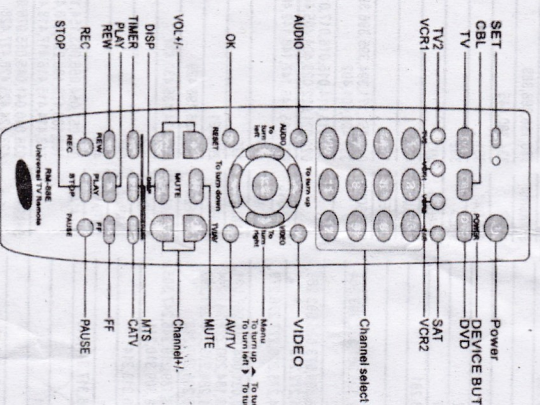


About this Remote controller

Thank you for using our products... Read the instructions carefully before using our products for convenience.

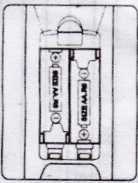
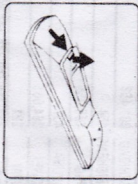
Panel Description



Setting up the remote controller

Before you can start using the controller, you must first set it up. This manual describes everything you need to know to set up the controller. Including:

- Installing the batteries
Pressing the controller with codes for your TV-set
Presenting steps



Notes on batteries

- Do not take more than 5 minutes to replace the batteries...
Under normal conditions, batteries will last up to 12 months...
Do not mix old and new batteries...
Do not mix different types of batteries together...
Do not mix the electrolyte leads inside the battery compartment...

Programming of TV

Entering the code number

Flowchart for entering the code number. It includes a diagram of the remote with 'Set' and 'TV' buttons highlighted, and a decision tree for whether the indicator light is on or off.

set Up By Manual Search

If you have trouble all the codes under the brand name, the remote control still does not work... The device still can not be controlled by this remote control...

- 1. Because some device work slowly for the POWER signal...
2. Whenever you want to leave search mode, press the device key and the LED will turn off.
3. In the search mode besides the [POWER] key, all other key's function can be checked normally...
4. The [FRCZ] button will leave search mode automatically if no key is pressed in 30 seconds.

Set Up By Auto Search

- 1. Power on the device you want to control...
2. Press and hold [SET] key, in the meantime, press and hold the [POWER] key...
3. See if the device react or not...
4. Test if the other keys work good enough...

Remark:

1. whenever you want to leave Auto Search mode, press any key (except [SET] key) to quit and the LED will be off...
2. When remote control searches through all different types of codes (about 5 minutes), LED will have been on for 2 seconds...
3. In case of you do not stop the auto search on time when you find the device react, you may use Manual Search to search back to find the reactive code.

Device Lock/Unlock

This function will make one device code fixed and can not be changed by code setup by Manual Search or Auto search.

- 1. Press and hold the [SET] key...
2. If you want unlock the current code, press and hold the [SET] key then press and hold device key such as TV1...

Factory Reset

1. The fixed code can be changed by unlock or reset only...
2. Only one code can be locked in all devices...

Go back to the code preset in the factory

Press and hold [SET] key then press device key like TV1... The LED will be on then release the both pressed key...

Punch-through function:

When you change the device from one to another, if another device doesn't have volume key and mute key, the remote control will remain the volume key and mute key or last device.

Device code display:

The device code is a 3-digit number and any one of the digits can be indicated:
1. Press and hold the [SET] key...
2. Release the both pressed keys...
3. Count the times that the LED blinks, and the blinking time is the digit...

Others

1. After you have finished set-up, first please press the device key (TV or VCR...) on remote control that you want to use...
2. If you find your remote control disordered, several times to discharge the unit and then you put the batteries again, your remote control may be normally now.

Programming of DVD

Entering the code number

Flowchart for entering the code number for DVD. It includes a diagram of the remote with 'Set' and 'DVD' buttons highlighted, and a decision tree for whether the indicator light is on or off.

Set Up By Manual Search

If you have trouble all the codes under the brand name the remote control still does not work, the device still can not be controlled by this remote control, or you can not find the correct brand in the Device Code List, you can use Manual Search to find out the correct code.

1. Power on the device that you want to control. If it is a VCR, it must be inserted with a tape.
2. Press and hold [SET] key and press the device key(DVD etc)at the same time.
3. The LED will be on at the remote.
4. Then release the pressed keys.

