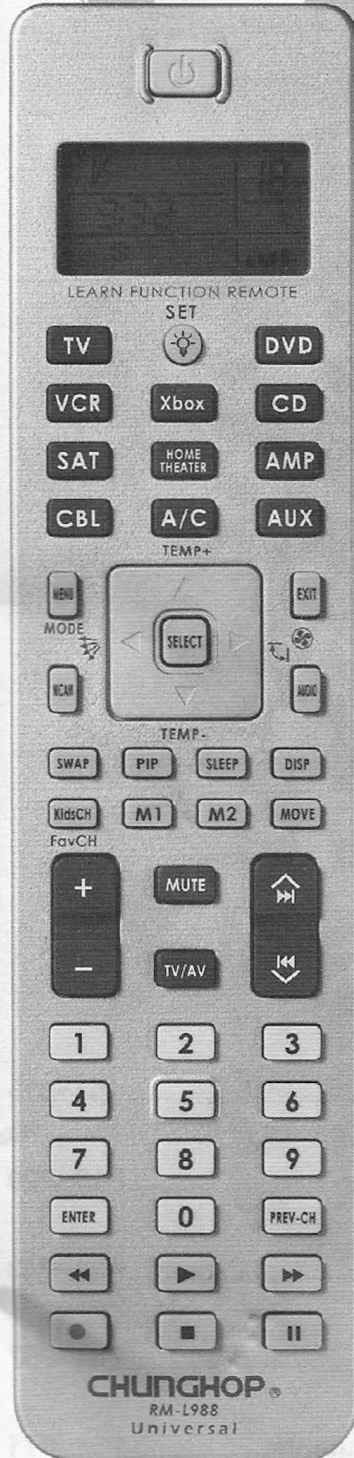


CHUNGHOP®

■ **RM-L988**

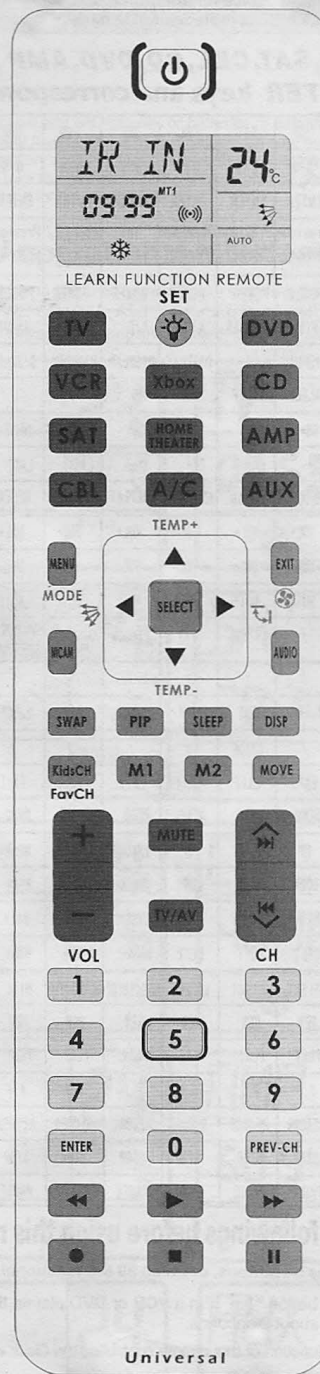
Operating Instruction



RM-L988

—— 1 IN 1 Universal Remote Controller

◎ Panel Explanation




ENGLISHp1~p15

FRENCHP16~P29

SPAISHP30~P43

PORTUGALP44~P57

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

 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

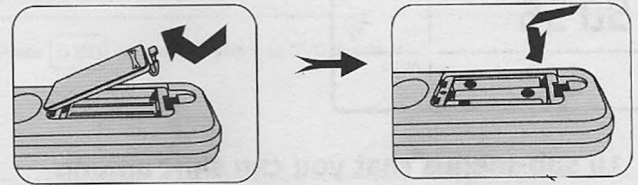
RF-LEAD	A/C	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
0	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1	ENTER		ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER
2	PREV-CH	Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN
3	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	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	NICHM	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	SNAP	SNAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE
16	AUDIO	AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE
17	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT
18	MENU	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
19	UP	UP	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP
20	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN
21	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT
22	LEFT	LEFT	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	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:

- This remote controller has 54 buttons, of which 39 are functional, and the rest 15 are not.
- When serving the record button "●" in a VCR or DVD player, the record button "○" needs to be pressed for about 2 seconds.
- 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.
- 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.
- 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.
- 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:



- Do not use new and old batteries or batteries of different models concurrently.
- 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.
- 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.

