



Streaming TV Remote Control User Guide

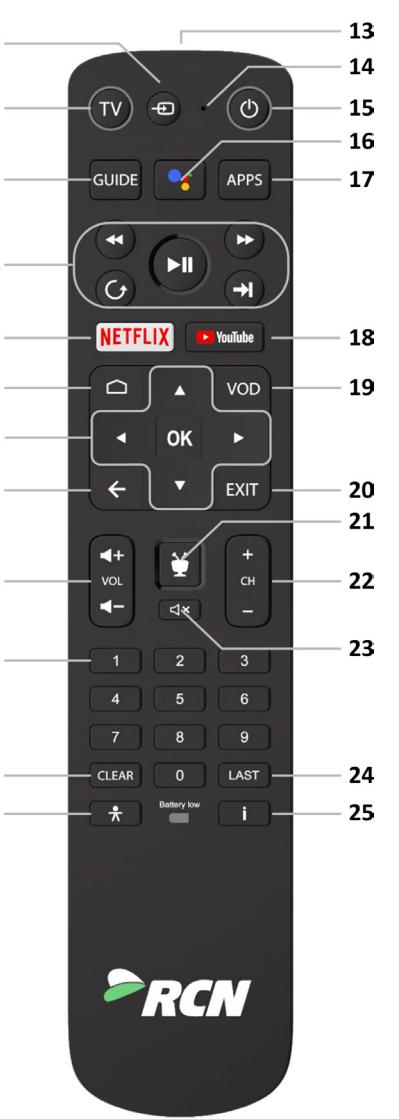




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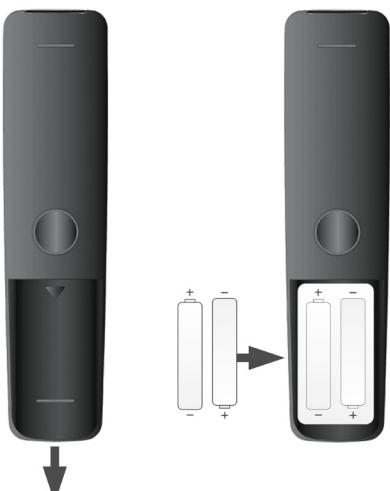
1. Remote control layout

- 1 TV input source select
- 2 TV power/standby
- 3 Guide
- 4 Play/Pause, Rewind, Fast-Forward, Skip Ahead, and Return
- 5 Netflix
- 6 Home
- 7 Navigation and OK
- 8 Back
- 9 Volume up and down
- 10 Number Keys
- 11 Clear
- 12 Accessibility
- 13 Infra-red (IR) window
- 14 Microphone
- 15 STB power/standby
- 16 Google Assistant
- 17 APPS
- 18 YouTube
- 19 VOD menu
- 20 Exit
- 21 TiVo® Voice control
- 22 Channel/Page up and down
- 23 Mute
- 24 Last
- 25 Information



2. Inserting batteries

- 1 Slide the battery housing cover downwards to remove
- 2 Insert two AAA batteries observing the correct polarity
- 3 Refit the battery housing cover



Battery information

- Do not mix different types of battery, or old and new batteries.
- Do not use rechargeable batteries.
- Remove the batteries from the remote control if you are not going to use it for several weeks, to avoid the risk of leakage.
- Please follow your environment and local regulations and dispose of old batteries in a responsible manner.
- Do not attempt to recharge the batteries.
- Immediately remove any leaking batteries.
- Take care when handling leaking batteries as they may cause burns to the skin or eyes, or other physical injuries.

3. Operation

- When you press a key, point the remote control towards the front of the STB to ensure correct operation. Do not cover the infra-red (IR) window at the front of the remote control and at the front of the STB.
- When a key is pressed either the STB key will flash or, if a TV brand has been entered, the TV key will flash, depending on which product is being controlled by the remote control.
- If you press a key for more than 30 seconds the remote control will stop transmitting commands to preserve battery life.

4. Controlling the TV: Brand Search

The TV, TV input, VOL+, VOL- and MUTE keys on the remote control can be programmed to operate your TV. To do this, your remote control must first learn the 'brand code' of your TV. By default, the remote control is programmed with the most common brand code 1150 (Samsung).

