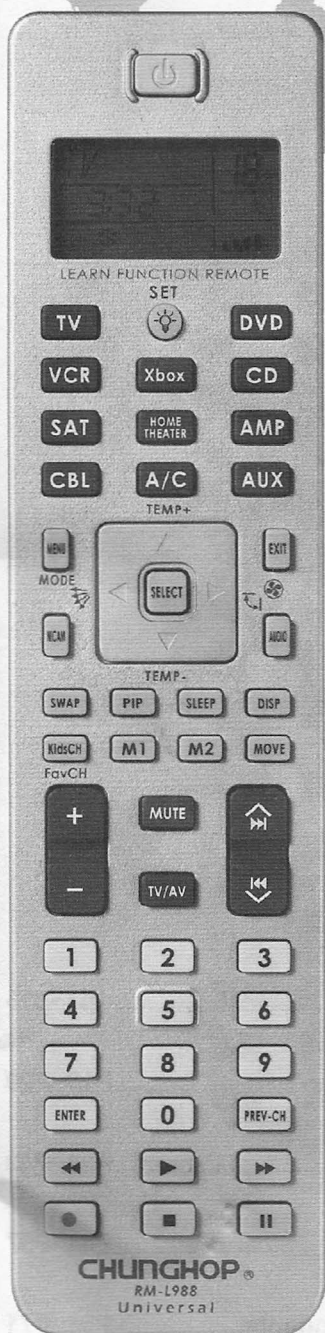


CHUNGHOP®

■ RM-L988

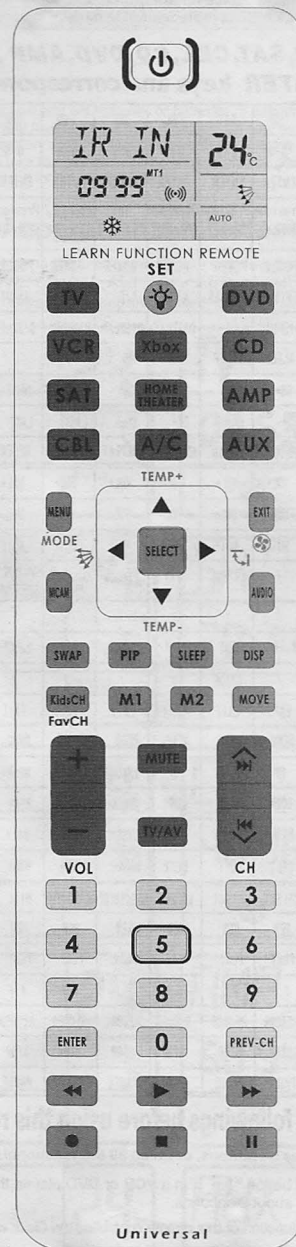
Operating Instruction



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

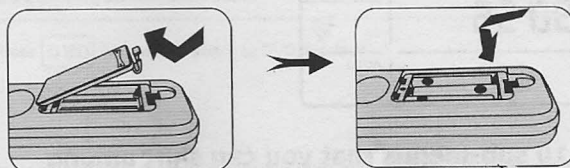
RM-11888	A/C	TV	VCR	SAT	CBL	CD	DVD	AMP	XBOX	AUX	HOMETHEATER
1. 0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9
2. ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	ENTER	100	ENTER	ENTER	ENTER
3. PREV-CH	Previous Channel	Previous Channel	Previous Channel	Previous Channel	10+	ENTER/ANGLE	Previous Channel	RETURN	RETURN	RETURN	RETURN
4. POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	ON/OFF	POWER	POWER	POWER
5. TV/AV	TV/AV	TV/VCR	TV/SAT	A/B	A/B	N/P	INPUT	CLEAR	TV/VCR	TV/VCR	TV/VCR
6. DISPLAY	DISPLAY	DISPLAY	/	DISPLAY	DISPLAY	DISPLAY	DISPLAY	DISPLAY	INFO	INFO	INFO
7. SLEEP	SLEEP	SLEEP	SLEEP	SLEEP	SLEEP	/	/	/	INFO	SLEEP	SLEEP
8. CH+	CH+	CH+	CH+	CH+	CH+	NEXT	NEXT	CH+	CH+	CH+	CH+
9. CH-	CH-	CH-	CH-	CH-	CH-	LAST	LAST	CH-	CH-	CH-	CH-
10. MUTE	ADD/DELETE	ADD/DELETE	RADIO	ADD/DELETE	REPEAT	REPEAT	REPEAT	X	CC	CC	CC
11. VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+
12. VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-
13. MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE	MUTE
14. PIP	PIP	/	VIEW	FAV	RANDOM	DISK/B	RANDOM/SURROUND	START	PIP	PIP	PIP
15. MOVE	MOVE	/	/	/	/	/	/	ENT	CHAP+	CHAP+	CHAP+
16. SNAP	SNAP	EJECT	NEXT	NEXT	EJECT	EJECT	EJECT	EJECT	TOGGLE	TOGGLE	TOGGLE
17. AUDIO	AUDIO	/	GUIDE	/	/	/	/	GUIDE	GUIDE	GUIDE	GUIDE
18. EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	BACK	QUIT	QUIT	QUIT
19. MENU	MENU	MENU	MENU	MENU	MENU	PROG	MENU	PROG	DVD MENU	MENU	MENU
20. UP	Temp+	UP	UP	UP	UP	TRACK+	TRACK+	REAR+	UP	UP	UP
21. DOWN	Temp-	DOWN	DOWN	DOWN	DOWN	TRACK-	TRACK-	REAR-	DOWN	DOWN	DOWN
22. RIGHT	N. WING	RIGHT	RIGHT	RIGHT	RIGHT	DISK+	DISK+	BAL+	RIGHT	RIGHT	RIGHT