HTIB 024 24°C AUTO	TV 05 53 24°C AUTO
VCR 10 22 24°C AUTO	SAT 20 11 24°C AUTO
TV/TV 30 03 24°C AUTO	CD 40 38 24°C AUTO
CBL 50 02 24°C AUTO	AMP 60 54 24°C AUTO
XBOX 70 00 24°C AUTO	AUX 80 15 24°C AUTO



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 AMP 6000-6161
 XBUX 7000 AUX 8000-8165 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.

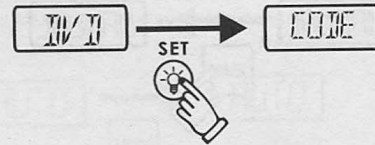
2. Press **DVD** key once to switch to DVD interface.

LCD:



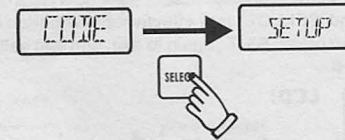
3. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state.

LCD:

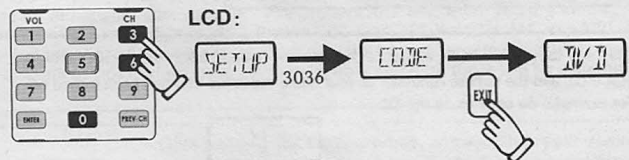


4. Press the "SELECT" key, to enter the settings state.

LCD:

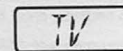


5. Input four-digit code 3036, if correctly, with a beep it returns to submenu "CODE" press button **EXIT** it will exit and save the setting. Check other buttons (except Button SET, Button EQUIPMENT, Button KidsCH, M1, M2) for functionality and end setting, or repeat procedure 4~5 (if code input is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



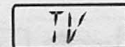
B. Method of manual search of code

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.



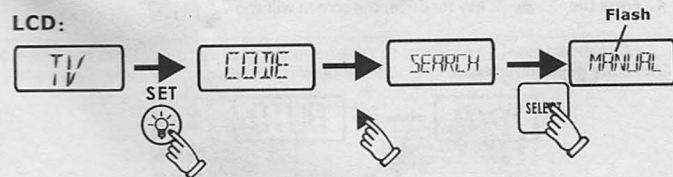
2. Press key **TV** once to switch to "TV" interface.

LCD:

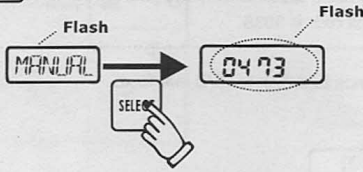


3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state; then press the "▶" key to show "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:

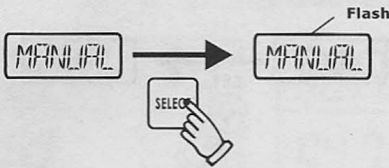


4. Press the "SELECT" key for once, the "Code" will blink.



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.

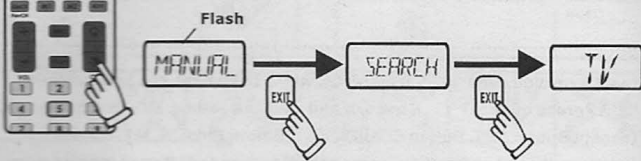
LCD:



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:



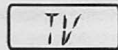
C. Fully automated search of code

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.



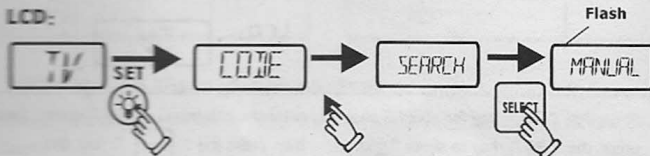
2. Press key "TV" once to switch to "TV" interface.