1. First press the [SET] key again, then release it. The remote control enters into Manual Search Mode and the LED keeps flashing.

5. Point the remote control to the device and then press the [POWER] or [PLAY] key. See if the device reacts or not. If it reacts, turn to step F. If not, repeat step E(press the [POWER] key) every 1 second.
6. Test other keys, if they do not work good enough, return to step A.

Remark:

1. Because some device work slowly for the POWER signal, maybe your searching code pass in search process, you can press[SET] key to switch between Forward and Backward to change search direction and find the right code quickly.

2. Whenever you want to leave search mode, press the device key and the LED will turn off.

3. In the search mode, besides the [POWER] or [PLAY] key, all other key's function can be checked normally. That is to say you can test other keys without leaving search mode. 4. If the JRC22B unit will leave search mode automatically if no key is pressed in 30 seconds.

Set Up By Auto Search

This search is similar to Manual Search but the remote control transmit the power signal automatically instead of manually pressing power key.

1. Power on the device you want to control. If it is a VCR, it must be inserted with a tape.
2. Press and hold [SET] key in the meantime, press and hold the [POWER] key for more than 2 seconds and then release them, the auto search begin. The remote control enters into Auto Search LED flashing and remote control transmits power signal every 2.0 seconds automatically.
3. See if the device react or not, once the device reacts, press any key(except SET key) to stop the auto search.
4. Test if the other keys work good enough. If most keys work not good enough, please go to step B-D using Auto Search again to find the best code.

Remark:

1. Whenever you want to leave Auto Search mode, press any key (except SET key) to quit, and the LED will be off. The search is over.

2. When remote control searches through all different type of codes (about 5 minutes), LED will have been on for 2 seconds, then the remote control will quit from search process automatically.

3. In case of you do not stop the auto search on time when you find the device react, you may use Manual Search to search back to find the reactive code.

Device Lock/Unlock

This function will make one device code fixed and can not be changed by code setup by Manual Search or Auto search.

1. Press and hold the [SET] key. Strike the device key that you want to fix such as [TV], [SAT], [VCR], [DVD], etc. then input the [9][1] code, then release

the both pressed keys, the LED will blink twice then off, the code of the current device are locked.

2. If you want unlock the current code, press and hold the [SET] key, then press and hold device key such as TV. Then press the [9][2] code, then release the both pressed keys, the LED will blink twice and then off, the current code unlocked.

Remark:

1. The fixed code can be changed by unlock or reset only.

2. Only one code can be locked in all devices. If you try to set this function at difference of models, the system would reserve the last setup only. You can make the operation of lock under any device.

Go back to the code preset in the factory

Press and hold [SET] key, then press device key, like DVD. The LED will be on, then release the both pressed key, and [950] code, the LED will blink third, then be off.

Punch-through function:

When you change the device from one to another, if another device doesn't have volume key and mute key, the remote control will remain the volume key and mute key or last device.

Device code display:

The device code is a 3-digit number and any one of the digits can be indicated:

1. Press and hold the [SET] key, in the mean time press the digit that you want to display such as 1, 2 or 3.
2. Release the both pressed keys.
3. Count the times that the LED blinks, and the blinking time is the digit. If there is no blink, the digit is zero.

For example:

SET + (first digit)

LED blinks 1 time

SET + (second digit)

LED blinks 3 times

SET + (third digit)

LED blinks 8 times

The indicated code is: 138

Others

1. After you have finished set-up, first please press the device key (DVD or VCR...) on remote control that you want to use, then operate your remote control normally.

2. If you find your remote control disorder, several times to discharge the unit and then pull out the batteries again, your remote control may be normally now.

To set **CSL** and **SAT**, you can change device key and repeat TV setting process. To set **VCR1** and **VCR2**, you can change device key and repeat DVD setting process.

Checking if the code number works

1. Power on the device you want to control. Let the device such as TV, VCD, DVD is on.

2. Point the remote controller at your devices such as TV, VCD, DVD to check

whether the every button can work normally, such as MUTE button.

Note: The remote controller setup will be finished as subject to all function-buttons are natural. You must look up the other code or use auto-searching function if the part of function-button don't work or don't correspond with the function of panel.

Operating the controller

1. Point the controller directly at your TV set. Press "power" button to start or close your TV set.

2. Press the other button of the function you want to use, check whether operation of other button is at normal state.

Note:

● Using this controller will not increase the functions of your TV set. The functions of the controller are limited to line functions of your TV set itself.