23. LEFT	N. WING	LEFT	LEFT	LEFT	LEFT	DISK-	DISK-	BAL-	LEFT	LEFT	LEFT
24. SELECT	SELECT	SELECT	SELECT	SELECT	SELECT/DISK	OK/CHAPTER	DISK	OK	OK	OK	OK
25. REM	REM	REM	REM	REM	REM	REM	REM	REM	REM	REM	REM
26. F.F	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	RECORD
28. STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP	STOP
29. PAUSE	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 "RECORD" in a VCR or DVD player, the record button "RECORD" 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	24°C	TV	24°C
024		0553	
	AUTO		AUTO
VCR	24°C	SAT	24°C
1022		2011	
	AUTO		AUTO
TV/D	24°C	CD	24°C
3003		4038	
	AUTO		AUTO
CBL	24°C	AMP	24°C
5002		6054	
	AUTO		AUTO
XBOX	24°C	AUX	24°C
7000		8015	
	AUTO		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
 XB0X 7000 AUX 8000~8165 A/C 9000~9337 HTIB 000~033

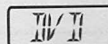
A. Method of code entry

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.

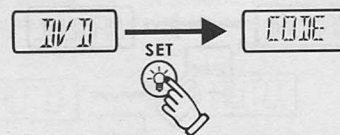
2. Press **DVD** key once to switch to DVD interface.

LCD:



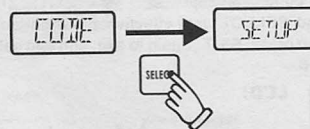
3. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state.

LCD:

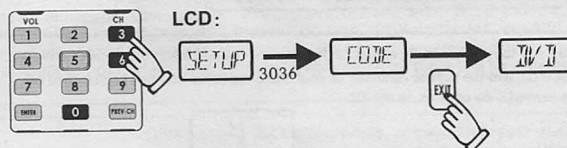


4. Press the "SELECT" key, to enter the settings state.

LCD:

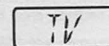


5. Input four-digit code 3036, if correctly, with a beep it returns to sub-menu "CODE" press button "EXIT" it will exit and save the setting. Check other buttons (except Button SET, Button EQUIPMENT, Button KidsCH, M1, M2) for functionality and end setting, or repeat procedure 4~5 (if code input is wrong,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



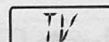
B. Method of manual search of code

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.