LCD:



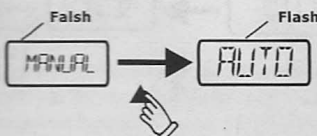
3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu screen at "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:



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

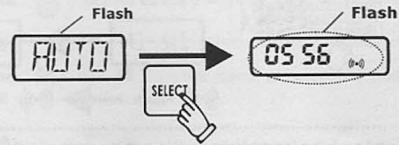
LCD:



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:



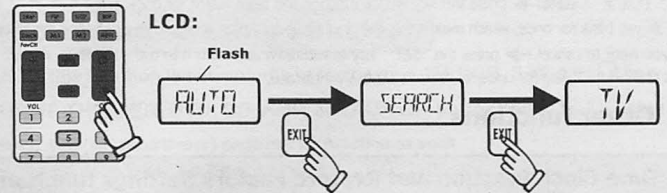
6. When a remotely controlled household appliance is shut down, with a prompt press of button "SELECT" the code of the appliance is locked (notes: TV, SAT, CBL, AMP, Xbox, and HOME THEATER will display "turn off" while A/C (air conditioner) displays "starting", and VCR, DVD, CD, and AUX display "play";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

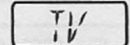


Learning function

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).



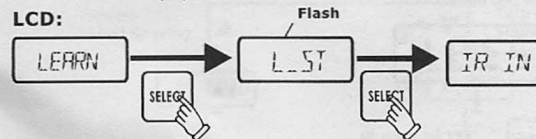
2. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu at the "LEARN" state.

LCD:

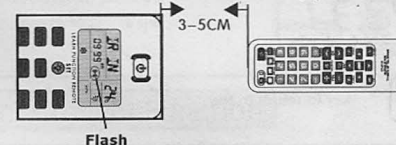


3. Press the "SELECT" key, the "LST" will blink; then press the "SELECT" key to enter the learning state, the "(())" will blink.

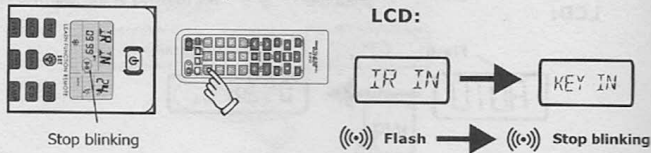
LCD:



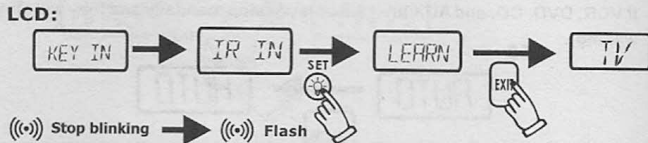
4. Point the emission direction of the remote controller to be learnt from at the signal window of this remote controller horizontally (at a distance of 3 to 5 cm).



- 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.



- 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".



Remarks: Cancel the learned function

E.g. Cancel the learnt TV interface

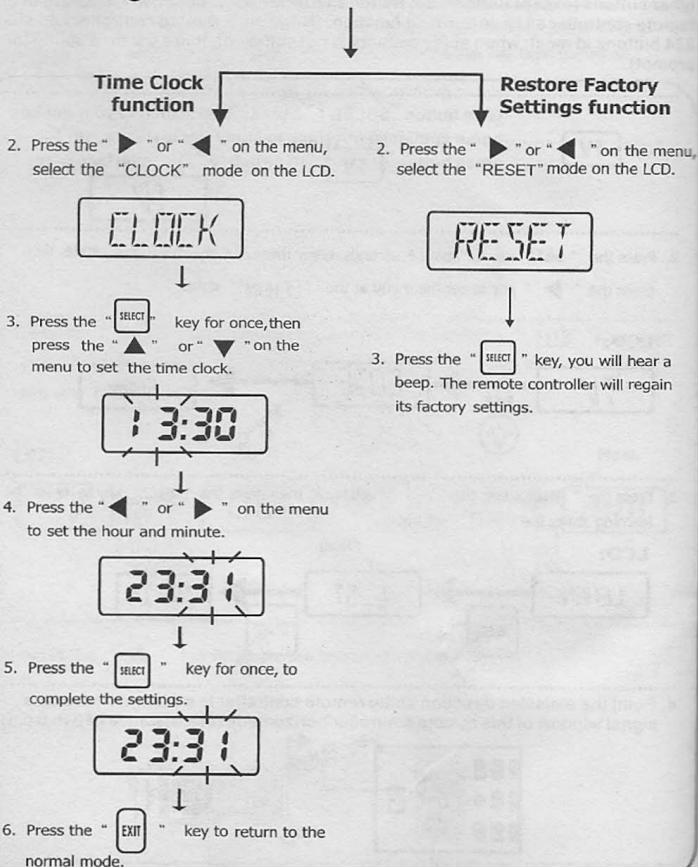
Press the "SELECT" key to shift to the TV interface, → press the "SET" key for about 5 seconds to enter the Settings state → press the "▶" key to shift to the "LEARN" state → press the "SELECT" key to enter → press the "▲" to shift to the "CLEAR" state. Press the "SELECT" key to the "CLEAR" state → press 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