- 1 Press **HOME** and **1** for at least three seconds to switch the remote control to infra-red (IR) mode. The TV key flashes twice when the remote control has switched to IR mode.

If you make a mistake, press **Back** to exit the procedure. The remote control will revert to normal operation. No TV brand code will be stored.

- 2 Find the 4-digit brand code for your TV from the list in section 10 TV IR codes.

- 3 Make sure your TV is turned on. The STB does not need to be turned on for the brand search.

- 4 Press **HOME** and **3** for at least three seconds until the STB key flashes twice and remains on.

- 5 Enter the brand code for your TV. On each digit entry the STB key will flash.

- 6 If successful the STB key will flash once and remain on. If unsuccessful the TV key will give a long flash and the remote control will revert to normal operation. No brand code will be stored.

- 7 To check you can control your TV, press and hold either **TV** or **MUTE**. When the TV turns off or mutes, release **TV** or **MUTE**.

- 8 Press **Back** to leave the brand search mode.

If you change your TV to a different brand the remote control will require re-programming. Repeat this brand search procedure with the brand code for your new TV.

manual pairing (continued)

To pair manually:

- 1 Press **HOME** and **OK** for at least three seconds until the TV key flashes to acknowledge. The timeout for pairing is 60 seconds.

- 2 If pairing is successful:

The TV key flashes once to confirm pairing and the remote control changes to Bluetooth mode (the STB may indicate this change, depending on the middleware or firmware version).

If pairing is unsuccessful:

The TV key gives a long flash to indicate an error (the STB may indicate this change, depending on the middleware or firmware version).

During pairing no remote control keys will work except the STB key. You must press **Back** to stop pairing or to use another function.

7. Controlling the STB: auto pairing

Auto pairing can be triggered by the remote control in two cases:

- after the batteries have been inserted.
- after any key is pressed, and the STB key flashes to confirm the keypress.

To auto pair the remote control and the STB:

Ensure the STB is powered on and the STB key on the remote control is not lit.

Then follow steps 1 and 2 in the manual pairing section above.

8. Factory reset

- 1 Press **1** and **6** for at least three seconds until the STB key flashes twice then stays on.

- 2 Enter the key sequence **9 8 1**. The TV key will flash twice and the remote control returns to factory settings: Bluetooth mode, Samsung brand code (1150) and unpaired.

9. Learning mode

The Maxi ATV remote control can learn a key function from another 'source' remote control.

- 1 Choose your 'target key' on the Maxi ATV remote control. It must be one of the following keys: TV, TV input, VOL+, VOL-, MUTE. The target key you have chosen will learn a function from the source remote control.

- 2 Press **4** and **6** for three seconds until the STB key flashes twice then remains on.

3 Press your target key within 30 seconds:

- if valid, the STB key will give a confirmation flash and remain on.
- if invalid, or you do not press within 30 seconds, the STB key will give a long flash and return to user mode.

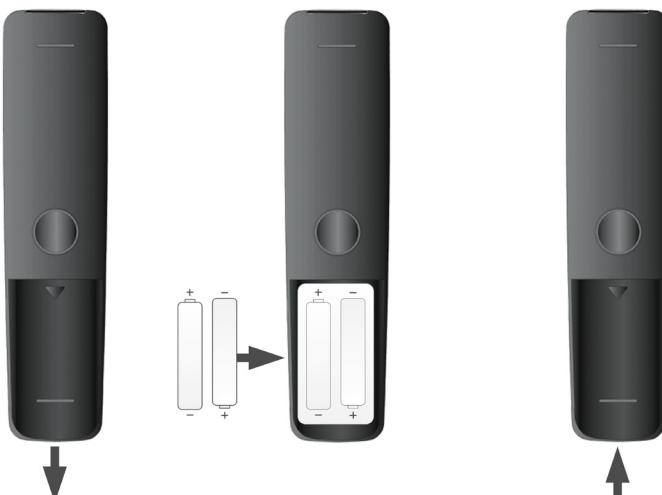
- 4 Hold the Maxi ATV remote control 3 - 6 cm from the source remote control with the IR windows facing each other, then press your target key on the source remote control (e.g. if your target key on the Maxi ATV remote control is mute, press mute on the source remote control).

