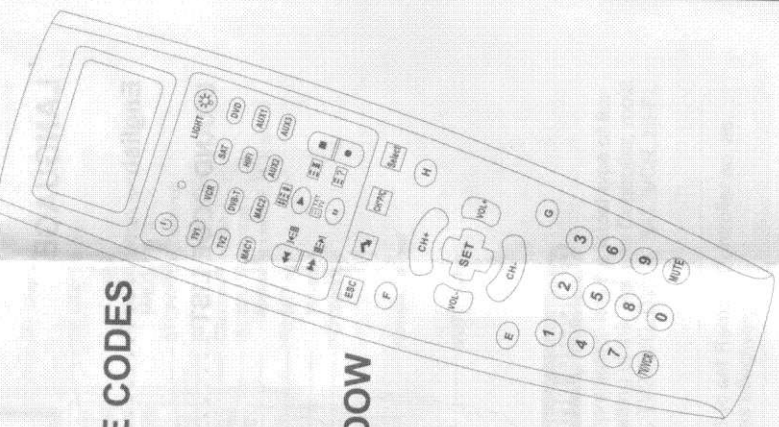


149.506



- CODE NUMBER LIST
- LISTE DE NUMEROS DE CODES
- LIJST CODENUMMERS
- KODENUMMER LISTE
- LISTA NUMMEROW KODOW

RC8

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KODENNUMMER LIJSTE

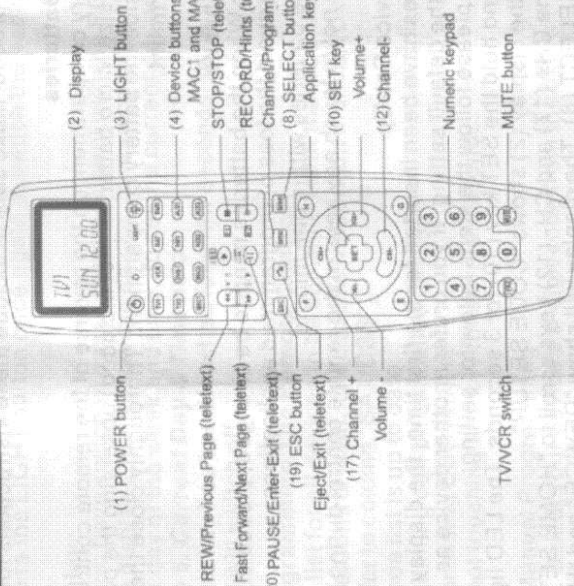
LISTA NUMMER KODOW

RC8

## User's Guide

RC8

### Location Of Controls



### Introduction to the product

Your wise selection of our product is deeply appreciated. It is the latest type of the Multi-function Remote Controller. By simple setting of this Remote Controller, most household electronic appliances, such as TV1, TV2,DVD, DVB-T, SAT, VCR, HI-FI, AUX1,AUX2, AUX3 can be easily controlled.

**NOTE** Please follow the SETTING STEPS to set Remote Controller so as to control your electronic appliances effectively.

## INSTRUCTION MANUAL

Please read these instructions carefully before using your remote control, and keep them in a safe place for future reference. When passing on the product make sure to include these instructions for use.

### 1. Inserting Batteries

Open the battery compartment on the reverse of the remote control and insert two AAA size Micro batteries (not included) observing the polarity instructions inside the battery compartment. Thoroughly close the battery compartment.

#### 1.1 Battery Change

**Please note:** When the batteries need to be changed, please observe the following to avoid the loss of programmed applications:

- Change the batteries within one minute.
- Make sure not to touch any keys of the remote control during this.

#### 1.2 Home Device Set-Up

When batteries have been inserted for the first time, the display will show "TV1" as the default setting. If you prefer another device as default device, please follow the steps below for setting:

1. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display (2) shows "CODE SETUP".
2. Using the CH+ (17) and CH- (12) keys scroll to "HOME SET".
3. Press SELECT (8). The display will show "DEVICE" and "HOME BANK".
4. Now press the respective device button (4).
5. Press SELECT (8) to confirm your selection, or ESC (19) to abandon.