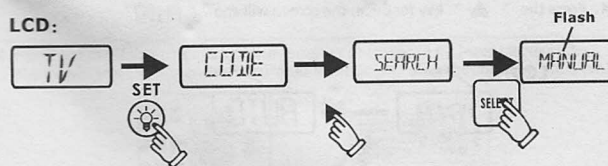
2. Press key **TV** once to switch to "TV" interface.

LCD:

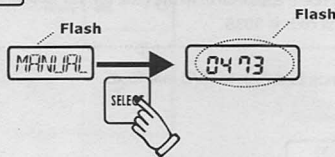


3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state; then press the "▶" key to show "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:

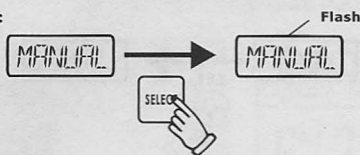


4. Press the "SELECT" key for once, the "Code" will blink.



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.

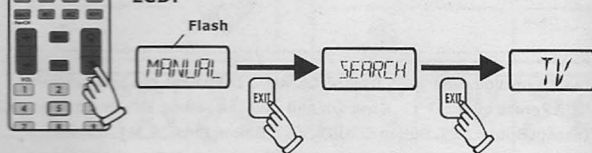
LCD:



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.

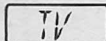
6. Check if other buttons (except "▲", "▼", "EXIT", "EQUIPMENT", "KidsCH", "M1", "M2", and "SELECT") are effective, press button EXIT and return to menu "SEARCH", then press "EXIT" again to exit, and end setting, or repeat procedure 4~6.

LCD:



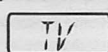
C. Fully automated search of code

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.



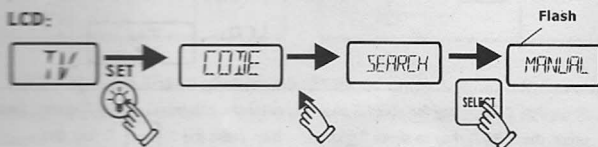
2. Press key "TV" once to switch to "TV" interface.

LCD:



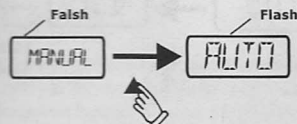
3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu screen at "SEARCH", then press the "SELECT" key, the "MANUAL" will blink.

LCD:



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

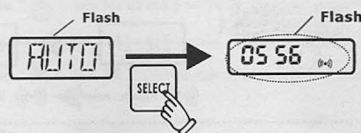
LCD:



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

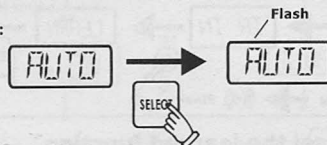
Note: press the "▲" key to move to the previous code.
press the "▼" key to move to the following code.

LCD:



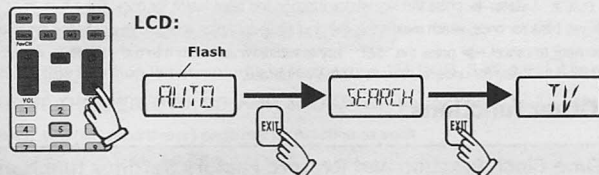
6. When a remotely controlled household appliance is shut down, with a prompt press of button "SELECT" the code of the appliance is locked (notes: TV, SAT, CBL, AMP, Xbox, and HOME THEATER will display "turn off" while A/C (air conditioner) displays "starting", and VCR, DVD, CD, and AUX display "play";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

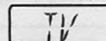


Learning function

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).

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).

1. TV



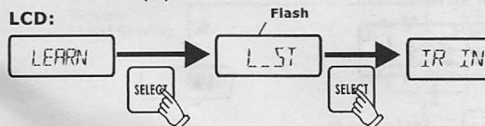
2. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶" key to set the menu at the "LEARN" state.