- 5 If the IR signal is received correctly, the STB key will turn off and the Maxi ATV remote control will return to normal mode (note: this can overwrite a previously learned code).

- 6 If the IR signal is not received correctly, or is received after 30 seconds, the Maxi ATV remote control will not store the code from the source remote control: it will give a long flash and return to user mode.

- 7 If the **Back** key is pressed on the Maxi ATV remote control while it is waiting for an IR signal, the STB key will give a long flash and return to user mode. (If the target key is pressed, any learned code on it is cleared.)

- 8 To clear the target key, press **4** and **6** for at least three seconds until the STB key flashes twice then remains on. Press your **<target key>** twice. The STB key will flash to confirm the target key is cleared.



10. TV IR codes

Brand	Brand Code
888	0342, 0222
A.R.Systems	0459, 0356, 0272
Accent	0459, 0376
ACE	830
Acer	1339, 0247, 0360, 3161
Acme	578
Acoustech	1531
Acoustic Solutions	0459, 1523, 1163, 1865
Action	650
Acura	376
ADA	0376, 0697
ADC	0342, 0693
Addison	0108, 0653
ADL	1217
Admiral	0379, 0818, 0340, 0090, 0658, 0224, 0342
Advent	1613
AEG	0459, 1163, 1314, 1324, 0250, 1118, 0268, 0285, 0286, 0289, 1709, 2352
Aftron	860
Agashi	0658, 0342
Agazi	342
Aqfaphoto	3047
Aiko	0459, 1681, 0207, 0376, 0124, 0693, 0293, 0508, 0453, 0342
Aim	0459, 0698, 0753, 0357, 0222
Airis	1531, 1833, 2050
Aiwa	0042, 0216, 0140
Akai	0459, 0178, 0208, 0618, 0714, 0753, 1675, 2232, 0124, 0293, 0207, 0658, 0647, 0653, 0376, 0664, 0693, 0349, 0361, 0357, 0359, 0697, 1118, 1326, 0439, 0222, 0412, 0480, 0342, 1865, 1770, 0255, 1137, 1163, 3075, 0508
Akashi	0860, 0376
Akiba	0459, 0124, 0349, 0151, 0357, 0236
Akira	0753, 0459, 2352, 3047, 3060, 3000, 3160
Akito	0459, 0710, 0357, 0279