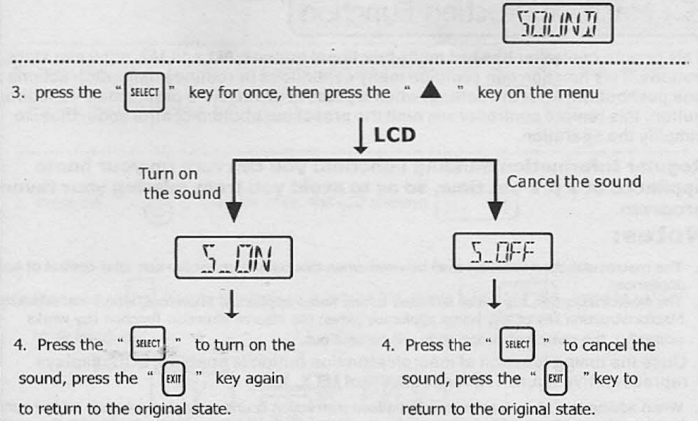
The following operation can be conducted on the 11 pages of TV, VCR, SAT, CBL, Xbox, HOME THEATER, A/C, DVD, CD, AMP, and AUX.

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



2. Key Sound On/Off Settings

- Press the "SET" key for about 5 seconds, to enter the Settings mode.
- Press the "▶" or "◀" on the menu, or select the mode on the LCD.

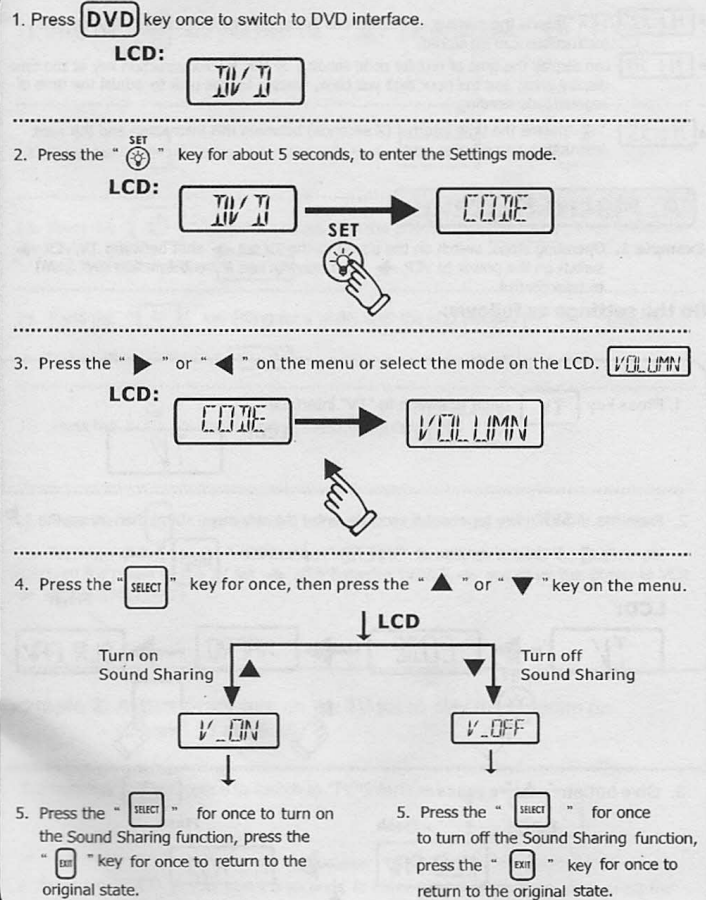


3. Sound Sharing Function

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:



4. Backlight Control Function

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



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:

- The Macroinstruction function shall be used when this remote controller can take control of home appliances.
- 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.
- Once the timing function of macroinstruction button is enabled, LCD displays representative figure 1, 2 respectively of MTX, X.
- 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 "SELECT" key to confirm, press the "EXIT" key to withdraw.
- The LCD displays **CLR M2**, meaning Cancel the settings at the M2 key. Press the "SELECT" key to confirm, press the "EXIT" 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 "SET" 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

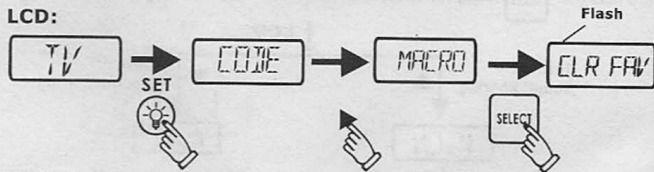
Example 1. Operating steps: switch on the power to the TV set → shift between TV/VCR → switch on the power to VCR → start playing, use a multi-function key "M1" to take control.

Do the settings as follows:

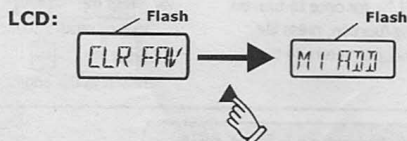
- Press key **TV** once to switch to "TV" interface.

LCD: **TV**

- 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 "SELECT" key.



- Give button "▲" a press.



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

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

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

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

- Press key "EXIT" twice to return to interface TV. Press key **VCR** once to select VCR interface;

LCD:



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

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

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

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

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

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

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

- 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)

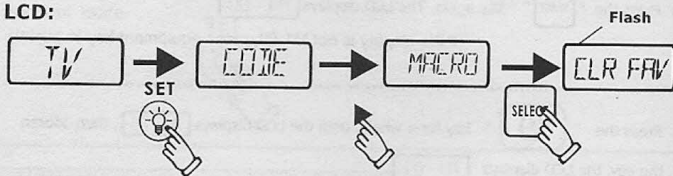
Example 2: Automatically turn on the TV set to play the program on Channel 13 at 19:30

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

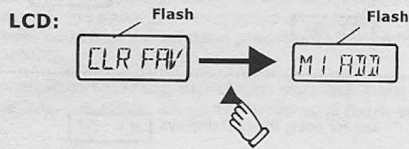
LCD: **TV**

- 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

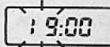
6. Press the "ENTER" key for a while, until the LCD displays M1 25; then loosen the key, the LCD displays M1 02

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 "⚙️" key for once, the LCD displays M1 TM

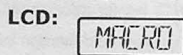
10. Press the "▲" or "▼" on the menu to set the time clock;



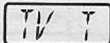
11. Press the "◀" or "▶" on the menu to set the hour and minute.



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



13. Press the "EXIT" key to return to the TV page. **LCD:**

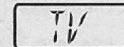


14. Aim the transmitting end of the remote controller at the receiving end of the TV set. When it is 19:30, the remote controller will turn on the TV, and play the program on **Channel 13**.

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

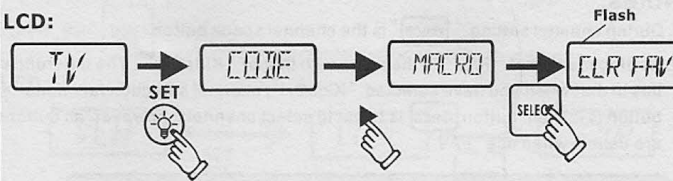
For example, press "12", "1", "9" to set "KidsCH":

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

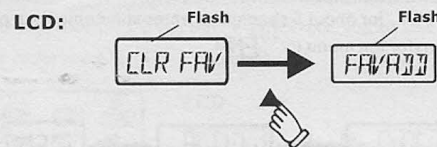


2. Press button "SET" for about 5 seconds to enter submenu, then press "▶" or "◀" to transfer the menu to "MACRO", then press button "SELECT".

LCD:



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



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".

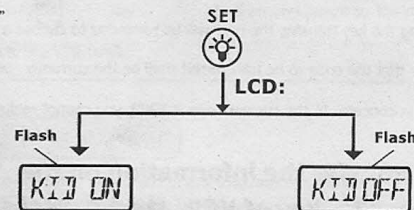
9. Press "1" likewise to display FAV 05 on the LCD, and release to display FAV 04

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 "⚙️"



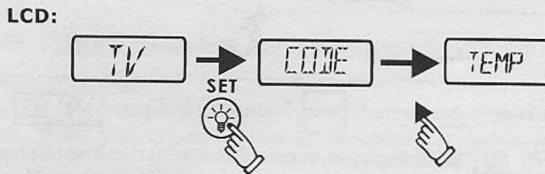
14. Then press **[SELECT]** return to interface **[MACRO]** to start "KidsCH" with "KIDS" displayed.
14. Press **[SELECT]**, return to interface **[MACRO]** to start "FAV".