LCD:

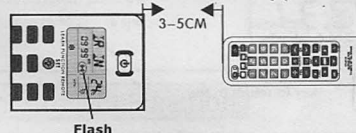


3. Press the "SELECT" key, the "LST" will blink; then press the "SELECT" key to enter the learning state, the "(())" will blink.

LCD:

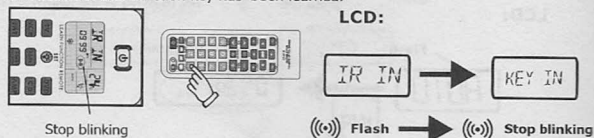


4. Point the emission direction of the remote controller to be learnt from at the signal window of this remote controller horizontally (at a distance of 3 to 5 cm).

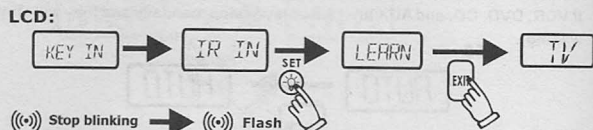


Flash

- 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

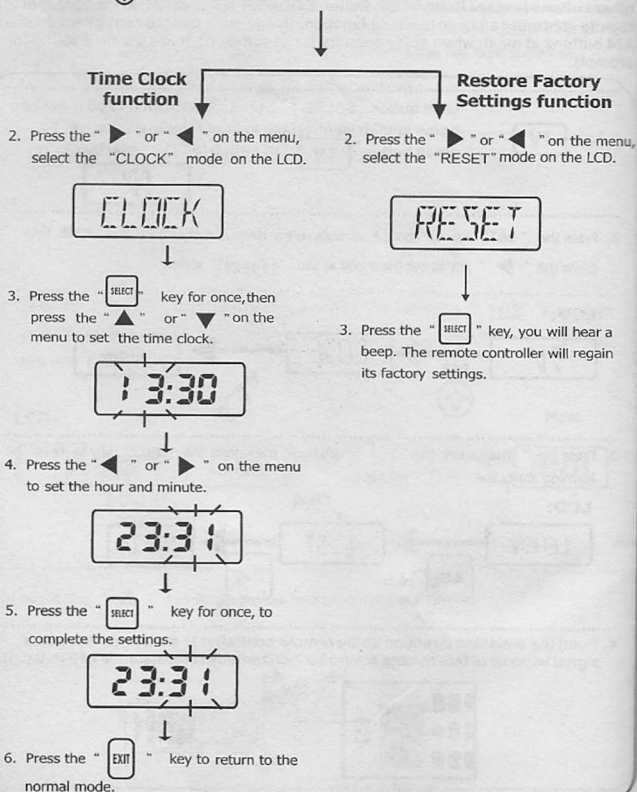
Press the "SELECT" key to shift to the TV interface, → press the "SET" key for about 5 seconds to enter the Settings state → press the "▶" key to shift to the "LEARN" state → press the "BACK" key to enter → press the "▲" to shift to the "CLEAR" state. Press the "BACK" key to the "CLEAR" state → press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

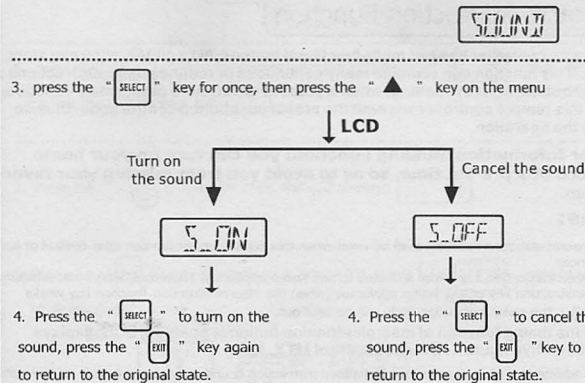
- Press the "SET" key for about 5 seconds to enter the Setting mode;



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.