Arthur Martin	218
Akura	0459, 0171, 0668, 0714, 1363, 1314, 1163, 0124, 0349, 0151, 0376, 0357, 0359, 0342, 1770, 0222, 1983, 3092, 3093
Alba	0459, 0668, 0714, 2104, 0741, 0124, 0713, 0224, 0207, 0169, 0127, 0162, 0179, 0376, 0349, 0217, 0361, 0666, 0795, 0357, 0359, 0103, 2007, 2050
ALBIRAL	33
Alcyon	655
Alkos	508
Allorgan	0165, 0711, 0413
Allstar	0459, 0653, 0357
Amitech	459
Amoi	253
Amplivision	0741, 0218
Amstrad	0459, 0171, 0124, 0222, 0200, 0106, 0207, 0658, 0376, 0349, 0287, 0361, 0357, 0342, 1324
AmTRAN	1523
Anam	0459, 0650, 0376
Anam National	0459, 0650
Andersson	1163, 0459
Anglo	0376, 0342
Anhua	833
Anitech	0459, 0655, 0083, 0089, 0658, 0376, 0357, 0725, 0342
Ansonic	0459, 0668, 0741, 0751, 0376, 0666, 0703, 0065, 0667, 0409, 0426
Audioton	0741, 0658, 0486, 0342
Audiovox	335
Audioworld	698
Ausind	0655, 0725
Autovox	0089, 0090, 0342, 0340, 0117, 0166, 0666, 0655, 0725
Aventura	171
Awa	0108, 1681, 0459, 0658, 0647, 0199, 0388, 0796, 0376, 0222, 0342, 3071
Axxent	376
Axon	714
B&D	1217
Baier	1324
Aolinpike	0342, 0222
Aolinpiya	342
Aolinpu	814
Apex	508
Apex Digital	0156, 1217
Baird	0208, 0293, 0647
Bang & Olufsen	0428, 0090, 0340
Baohuashi	0342, 0222
Baosheng	0835, 0376
Barco	0459, 0033
BARON	811
Base	860
Basic Line	0459, 0668, 1163, 0124, 0151, 0653, 0376, 0356, 0349, 0357
Asa	0090, 0705, 0340, 0396, 0096, 0166, 0704, 0707
Asberg	0459, 0655, 0089, 0653, 0725, 0357
Bauer	0658, 0376, 0342
Asora	376
Astar	1531
Astra	0459, 0376, 0658
Asuka	0124, 0151, 0349, 0342
Beijing	0208, 0226, 0618, 0508, 0376, 0804, 0835, 0634, 0839, 0342, 0222
Asus	3142
ATD	698
Beko	0459, 1652, 0714, 0741, 0486, 0412, 0795, 0359, 0696, 0450, 1314
Belstar	459
BenQ	1562, 0237, 0763, 1589
Bensten	1326
Beon	0459, 0653, 0224, 0357, 0795
Berthen	668
Best	0459, 0741, 0188
Bestar	0459, 0741, 0653, 0356, 0357
Bestar-Daewoo	356
Bestavision	854
Bestwell	1326
Bigston	658
Black Diamond	0753, 0820, 0508, 0459, 1163, 0614
Black Star	0099, 0666
Blacktron	151
Blackway	151
Blaupunkt	0195, 0125, 0697, 0137, 0116, 0175, 0257, 2104, 3033
Blue Media	1606
Blue Sky	0459, 0625, 0668, 0714, 1314, 1363, 1652, 0124, 0349, 0151, 0357, 0236, 0359, 1324, 1709, 0412, 1909, 0450, 0140
Boca	1652
Bomar	1324
Bondstec	0099, 0666
Boots	0710, 0376
Bork	1363
Bose	0

BPL	0459, 0208, 0896, 1543, 0757, 0151, 0357
Brandt	0560, 0625, 0714, 0185, 0459, 0187, 0153
Brillian	1255
Brimax	1709
Brinkmann	0459, 0668, 0795, 0357, 0224, 0486
Brionvega	0459, 0340, 0090, 0653, 0141
Broksonic	379
Brother	342
Bruno	0090, 0340, 0281, 0649, 0696, 0486
BskyB	1666, 0818, 0000, 1643, 0074, 0578, 0180, 0234, 0125, 0178, 1818, 0277, 0865, 0868, 0870, 0871, 0872, 0873, 0874, 0875, 0876, 0877, 0878, 0883, 1576, 0886, 0105, 0888
BSR	0165, 0711, 0413
BTC	0124, 0349
Bush	0459, 0208, 0668, 0698, 0714, 1314, 1523, 1652, 1163, 2104, 0124, 0710, 0713, 0757, 0127, 0151, 0213, 0162, 0140, 0165, 0356, 0207, 0376, 0179, 0180, 0169, 0709, 0201, 0349, 0653, 0361, 0279, 0465, 0357, 0359, 0103, 0413, 0778, 0212, 1326, 0614, 0432, 0342, 2215, 0199, 2050, 1983, 1589
Cabletime	825
Caihong	0376, 0804, 0835
Cailing	860
Caishi	860
Caixing	839
Cameron	1523, 0879, 0459
Camper	0459, 0486
Canal Digital	0653, 0818, 0178, 1523, 0508, 0000, 2429, 0618
Capsonic	342
Carad	0668, 0459, 0610
Carena	0459, 0357, 0236
Carrefour	0459, 0713, 0396, 0103
Cascade	0459, 0376, 0357
Casio	0459, 0766, 0357
Cat	2215
Catha	459
Catay	0459, 0653, 0357
Caton	124
CCE	2348, 0459, 0357
Celebrity	0
Celestial	0820, 0508
Cello	1770, 3076, 3088, 3089
Centrex	0860, 1536
Centrum	459
Century	0090, 0340, 0666
CGE	0033, 0089, 0741, 0099, 0655, 0658, 0224, 0725, 0666, 0795, 0397
CGM	0124, 0658
Champion	0376, 0835
Changcheng	0376, 0833, 0804, 0835, 0634, 0839, 0342, 0222
Changfei	0376, 0804, 0835, 0841
Changfeng	0753, 0804, 0835, 0342, 0222
Changhai	0376, 0804, 0835, 0841
Changhong	0508, 0156, 0820, 0208, 0216, 0376, 0804, 0342
Chaparral	823
Chengdu	0804, 0835, 0376
Chimei	1666, 1852, 1217
Ching Tai	376
Chuangjia	860
Chun Yun	0000, 0698, 1756, 0376
Chunfeng	0376, 0342
Chung Hsin	108
Chungfeng	222
Chunlan	842
Chunsun	0376, 0804, 0835
CIE	124
Cimline	0376, 0349, 0127
Cinex	1314
City	376
Clarivox	0459, 0357, 0655
Clatronic	0459, 0714, 0655, 0089, 0099, 0741, 0207, 0200, 0124, 0653, 0349, 0124, 0376, 0349, 0356, 0733, 0357, 3071, 1081, 1909, 0453, 0301
Dainichi	0124, 0349
Dansai	0459, 0208, 0653, 0357, 0508, 0342, 0376
Dongda	376
Donghai	376
Dansette	222
Dantax	0714, 0459, 1163, 1652, 0741, 0359, 0486, 0140, 0412
Clayton	459
CMX	3069, 3166