For example: if your TV set does not have a muting function, the "muting" button on this controller will not function with your TV set.

● Some functions of your TV set may not work with this controller.

● Some functions of the controller may not be the same as the functions described on the buttons.

Trouble shooting

● If you have problems in setting up or using the controller:

● When setting up the controller carefully go through the steps described in "setting the code". If the code that is listed first for your TV set does not work, try all the codes for your TV set in the order in which they are listed. If all the codes fail to work, try the steps in "Searching for the correct code".

● If you make a mistake in setting up, you should only enter the 3-digit code again so long as the light is still on. But you have to repeat setup if the light is out.

● Check that you are aiming the controller directly at the TV set and that there are no obstructions between the controller and the TV set.

● Make sure that you are using new and not old batteries and that they are inserted correctly. Note that the new and old batteries are not to be used together. The preset codes are erased from the memory and set.

● Check that your TV set has receiver capability. For example, if your TV set did not come with a remote controller, it probably is not capable of being controlled by a remote controller.

● If you do not operate properly, the controller will close down. At this time you have to remove the batteries and wait for 20 minutes. Insert the batteries again and the controller receiver again.

Specifications

Operable distance: More than 8 meters. Power requirements: Two size AA batteries. Dimensions: 50x155x22mm(WxHxD) Mass: approx. 100g (not including batteries)

Service

If you have troubles in using the controller and the "Trouble shooting" can not help you, please contact us. We will do our best to service you. Please don't open the controller by yourself. We will not take the responsibility if you open it by yourself.

CODE FORM FOR THE COMPONENTS

TV

Brand Code

CHANGHONG 000, 008, 009, 010, 011, 014, 016, 026, 028, 033, 051, 052, 057, 058, 067, 071, 088, 087, 088, 091, 092, 093, 100, 159, 162, 182, 183, 184, 226, 288, 338, 389, 290, 291, 292, 297, 300, 336, 337, 338, 372, 413, 414

PANDA 001, 009, 011, 016, 021, 022, 023, 024, 025, 026, 027, 033, 040, 043, 051, 053, 056, 057, 058, 061, 062, 073, 079, 089, 091, 101, 124, 125, 181, 203, 204, 208, 263, 264, 298

KONKA 011, 017, 029, 032, 034, 054, 067, 069, 071, 073, 077, 078, 079, 080, 091, 101, 113, 079, 157, 163, 164, 165, 177, 210, 235, 250, 251, 252, 253, 294, 295, 296, 297, 301, 302, 303, 321, 323, 324, 345, 365, 368, 392

XIAHUA 011, 016, 024, 025, 027, 033, 053, 054, 055, 056, 060, 073, 079, 080, 085, 098, 099, 217, 217, 218, 229, 230, 231, 262, 295, 358, 363, 369, 370

SKYWORTH 011, 025, 033, 045, 046, 060, 070, 071, 072, 073, 074, 079, 083, 101, 107, 108, 109, 143, 160, 168, 169, 170, 176, 180, 181, 194, 195, 196, 197, 198, 199, 200, 232, 234, 275, 276, 277, 280, 281, 282, 283, 284, 308, 310, 311, 312, 325, 326, 327, 346, 347, 357, 390, 391, 396

HISENSE 000, 006, 007, 008, 010, 014, 015, 025, 045, 046, 057, 102, 103, 105, 107, 115, 116, 128, 129, 130, 131, 138, 139, 171, 172, 173, 174, 185, 186, 187, 188, 189, 190, 191, 224, 225, 233, 263, 266, 269, 270, 271, 273, 274, 299, 304, 305, 306, 307, 309, 318, 319, 339, 340, 341, 342, 348

TCL 051, 053, 068, 071, 073, 082, 083, 084, 085, 110, 111, 144, 155, 169, 206, 216, 243, 244, 245, 246, 247, 248, 249, 313, 314, 315, 316, 317, 320, 343, 344, 349, 350, 382, 383, 384

GOLDSTAR 007, 008, 011, 014, 024, 025, 032, 033, 039, 051, 057, 065, 071, 072, 079, 364, 367, 097, 102, 107, 138, 225, 227, 391, 367, 368