The default device is now set. Whenever you change batteries now, the display will initially show your preset device.

### 2. Backlight

Your remote control display (2) has a backlight. Use the LIGHT button

(3) to switch the backlight on and off.

Once you have pressed the LIGHT button, the backlight switches on and will go out after a few seconds. Touching any key on the remote control will now automatically activate the backlight for a few seconds, unless you press the LIGHT button once again to switch the backlight off.

### 3. Display

Once you have switched on the remote control with the POWER button (1), the display (2) will show the device, for example "TV1", and the current day of the week and time. To set the current day and time please refer to **5. Current Day & Time** below.

When no key has been touched for a few seconds, the display/remote control will switch off.

### 4. Programming The Remote Control

A code list for all devices to be controlled with the RC8 Universal Remote Control is attached to this instruction manual (DVBT products, pls. refer to column "SAT/DSS").

This code list is up to date.

Programming can be cancelled any time

- by pressing ESC (19), or

- by not touching any key for several seconds.

#### 4.1 Manual Programming

1. Select your device's 3-digit code from the list.
2. Switch on the device to be controlled.
3. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display (2) shows "CODE SETUP".
4. Press SELECT (8) to enter code set-up.
5. Press the respective DEVICE button (4) on your remote control, for example TV1.
6. Enter the 3-digit code applicable for your device. The display (2) will briefly show "SUCCESS" and then day, time and the device last selected again. The LED goes out and programming is

completed.

Check whether all applications of your device can be operated with the remote control keys. (see "Verify Programming")

#### 4.2 Manual Code Search Programming

If your device cannot be controlled upon manual programming or its code is not in the list, program your remote control using the manual code search programming function.

1. Turn on the device to be controlled and aim the remote control at the device.
2. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
3. Using the CH+ (17) and CH- (12) keys scroll to "CODE SRCH".
4. Press SELECT (8) to enter the code search mode. The display shows "SRCH", the device last programmed, and the current code. For example: "SRCH TV1 040".
5. Press the respective DEVICE button (4) on your remote control. The display will show the selected device and the code last entered.
6. Press the CH+/- keys (17/12) approx. every 2 seconds to automatically select the code that might be applicable for your device. Once the right code has been found, your device will switch off.
7. Press SELECT (8) to confirm the setting. The display will briefly show "SUCCESS" and then day, time and the device last selected again. The LED goes out and programming is completed.

Check whether all applications of your device can be operated with the remote control keys. (see "Verify Programming")

#### 4.3 Verify Programming

When programming is completed, check whether it was successful by following the steps below:

- Switch on the device to be controlled.

- Aim your remote control at the device and press the respective DEVICE button (4) (e.g. TV1). For example: Press the POWER button (1) to see whether it switches the device off.

- Now, on your remote control, check the buttons applicable for the device.

Should your remote control still not work, check the codes list again and repeat the programming procedure (manual or code search) until you find the correct code.

Please remember that the function of the keys may vary depending on the device's brand.

#### 4.4 Code Lock

Your RC8 Universal Remote Control features a locking function to disable the code set-up and avoid accidental change of the code setting. To activate the code lock, please proceed as follows:

1. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
2. With the CH+/- keys (17/12) scroll to "DEVICE SET".
3. Press SELECT (8) to enter the device set-up mode. The display shows UNLOCK (which is the default setting).
4. With the CH+/- keys (17/12) you can switch to LOCK.
5. Press SELECT (8) to confirm the setting. The display will briefly show "SUCCESS" and then day, time and the device last selected again.

Should you now try to enter the code set-up and change the code, the display will show INVALID and set-up mode is terminated. To unlock the code set-up again, repeat the above procedure and select UNLOCK.

#### 5. Current Day & Time

The default setting of the day and time display is "SUN 12:00". To set the current day and time, please proceed as follows:

1. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
2. With the CH+/- keys (17/12) scroll to "CLOCK SET".
3. Press SELECT (8) to enter the clock set mode. The display shows the day and time with the day flashing.
4. Use the CH+/- keys (17/12) to select the current day.
5. Press SELECT (8) to confirm the setting.
6. The hours of the time display start flashing. Repeat step 4 and 5 to set the current hours. Now the minutes of the time display will start flashing. Repeat steps 4 and 5 again to set the minutes.
7. The display will briefly show "SUCCESS" and then the current day, time and the device last selected.