DSE	0698, 0820, 1314, 0459, 0199, 0456, 2215	Emerson	0459, 0171, 0178, 0379, 0668, 0714, 1661, 1817, 0090, 0340, 0741, 0207, 0655, 0396, 0357, 0666, 0361, 0359, 0649, 0704, 0653, 0667, 0693, 0359, 0725, 0426, 0707, 1909, 0486	Finlux	0459, 0714, 1314, 1163, 0655, 0085, 0340, 0705, 0090, 0098, 0293, 0703, 0096, 0166, 0396, 0412, 0480, 0450	Gangtai	811	Granada	0459, 0108, 0208, 0226, 0560, 0033, 0076, 0187, 0293, 0713, 0476, 0284, 0653, 0693, 0103, 0655, 0199, 0725, 0357, 0065, 0723, 0218, 0401	HCM	0459, 0222, 0151, 0757, 0658, 0224, 0376, 0349, 0795, 0357, 0342	Huanghe	0376, 0804, 0896, 0835, 0839	Insignia	1810, 0171, 1204, 0178, 1564, 1326		
DTS	376					Ganxin	0835, 0839					Huanglong	376	Inspira	1314, 1324		
Dual						Gateway	1755, 1756					Huangshan	0376, 0806, 0804, 0835, 0839, 0342, 0222	INTER	832		
Dual-Tec	0376, 0658, 0141, 0409	e-motion	1709, 2104			GBC	0459, 0293, 0647, 0658, 0376, 0356, 0349, 0713, 0124					Interactive	741	Interbuy	0459, 0099, 0083, 0357, 0376, 0666, 0342		
Dumont	0085, 0340, 0705, 0090, 0396, 0703, 0166, 0096, 0649, 0667, 0707	Envision	1365, 1589			GE	0178, 0560, 0625, 1447, 0459, 0818					Huanyu	0213, 0356, 0216, 0804, 0835, 0074, 0839, 0342	Interfunk	0459, 0512, 0340, 0741, 0099, 0653, 0199, 0357, 0065		
Duongjie	0860, 0811	Erisson	2215			Firstline	0459, 0208, 0668, 0714, 1363, 0099, 0293, 0127, 0165, 0658, 0356, 0653, 0376, 0179, 0666, 0357, 0359, 0667, 0711, 0413, 0426, 1909, 0450							Huaqiang	0342, 0222	Huari	1643, 0342, 0222
Durabrand	0171, 0178, 0379, 1652	Erres	0459, 0065, 0653, 0357			GEC	0459, 0033, 0073, 0293, 0653, 0647, 0693, 0357, 0724					Hugoson	1666, 1217	Internal	0459, 0357, 1909		
Dux	0459, 0357	ESA	0171, 0618			Geloso	0658, 0376, 0124, 0356, 0666					Huijiban	860	Intervision	0459, 0083, 0741, 0703, 0151, 0207, 0349, 0236, 0357, 0666, 0649, 0667, 0342, 0486, 0376		
D-Vision	0459, 0357	ESC	0459, 0357			General	846					Humax	1295	IR	0356, 0459, 0357, 0796, 0293		
DVX	860	Essentiel B	1137, 3064			Fisher	0293, 0340, 0741, 0096, 0172, 0208, 0713, 0262, 0103, 0707, 0716, 0223					Huodateji	833	Hypson	0459, 0668, 0714, 0151, 0653, 0757, 0236, 0357, 0359, 0218, 0342, 0412, 0486		
DX Antenna	1817	Ether	376			Genexxa	0459, 0124, 0653, 0349, 0357, 0222, 0376					Hyper	0099, 0658, 0124, 0666, 0376	Irradio	0459, 0207, 0124, 0658, 0655, 0160, 0653, 0376, 0666, 0349, 0361, 0357		
Dynatron	0459, 0653, 0357	Etron	0820, 0459, 0376			Flint	0459, 0349, 0293, 0653, 0357, 0236, 0610, 0342					Hisawa	0714, 0124, 0151, 0757, 0218, 0349, 0236, 0359, 0610	Hyundai	0698, 0753, 0860, 0459, 1523, 1314, 1681, 2454, 1326, 1531, 1770, 0342, 0456, 1606		
Dynex	1810, 1817	Eurofeel	342			Gericom	0178, 1298, 1217, 0453, 0450, 3062					Iberia	0459, 0357	ITS	0459, 0124, 0207, 0151, 0653, 0757, 0349, 0361, 0357, 0342, 0376		