HAIER 103, 105, 112, 118, 119, 175, 178, 185, 186, 187, 188, 201, 205, 206, 218, 272, 356, 380, 415, 416

SONY 005, 041, 049, 094, 106, 140, 237, 238, 239, 240, 405, 406, 407

PANASONIC 001, 002, 014, 015, 020, 021, 022, 059, 066

HITACHI 000, 006, 007, 008, 010, 014, 015, 027, 048, 179, 228, 373

SHARP 003, 016, 017, 025, 135, 136, 137, 371

PHILIPS 013, 023, 024, 039, 040, 043, 141, 241, 242, 377, 378

DAEWOO 011, 051

MUDAN 001, 002, 010, 016, 020, 021, 022, 025, 032, 033, 039, 040, 043, 053, 055, 059, 059, 060, 042, 043, 049, 051, 053, 056, 079, 091, 122, 126, 233, 265, 298, 351, 376

BEILING 008, 011, 012, 016, 018, 021, 023, 024, 025, 026, 027, 028, 029, 030, 031, 033, 034, 040, 043, 053, 055, 059, 059, 060, 042, 043, 049, 051, 053, 056, 079, 091, 122, 126, 233, 265, 298, 351, 376

SAMSUNG 039, 040, 043, 050, 051, 091, 113, 123, 375, 376

SANYO 007, 006, 014, 015, 033, 035, 053, 056, 079, 105, 132, 133, 134, 202, 223, 352, 353, 354

HITACHI 004, 065, 011, 016, 024, 025, 033, 053, 056, 079

XIHU 019, 098, 131, 204, 219, 220, 221, 222

TOSHIBA 000, 007, 008, 014, 015, 016, 027, 028, 030, 053, 056, 079, 089, 090, 091, 159, 285, 286, 287, 355

GAOLUHUA 000, 006, 007, 008, 010, 016, 025, 033, 045, 046, 048, 053, 055, 056, 073, 099, 131, 204, 258

LEHUA 011, 013, 016, 023, 024, 025, 040, 043, 086, 127, 248, 267, 268

TORO 016, 025, 033, 053, 056, 077, 079, 101, 103

FUJI 007, 001, 015, 025, 026, 028, 033, 034, 040, 043, 053, 056, 060, 061, 065, 079, 102

CHANGCHENG 001, 011, 012, 016, 018, 019, 023, 024, 025, 026, 027, 028, 029, 030, 031, 033, 040, 042, 043, 053, 056, 079

ANHUA 001, 017, 032, 047

CHUNSHUN 011, 016, 025

DONGDA 016, 025

DONGHAI 016, 025

FELU 011, 016, 025

HUANGHUI 016, 025

HUANGSHAN 011, 016, 024, 024, 025, 032, 033, 040, 043, 053, 056, 079

HAYAN 011, 023, 024, 033, 040, 043, 053, 056, 079

HUARI 007, 033, 053, 056, 079

HAILE 032, 047

HAIRONG 103, 268

HUANYU 009, 011, 015, 023, 024, 033, 040, 043, 053, 056, 057, 058, 079

HONGMEI 003, 009, 010, 016, 018, 023, 024, 025, 033, 040, 043, 056, 057, 058, 079

JIUHUA 011, 023, 024, 033, 040, 043, 053, 056, 079

HONGYAN 011, 033, 053, 056, 079

JINHAI 009, 057, 058, 099

JINGFENG 001, 011, 021, 022

SHENCAI 007, 016, 025, 033, 053, 056, 079, 057, 101

SHAOFENG 000, 006, 007, 011, 015, 023

SHENYANG 011, 016, 025, 033, 045, 046

SONGBAI 016, 025

SANYUAN 003, 011, 016, 018, 023, 024, 025, 040, 043

TASHAN 011, 016, 025, 027, 028, 029, 030, 031, 038, 042

SANJIAN 033, 053, 056, 079

TIANG 003, 011, 018

TONGJIANG 033, 053, 056, 079

XINGSHI 016, 025, 033, 053, 056, 079

SHANSHU 008

JIANSHENG 104

WARUJIA 012, 031, 042

XIANGYANG 033, 053, 056, 079

XINFU 016, 025

XINRONG 009, 057, 058, 101

YUANG 016, 025, 024, 025, 040, 043

YONGSU 016, 023, 024, 025, 040, 043

YONGBAI 009, 057, 058

ZHUHAI 016, 025, 042

888PA 033, 053, 056, 079

GANKIN 011, 017, 023, 024, 027, 040, 041, 043

HUAFU 007, 016, 025

HUANGJING 033, 053, 056, 079, 238

FEILANG 016, 025

FEIYAN 033, 053, 056, 079

JVC 089, 161

FEIYUE 011, 016, 023, 024, 025, 040, 043

XINSIDA 123

NEC 089, 140

CALLING 102

ADOLPHU 158, 166, 167, 365, 366

SHENCAI 007, 016, 025, 033, 053, 056, 079, 057, 101

SHAOFENG 000, 006, 007, 011, 015, 023