#### 6. Macro Keys

Your remote control has two MACRO keys (4): MAC1 and MAC2. Each of the keys can be programmed to perform up to 15 control commands (including the DEVICE buttons), i.e. you will be able to execute several control commands in the order they were stored by one touch of the respective MACRO key.

##### 6.1 Programming The MACRO Key

1. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
2. Press the Macro key (4) you would like to program, e.g. MAC1. The display shows "MAC1 Key1".
3. Now press the buttons, the application of which you would like to activate successively in the respective order. (Press the SET button (10) to stop the programming mode.)
4. Finally, press the MACRO key (4) again. The procedure is completed, the LED is off.

For example:

You wish to store the following control command sequence on MAC1:  
TV1 on Switch to TV/VCR VCR1 on Play Switch to TV.

Then, you have to enter as follows:

SET—MAC1—TV1—POWER—TV/VCR—VCR1—POWER—PLAY  
—TV1—MAC1

In case, more than 15 control commands have been selected or no button was pressed for more than 30 seconds, programming stops automatically, the LED goes out and the previous setting of the MACRO key will be stored.

##### 6.2 Delete The Settings

1. To delete the MACRO key settings, press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
2. Press the respective MACRO key (4). The display will show the Macro key, e.g. MAC1, and the number of keys programmed.
3. Press the MACRO key again. Any control command previously stored is now deleted.

#### 7. Reset All

To erase all programmed applications from the unit's memory, i.e. to reset all functions please proceed as follows:

1. Press and hold the SET key (10) for 3 seconds. The LED lights up and the display shows "CODE SETUP".
2. Press the CH+/- keys (17/12) until "RESET ALL" is on display.
3. Press SELECT (8). The display will show CONFIRM.
4. Press SELECT (8) again to confirm the reset or ESC (19) to abandon.

#### 8. Teletext

Your RC8 Universal Remote Control supports teletext. For the respective buttons on your remote control to operate this function, please refer to **Location Of Controls**.

For the majority of TV sets, the PAUSE button (20) can be used to enter and exit teletext. However, this may vary depending on the brand. Subject to change without notice.

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LDV/VIDEO	AUX
AB			812					
ABC				452				
ACE	713							
Adcom	032,155				679			
Admiral	261	755						
Alwa					581 626			
					660			
					651			
Akai	005,169,169	265,270,271,309			662 622			
		310,366,357			683			
					684			
					685			
					686			
Alba			407					
Albiral	001							
Alfa Gold			810,811					
Allorgan		758						
AlphaStar			826					
Amstar			847					
Amstrad	006		371,372,408					
			488					
Amtsch								
Ankaro		311						
APEX			373					
APEX						672		
Apollo			402					
Arcam								
ASA	007,008,013,032	282				562		
	094,195,161							
Asiagiant								
Astra			372,409,488					
AS TRX			840,842,843	501				
AS TRX			846					
Asuka								
ATLM					667			
ATLM					671			
Audiosonic	160							
Aura			430,487					
Ausind	008							
Autovox	004,007,012,014							
	015,078,079,104							
	153							
AWA	033,159,160,169							
	220							
Baird	162	271,273						
Barcom			373					
Basic Line	163							
BEKO	170,226							
Benjamin			468					
BEST			453	498				
Bestar								
Blaupunkt	010,017,018,020	272,274,275,312			568			569(VHS)
	054,231,232,233	389,766						
	234,236,241							
BPL	026,160,162,163							