Dyon	2352, 1137	EuroLine	0459, 2050			GFM	0171, 1817					Ice	0459, 0207, 0124, 0653, 0349, 0376, 0361, 0342	IT	831		
E:max	1324, 1531	Euroman	0459, 0741, 0653, 0151, 0357, 0342			Formenti	0459, 0818, 0655, 0340, 0090, 0725, 0141, 0486					Haiyan	0804, 0835, 0839, 0342, 0222	Hyundai	0698, 0753, 0860, 0459, 1523, 1314, 1681, 2454, 1326, 1531, 1770, 0342, 0456, 1606		
Easy Living	2104, 1709, 1613, 1217, 0459, 2007, 1666	Europa	0459, 0357			Giant	376					Ice/ITS	124	Isukai	0459, 0124, 0349, 0151, 0357		
Ecco	773	Europhon	0459, 0283, 0703, 0653, 0666, 0649, 0710, 0667			Fortress	0818, 0340					Iceres	0124, 0349	ITT Nokia	0208, 0141, 0480, 0610		
ECE	0459, 0860	Evelux	848			France Telecom	827					ICT	459	ITV	0459, 0376, 0666, 0356, 0357, 0342		
Elbe	0459, 0741, 0141, 0751, 0349, 0610, 0409, 0426	Evesham	1163, 1606, 1536			Friac	0459, 0741, 0357, 0376, 0610					iDEAL	1314	JCB	0		
Elcit	0340, 0666, 0667	Evolution	1756			Frontech	0207, 0099, 0658, 0376, 0666, 0342					IISSonic	1613	JDV	459		
Electa	757	Excello	459			Fuchsware	860					Iiyama	1217	Jean	0156, 0376		
Electron	459	Expert	0117, 0218, 0409, 0141			Fujicom	1709					Imperial	0459, 0033, 0089, 0655, 0099, 0741, 0224, 0653, 0725, 0666, 0795, 0357, 0634, 0342, 0397	JEC	508		
ELECTRO TECH	0376, 0658	Exquisit	0459, 0357			Fujitsu	0809, 0293, 0117, 0667, 0124, 0693, 0452, 0376					Imperial Crown	0376, 0342, 0222	JGC	1709		
Electroband	0	Fagor Life	459			Goodmans	0459, 0560, 0625, 0634, 0668, 0714, 1163, 1523, 0033, 0174, 0713, 0293, 0140, 0213, 0207, 0127, 0658, 0160, 0356, 0274, 0376, 0653, 0169, 0664, 0357, 0361, 0693, 0359, 0103, 0508, 3067, 0785, 0861, 0412, 1909, 0342, 0480, 0453, 2215, 1720, 0199, 1983, 3094, 3111, 0753, 3135						Indesit	0705, 0709	Jiahua	0860, 0806, 0833	
Electrograph	1755	Feilang	376			Funai	0668, 0000, 0171, 0714, 0459, 1817, 0165, 0172, 0658, 0413, 0711, 0342, 1666, 0222, 1163					Hanns.G	1613	JiaLiCai	0376, 0342, 0222		
Electrohome	379	Feilu	0376, 0804, 0835			Fujitsu Siemens	1163, 1666, 1298, 0450					Hannspree	1776, 1072, 1613, 0470, 0156	Jian Sheng	814		
Electronic	658	Feiyan	0342, 0222			Funai	0668, 0000, 0171, 0714, 0459, 1817, 0165, 0172, 0658, 0413, 0711, 0342, 1666, 0222, 1163					Hankook	178	Jinfeng	0208, 0226, 0804, 0833, 0835		
Elekta	0376, 0342	Feiyue	0376, 0804, 0835, 0839			Gorenje	741					Hanns.G	1613	Jinque	0835, 0376, 0342, 0222		
Elektra	1661, 0151	Element	357			GP	753					Hannspree	1776, 1072, 1613, 0470, 0156	Jinta	0839, 0376, 0342, 0222		
Elfunk	0459, 0208	Fenner	0658, 0376, 0356			GPM	0124, 0459, 0658, 0349					Hitec	698	Jinpingban	814		
ELG	0459, 0357	Ferguson	0459, 0195, 0560, 0625, 0108, 0109, 0187, 0153, 0729, 0732, 0739, 2007, 0140, 0199, 1954			Furi	0342, 0222					Hitsu	0376, 0610	Innotech	0773, 0820		
Elin	0459,																