SHENYANG 011, 016, 025, 033, 045, 046

SONGBAI 016, 025

SANYUAN 003, 011, 016, 018, 023, 024, 025, 040, 043

TASHAN 011, 016, 025, 027, 028, 029, 030, 031, 038, 042

SANJIAN 033, 053, 056, 079

TIANG 003, 011, 018

TONGJIANG 033, 053, 056, 079

XINGSHI 016, 025, 033, 053, 056, 079

SHANSHU 008

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WARUJIA 012, 031, 042

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SHANSHU 008

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WARUJIA 012, 031, 042

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YUANG 016, 025, 024, 025, 040, 043

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YONGBAI 009, 057, 058

ZHUHAI 016, 025, 042

888PA 033, 053, 056, 079

GANKIN 011, 017, 023, 024, 027, 040, 041, 043

HUAFU 007, 016, 025

HUANGJING 033, 053, 056, 079, 238

FEILANG 016, 025

FEIYAN 033, 053, 056, 079

JVC 089, 161

FEIYUE 011, 016, 023, 024, 025, 040, 043

XINSIDA 123

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CALLING 102

ADOLPHU 158, 166, 167, 365, 366

SHENCAI 007, 016, 025, 033, 053, 056, 079, 057, 101

SHAOFENG 000, 006, 007, 011, 015, 023

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SONGBAI 016, 025

SANYUAN 003, 011, 016, 018, 023, 024, 025, 040, 043

TASHAN 011, 016, 025, 027, 028, 029, 030, 031, 038, 042

SANJIAN 033, 053, 056, 079

TIANG 003, 011, 018

TONGJIANG 033, 053, 056, 079

XINGSHI 016, 025, 033, 053, 056, 079

SHANSHU 008

JIANSHENG 104

WARUJIA 012, 031, 042

XIANGYANG 033, 053, 056, 079

XINFU 016, 025

XINRONG 009, 057, 058, 101

YUANG 016, 025, 024, 025, 040, 043

YONGSU 016, 023, 024, 025, 040, 043

YONGBAI 009, 057, 058

ZHUHAI 016, 025, 042

888PA 033, 053, 056, 079

GANKIN 011, 017, 023, 024, 027, 040, 041, 043

HUAFU 007, 016, 025

HUANGJING 033, 053, 056, 079, 238

FEILANG 016, 025

FEIYAN 033, 053, 056, 079

JVC 089, 161

FEIYUE 011, 016, 023, 024, 025, 040, 043

XINSIDA 123

NEC 089, 140

CALLING 102

ADOLPHU 158, 166, 167, 365, 366

SHENCAI 007, 016, 025, 033, 053, 056, 079, 057, 101

SHAOFENG 000, 006, 007, 011, 015, 023

SHENYANG 011, 016, 025, 033, 045, 046

SONGBAI 016, 025

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ONGHUA		
LONGFANG		
HIDA	202	
SHIDA	118	
SANSUNG	004,006,017,049,104,149,202,232,268	
MITSUBISHI	215	
SAIYO	233,234	
SHANSHU	013,046,351,353	
SIHONG	319	
SUOHUA	155	
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THOMSON	083,290	
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WANGBO	236	
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WEIFA	050	
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HITER	089	
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LEPON		
LG	006	
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VOX	246	
MEGAFANSS	278	
YAMAHA	248	
YASHANG	357	
ZOR2004	333	
OTHER BRAND		
007,016,019,106,109,110,113,122		
123,133,133,157,141,144,148,156		
159,160,161,162,163,164,165,166		
167,168,169,170,171,172,173,174		
175,176,245,261,280,281,324,329		
330,332,381,387,409,410,411,412		
413,414,415,416,417		

VCD

Brand	Code	248,333
AILUIGTH		
BRAND	216,217	
DONGNIN	028,025,249	
DVD	173	
FF	089,094,097	
Haoji	220,250	
Hier	251	
JVC	075,083,084,197,252	
LG	165,253	