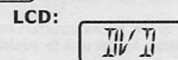
3. Sound Sharing Function

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.

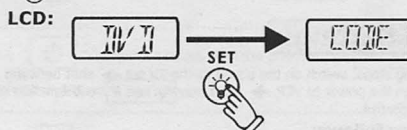
Note: A/C (air-conditioner) page has no function as such.

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

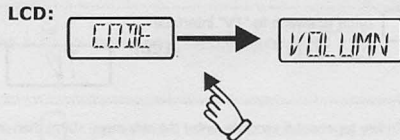
- Press DVD key once to switch to DVD interface.



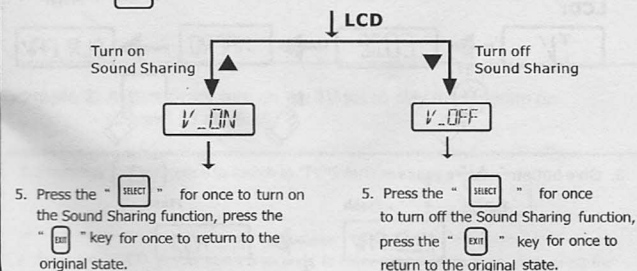
- Press the "SET" key for about 5 seconds, to enter the Settings mode.



- Press the "▶" or "◀" on the menu or select the mode on the LCD.



- Press the "SELECT" key for once, then press the "▲" or "▼" key on the menu.



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:

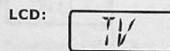
- The LCD displays **CLR M1**, meaning Cancel the settings at the M1 key. Press the "SELECT" key to confirm, press the "OFF" key to withdraw.
- The LCD displays **CLR M2**, meaning Cancel the settings at the M2 key. Press the "SELECT" key to confirm, press the "OFF" key to withdraw.
- The LCD displays **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.

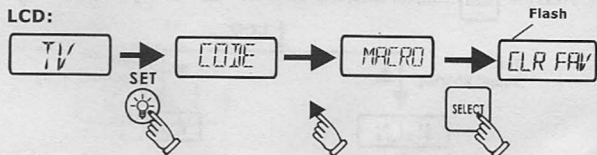
Do the settings as follows:

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



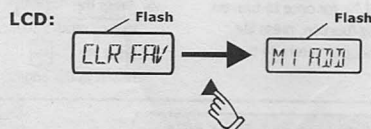
- Press the "SET" key for about 5 seconds, enter the sub-menu state, then press the "▶" key or "◀" to set the menu at "MACRO", press the "SELECT" key.

LCD:



- Give button "▲" a press.

LCD:



- Press the "SELECT" key again. The LCD displays **M1 00**.

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

- Press the "ON" 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 "ON" 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.

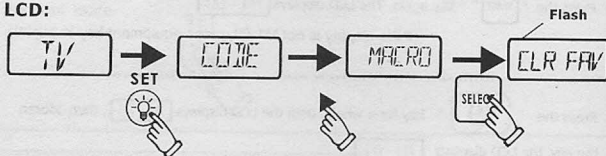
Namely, you can use the multi-function key "M1" to take control of the steps: Switch on the power to the TV set → shift between TV/VCR → switch on the power to VCR → start playing (PLAY)

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

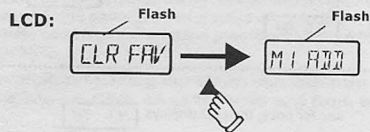
- Press key **TV** once to switch to "TV" interface.



- 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 "POWER" 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;

19:00

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

19:30

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

LCD: MACRO

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

TV T

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**.

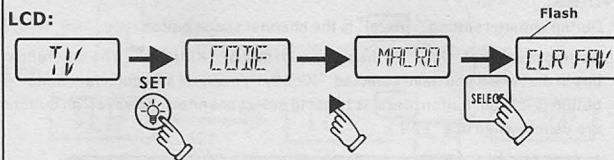
6. Kids channel (KidsCH) and Favorite channel (FAV)

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

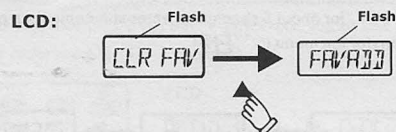
1. Press button "TV" to switch to "TV" interface.