Notes:

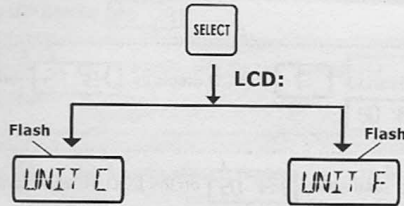
- During channel setting, **[KidsCH]** is the channel space button.
- Setting method of "FAV" is the same with that of "KidsCH". The difference lies in that when you have selected "KidsCH", channel selection functional button is locked, button **[KidsCH]** is taken to select channels; however, all buttons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



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

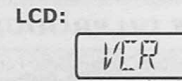
Transfer the function key of a home appliance to the function key of another appliance.

Notes:

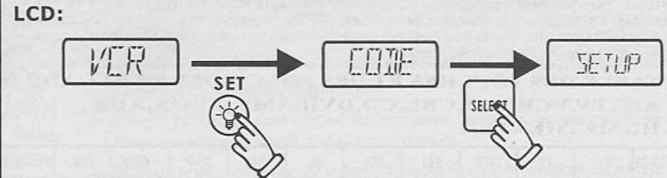
- The key transfer code and learning code are both X999. therefore, after starting the key transfer function, you may have to set a code before using the key transfer function. The TV code is pre-set to be 0999; the VCR code is pre-set to be 1999; and the SAT code is pre-set to be 2999; and the DVD code 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;
- When doing the key transfer, be sure to use a code that is not X999.
- 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.



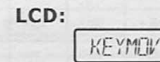
2. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state, then press the "SELECT" key.



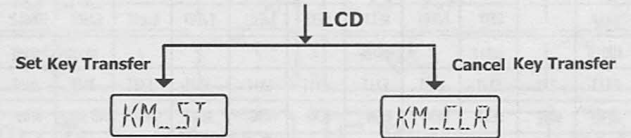
3. Enter a four-digit code 1999. If you enter a correct code, you will hear a beep, and the system will return to the "CODE" sub-menu.



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



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



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



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

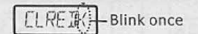


8. Press the **[SELECT]** key, the LCD displays **[FR KEY]**. Press the function key 6, the LCD displays **[TO KEY]**, then press the function key 7. Repeat this step to transfer the target key.

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

6. Press the **[SELECT]** key for once, the LCD displays **[CLRKEY]**

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



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

8. Press the **[SET]** key, the LCD displays **[KEYMOV]**

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.

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
 Cetricnic.....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
 Cinal.....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
 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
 FULL.....0601
 Funai.....0071,0094,0140,0175,0199
0224,0306,0309,0310
 Futuretec.....0199,0224
 Futuretech.....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
 HUANGHAIMEI.....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
 HUJIJABAN.....0655
 HUODAKEJI.....0555,0571,0586,0601
 ILO.....0116,0244,0253,0227
 IMA.....0254
 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 Penny.....0000,0005,0026,0027,0036
0080,0082,0098,0124,0133,0145
0148,0173,0196,0197,0200,0372
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
 JINGLIPU.....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
0579,0587,0594,0595,0597,0578
 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
0283,0310,0311,0316,0337,0351
 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
 Minut.....0200
 Mitsubishi.....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
 Motorol.....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
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 Shengfeng.....9013
 Sacon.....9115,9167
 SHINING.....9033
 Sova.....9303
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**SETUP CODES FOR HTB
 (HOME THERTER IN A BOX)**

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 DURABRAND.....004,018
 EMERSON.....021
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 JVC.....002
 KLH.....012
 KOSS.....005
 LENOXX.....022
 LG.....026
 MAGXAXBOX.....008
 MYRON&DAVIS.....025
 NESA.....025
 NEXXTTECH.....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
 SELECTRON.....030,033
 SONY.....010
 TECHWOOD.....032
 TEVION.....014