Brand	Code	223,254,255
OKON		
MPAUSONIC	053	
PHISONER	082	
RMS	266	
SAST	177,211,212	
SKWORTH	257	
TCL	158,142,194,206,207,293,299,280	
THAARAL	261,262,263,264,265	
THOMSON	105,106,107,108,109	
THOMSON	234	
VDO	150,151,164,266	
VICTION	080,081	
Video	199	
AYUN	287	
AMQAO	033,281,282	
ALER MANGI	218,219,339	
BILMANTE	218,217,283,281	
CANI	079,299	
CAXING	1,238,245	
CHANGHONG	028,029,042,300,301,302,303,304	
DAEWOO	238,237,312	
AUDIO	045,048,058,059,073,085,093,268	
AIWA	289,270,271,172,273	
AIWA	060,071,274,275,276,277,278,279	
280		
BBK	010,011,030,031,044,046,087,091	
175,178,183,184,200,229,241,244		
285,286,281,288,289,290,291,292		
293,294,295,296,297,298		
SKWORTH	161,181,188,189,210,246,247,305	
306,307,308,309,310,311		
DESAI	182,225,310,313,314	
DUE	084,315	
DIE	221,228,316,317,318,319	
DIGITAL	320	
DOWDA	008,004,321	
DONGJENG	077,322	
DONGJENG	059,068,070,074,323,324	
DOUGSHI DVO	195	
PHILIPS	039,057,169,226,326,327,328,333	
FENDA	329	
GO DSTAR	144	
HATER	330	
HENSENSE	331,332,333,334	
HUMBO	185,213,214,215,336,336,337,338,339	
HUJIA	340	
JIABO	341	
KENWOOD	032,096,226,342,343	
JIEME	239,344,345,346,347	
JINGE	036,037,187,348,349,350	
JINWANGDVO	190	
JINWANGE	351,352	
JINZHENG	088,090,098,099,100,101,402,103	
104,152,153,151,222,230,231,232		
233,240,243,353,354,355,356,357		
358,359,360,361,362,363,364,365		
366,367		
JUGAO	368	
KANGJIA	369	
KETAI	166,370	
LINGSHUWA	191,371	

Brand	Code	372
LONGZHIFAI		
MALANSHI	067	
PINGAO	373,374	
QISHENG	000,005,006,008,009,162,162,375	
376,377,378,379,380,381,382		
QIXING	242	
QIXING	242	
QINBAOSHENG	208,383,209	
HITACHI	035	
RISHENG	110,111,112,113,114,115,116,117	
118,119,120,121,122		
SHANSHU	174,201,394,395,396,397	
SHANSHU	370,398,398,399	
SVA	334,390,445	
SHILONG	391	
SUDA	392	
SIGA80	393	
SIHONG	403	
SUOHUA	403	
TANGDEJING	176	
PANASONIC	049,051,171,394,395,396,397,398	
399,400,401,402		
SONY	002,013,014,015,016,017,018,019	
020,021,022,023,024,405,406,407		
076,145,146,147,148,149,408		
409		
WANGBO	420	
WANYAN	420	
WEIFA	022,421	
WINEER	072,068,196,429	
PIONEER	423,434,435,436,437	
HYUNDAI	225	
XIANHUA	066	
XINTIANLI	446	
050,052,054,056,063,154,155,156		
160,166,179,180,224,410,411,412		
413,414,415,416,417,418,419		
038,040,041,045,055,078,095,422		
423,424,425,426,427,428		
061,062,168,211,212,227,430,431		
432,433,434,435,436,437		
007,012,026,027,047,092,159,167		
334,438,439,440,441,442,443,444		
445		
PANAOA	193,203,204,205,447,448,449,450,451	
161,452		
YALIA		
YITONG	123,124,125,126,127,128,129,130	
131,132,133,134,135,136,137,138		
139,140,141,142,143		
YINZHIBAO	001,453	
YU98SHENG	454	
455,456		
LINSHUWA	437	
ZHOUWEI	064,065	
XIANPI	221	
OTHER BRAND		
191,457,458,459,460,461,462,463,464		
465,466,467,468,469,470,471,472,473		
474,475,476,477,478,479,480,481,482		
483,484,485,486,487,488,489,490,491		
492,493,494,495,496,497,498,499		