TV

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".

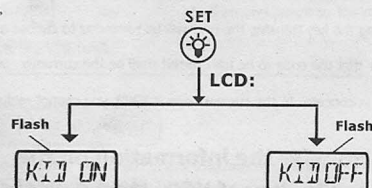
9. Press "1" likewise to display **FAV 05** on the LCD, and release to display **FAV 04**.

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 "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:

- 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".

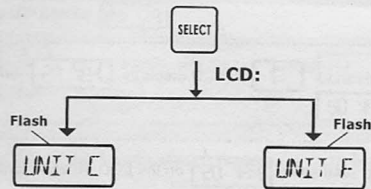
7. Celsius-Fahrenheit switching function

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

LCD:



- Press "SELECT", then press "▼".



- Press "SELECT", return to interface "TEMP" where the current temperature displayed is Celsius degree.
- 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 0999;
- 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.

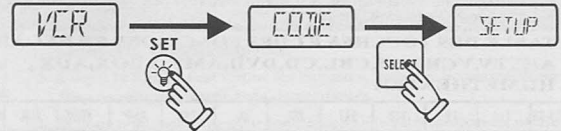
- Press key "VCR" once to switch to VCR interface.

LCD:



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

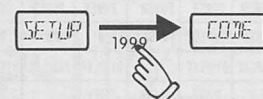
LCD:



- 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.



LCD:

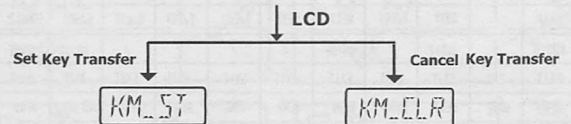


- Press the "▶" or "◀" on the menu, or select the mode on the LCD. "KEYMOV"

LCD:



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



- Press the "SELECT" key for once, the LCD displays



- Press the "▲" key on the menu, the LCD displays



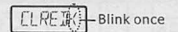
- Press the "SELECT" key, the LCD displays "FR KEY". Press the function key 6, the LCD displays "TO KEY", then press the function key 7. Repeat this step to transfer the target key.

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

- Press the "SELECT" key for once, the LCD displays



- Press the key whose information has been transferred, the LCD displays



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

- Press the "SET" key, the LCD displays "KEYMOV"

- 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 "B" 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
.....0581,0582,0583,0584,0585,0586
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
Centurion.....0124
Celebrity.....0195,0331
Celeria.....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
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
.....0564,0569,0581,0602,0733
.....0782
HITCHI FUJIAN.....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
.....0561,0570,0579
HUAFU.....0561,0570,0579
HUANGHAI.....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 CROWN.....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
.....0188,0126,0140,0229,0232,0414
.....0767
INTEL.....0182,0274
Inteq.....0015,0284
Janel.....0201,0288,0394
JBL.....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
JINGLIPIU.....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
JUHAU.....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
KUAILI.....0570,0579,0587
.....0607,0610,0633
KUNLUN.....0555,0565,0566,0575
.....0576,0579,0587,0593,0594,0596
Kurzai.....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
.....0201,0274,0288,0300,0310,0330
.....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
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.....0184,0196,0197,0276,0281,0299
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Mitsubishi.....0000,0020,0026,0124
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 Pilot.....0000,0276,0281,0283
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 0121,0124,0127,0129,0150
 0167,0170,0179,0181,0182
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CRITERION.....	014
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INSIGNIA.....	028
JVC.....	002
KLH.....	012
KOSS.....	005
LENOXX.....	022
LG.....	026
MAGXAXBOX.....	008
MYRON&DAVIS.....	025
NESA.....	025
NEXSTECH.....	018,027,028
NORCENT.....	016
ONKO.....	009
PANASONIC.....	003
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