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LDV/VIDEO	AUX
Bionvega	104,155,164,165	276,283						
	200,201,257							
Bruns	158							
BSR	016,019,021				686			
Bush(UK)	022	281	402					524,525
Cabletime	246,247,251							526(CITY)
California Audio								
Lab								609
Cambridge			375					
CANAL+			804					
Carrera								690
Century	145,146,155							
CGE	019,023,024,145	270,277						
	151,163,170,231							
CGM	093	291						
Chaparral	216		216,374,410					
Clanvox	001,166,167							
CONIC								673
Condor								
Contec	033,016							688
Crosley	024,025,145,155							
	231							
Crown								691
CTC Electronic	096							
Daewoo	168,209,734	767,760						660
Dansal		281						
Decca(UK)	002,004,026,028	278						
	031,258							
Denca								665
Denon								547 639
								564(TUNE)
								566(DECK)
								623(TUNE)
								624(AMP)
Desay								
DNT			409,428,430					
			467					
Drake			376,446,446					
			447,495					
Dual	255,258							
Dual-Tec	004,011,019,029	273,279						687
Dumont	155							
Dynasat								
Eastern			491,492					
				507,508				
				509,510				
Echostar								
			377,378,379					
			386,409,411					
			412,462,463					
			461,462,466					
			800,827,862					
EH, Galaxy			858					
EISAT			822					

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	Levin/Device	AUX
Elbe	001,171	313						
Electrosat			870					
Elite	108							
Elman	019,029					593		
Emerson	146,155	286				679		
						592		
EMME ESSE			463,464,465					
Europhon	000,004,019,029							
	030,146							
Eurosky			421					
Euro Space			850					
Eurostar			465,872					
Fenner	033,193,240							
Fidelity(UK)	003,034,229							
Filmnet	202,248							
Finlux	007,008,009,013	278	414,415					
	025,026,029,035							
Fisher	094,151,169,221				529	546		
	025,036,155,167	280,314,315,316				593		
	170,255							
Force			836					
Formenti-Phoenix	003,008,025,037							
038,159								
Fortec Star			458,808,809					
			846,850,851					
			852,853,854					
			856,857,859					
			866,867,876					
			878,879					
Fracarro			380,381					
France Telecom	266							
Freecom			426					
FTE			399					
Fuba			413					
Funai	016,160	359						
Funtach			823,824					
Galaxys			873					
GBC	002,004,019,025	281						
	026,031,033,039							
	040,041,042							
GEC(UK)			278					
Getoso	004,019,025,032	281						
	033,039,149,150	358						
General								

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	Levin/Device	AUX
General Technics		758						
Genexxa						560		
						566		
						583		
						593		
						610		
						632		
						694		
						695		
Glucar Record			382,416	499				
GMI							633	
Goldstar	003,004,043,080	282						
	153,172,252,700							
	701							
Goodmans	119	301				590		
						692		
						696		
Gorenje	170,173							
Granada(UK)	002,004,027,041	272,276,283,314						
	044,045,046,047	369						
	048,049							
Great Wall	253							
Grundig	003,010,018,020	272,275,284,361	383,400,402			552	515(TUNE)	
	045,050,051,053	369	484			697	560(Amp)	
	054,056,094,739							
Haitai								
Henseatic	025,027,037,044	278,285				548		
	052,055,258							
Hantarex	000							
Hammon Kardon								
						669		
						682		
						686		
						699		
Hauptpaugel	026							
Hemmermann	057							
Hinart	033,044,058,059	281,286,287,317						
	060	360						
Hirschmann			415					
Hirachi	004,040,041,042	273,281,285,288	483,828,829		530	619		
	044,047,055,061					621		
	062,063,064,065					679		
	066,067,068,174							
	221,222,710,731							
	732							
Hotel TV	704							
HTS							827	
Hughes							828,929	
Humax							505	
Huth							421,479	
HWALIN							816	
Hyper	003,004,033,153							
	193							
ICX International							417	

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LoVcDvDvD	AUX
IEEC				506				
Imperial	019,023,024,145 151,169,170,231	277,289						
Inkei						541		
Inno Hit	000,004,031,043 060,146,175	758				654	627,634	
Innovation								
Intelligent Antena								
INTER (265)	725							
Interfunk	005,027,040,045 046,052,069,070 071,073,075,156	278,290		882				
Intersound								
Irradio	008,039,043,060 153,262					687		
IT	723							
ITT-Nokia	005,032,033,040 041,045,049,069 070,071,072,074 076,162,168,176 177	270,273,276,290 291,292,316		384,385,418				
Janco	249,250							
JEBSEE				496				
Jeemon				386				
Jerrold				454				
Johansson				387				
JVC	077,119,176,179	270,273,292,318 319,320,321,328				605	664	
JSR				386				
Kaisui	163							
Karcher	159,163,175			388,389,390 419,469		549		
Kathrein								
Kendo	146							
Kennedy	025,076,079							
Kenwood								
Kodak								
KONIG	027							
Korting	037,155,157							
Lenco	033,039,183,238 239,240	325,355		423,426,480 481,482				585,586 587,588 589,590 591,592 593,594 (CD)
Lenoir	004							
LEON				499				

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LoVcDvDvD	AUX
LG	730,737					890	636	
Life							627,634	
Lifetec		758				654	627,634	
Linn						552		560(amp)
Loewe Opta	052,081,155,156 189,213,242	272,278,389					675	
Logik	028							
Luma	032,092	287,322,360						
Luxman		322						
Luxor	005,045,047,055 068,083,084,085 086,087,162,177	285,291		384,391,392		579 632		
Macab								
MCINTOSH				420				
Macom				444		642		
Magnadyne	000,019,025,029 057,147,149,150 155							
Magnatone	000,003,008,029							
Magnasonic	030	291						
Magnavox				477,830,831		653	571	
Magnum						576		
Marantz	026,027	272,278,301				604		
Maspro						552	638	516(TUNE) 560(amp)
Matsui	004,006,028,041 088,192	287,322,332		388,393,402 490				
Maximal	058							
Maxview								
Medlon		758				664	627,634	
Melectronic	255					633		
Memorex		282,314				593		
Meridian	018,053,089,090 091,155,180,183	272,275,294,369 370,756		383		610 679		
Metz						694		
Micromax						552		560(amp)
Micromega								
Microsat				874		654	627,634	
Microsoft						552		620(V-BOX)
Microsoft								
Microstar		758				654	627,634	
MINA				494				
Minerva	010,018,045,051 053	272,275,369		383,400,484				



Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/VCD/DVD	AUX
Mission						552		
Mitsubishi	044,052,092,119 154,155,181,182 707	278,281,293,320 362,751	489			553	682	
Mivar	000,003,093,094 095,245,259							
MME			217					
Morgans			421					
Multisystem	159							
Multitech	096,170,172	281,325						
Murphy(UK)	041	363						
NAD								
Nakamichi						556		
Naim						632		
NEC	184	273,313,320	422,478,493			655		
Neckermann	004,026,044,055 052,097,170	270,272,273,278 285,286,369	421			643		
N.E.I.	166					644		
Neosat								
Network			845					
Nobilco	003,008,029,051	272,369						
NOKIA	720							
Nordmende	065,067,075,088 099,100,101,102 103,104,134,185 186,222,731	270,273,279,292 295,296,297,316 319,321,323,324 326,327,328,329			535,549			
OAK								
Obritech								
Oceanic(F)	005,040,105,106 107		426					
Onceas	004							
Onkyo								
Orion	006,016,026,057 088,108,109,187 188,189,736,743	286,322,331,332 333,360				536,537	613	
Osaki								
Otto Versand	025,027,044,052	278,285						
Pace	055							
Pael	003,008							
			394,395,400 402,485,614					
			815					

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/VCD/DVD	AUX
Palcom	197							
Palladium		271,356						
Palosat								
Panasat								
Panasonic	001,003,019,037 040,106,110,111 112,114,190,212 241,735,741,744	274,290,312,354 756			538	509	573,574	
/National						546	629,639	
Pansat								
Paragon								
Pennsy		313		806				
Pentax		288						
Philco	019,023,024,025 151,155,169,170 231							
Philex	229							
Philips	005,025,027,046 073,113,115,155 191,192,193,194 223,266,230,242 738	278,302,334,335 336,369				528	559,675	560(EO/Amp) 561(PP) 562(TAPE) 567(DCC) 515,517,565 (TUNE) 678(CD Photo)
Phonola								
Pilot (1621Y)	175	275,335						
Pilot (1624Y)	729 (PIP)	753 (Video2)						
Pilot (P1528Y)		752						
Pilot (P1707Y)	721							
Pilot (P3033)	727							
Pilot (P3050)		754						
Pilot (P4005)	726							
Pilot (P567)	728							
Pilot (P716)	724							
Pioneer	000,027,067,243	278,320,334,336 363,364,365	474		545	554	571,658	560(Amp)
Polestar								
Prandoni-Prince	214							
Praxis	005,032,146							
Premier	217							
Primestat								
Prosat	001							
Proton								
PSR								
PYE								
Quad		320						
Quartz		314						



Brand/Device	TV/XT	VCR	SAT/DSS	CABLE	HIFI	CD	LDVCD/VID	AUX
Star			459,470,802 846,868,871					
Stern	078							
Strong			399,423,426 480,492,864 865,868					
STS			393					
STV			413					
Sun Moon Star			813					
Sunwood						687		
Super Max			846,848,849 850					
Supex			858,862,869			553 604		
Sylvania								
TADA				448				
Tadiran			817					
Tai Wah	218,219							
Tandberg	016,160,266	322				552		
Tantec			396					
Tatung	002,004,026,028 031,131	278				559		
Tay Shoen								
TCHM		758		506				
Teac						654, 627, 634		
Technics					542	608 611		
Technisat			409,428,429 430,431,487			558 609 645		523(TUNE)
Technosat			263,467,802 869					
Technovision	263							
Tedalex			466					
Teknika			471					
Tele +1	248							
Televia	186							
Telefunken	067,075,098,132 133,134,135,140 185,186,231,235 733,745	270,273,279,292 318,319,321,323 330,345,346,347 761,762						
Telemax								
Telemaster			432					
Teleservice	203,246		398,409,428 430,469,487					
Tensai	013,016,033,037 039,178	359						

Brand/Device	TV/XT	VCR	SAT/DSS	CABLE	HIFI	CD	LDVCD/VID	AUX
Television								
Thomson	065,067,075,078 098,100,103,185 186,222,727,731 733,734,745,746	756 270,273,279,292 318,323,324,328 761,762				654 677	627,634 668	
Thorn-Ferguson	001,135,136,137 146,144,148,152 160,186,229,256	270,273,300,303 304,305,306,308 319,329,330,348 368	394,395,400 401,402,433 485					
TMK								
Toshiba	022,044,094,119 135,139,141,142	273,292,307	442,444,833 511			632 653	571,640	
TPS								
Trans								
Uher	011,012,096,037 038,078,255	273,289	805					
Ultravox	003,025,082,096 146,165	276						
Unbranded								
Uniden								
United Satellite								
Universum	094,160,221,740	440						
Univox	001							552
US Electronics								
Vector		313						
Vectot Research								
Vegavox	169							890
Victor								
Video								805
Videocon	033,138,141,715	313						
Videon								
Viewstar								
Vortec								
Vortic Star								
Voxson	032,165							
Vtech								
Watson	037							
Watt Radio	001,003,025,029 030,057							
Mega Color	119,143							
White								
Westinghouse	003,037,159	276,282						
Winer								
WISI								
WISO								
Xenon		322						
Yamaha								

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/VCD/DVD	AUX
Yoko	004,159							
Yorx						647		
Zanussi	078							
Zehnder			390					
Zenith	203,237		441,444,445			570		
			446,447					
Zinwell			821					
Others	206,207,208,264	350,351,352,353	820,861			674		
北京(BEIJING)	706,711							
牡丹	160							
长虹(Chang Hong)	141,175,711,717							
	718,719							
长城	711							
松日	711							
康大	711							
康华	711							
佳美彩	709,711							
美福	708							
海信	033							
海虹	711							
海信	711							
康力	711							
康佳(KONKA)	706,712,714							
康艺	708							
熊猫(PANDA)	706							
康华	706							
康华	708							
瑞宇	176,706							
康歌	711							