JMB	0459, 0634, 2007, 2104	Kobra	1298	Liesen & Tter	0459, 0357	Mandor	342	MeiShi	698	Morgans	0459, 0357	New World	0124, 0349	Optimus	650										
JNC	0896, 1536	Kolin	0459, 0108, 0860, 0178, 1610, 1755, 1217	Liesenkotter	459	Manesth	0459, 0127, 0653, 0357, 0508, 0413, 0342	Meletronic	0083, 0098, 0081, 0096, 0213, 0459, 0356, 0153, 0376, 0207, 0239, 0653, 0704, 0512, 0357, 0359, 0664, 0681, 0666, 0426, 0707, 0480	Morgan's	459	Newwave	0178, 0376, 0818	Optonica	818										
Jocel	793	Kolster	0459, 0653	Life	0342, 0650, 0376, 0207, 0459	Manhattan	0459, 0668, 0357	Motion	0089, 0725, 0655	Nikai	1163	Orava/OTF	658												
John Lewis	3114	Kongque	0835, 0839, 0376, 0342	Lifetec	0459, 0668, 0714, 0650, 0207, 0356, 0349, 0376, 0357, 0359, 2001, 0342	Maqma	1298, 1709, 1606	Motorola	818	Nikkai	0459, 0124, 0293, 0508, 0188, 0653, 0376, 0349, 0103, 0693, 0357, 0342	Orbit	0459, 0653, 0357												
JTV	860	Konichi	376	Lihua	835	Marantz	0459, 0653, 0199, 0357, 0222	MTC	0512, 0741	Nikkei	714	Orion	0459, 0379, 0714, 2007, 0017, 0200, 0033, 0140, 0127, 0162, 0376, 0165, 0179, 0653, 0388, 0357, 0201, 0796, 0359, 0667, 0711, 0413, 2352, 1954, 0342, 0222, 0453, 2001, 0203												
Jubilee	459	Konig	0459, 0199	Lloyd	376	Marelli	0090, 0340	MTEC	710	Nikko	178	Orline	0459, 0349, 0357												
Juhua	0835, 0839, 0342, 0222	Konka	0459, 0714, 0124, 0207, 0349, 0361, 0806, 0357, 0808, 0795, 0799, 0359, 0804, 0444	Lloyd's	376	Mark	0459, 0714, 0653, 0356, 0376, 0357, 0359, 0412	Melvox	218	Mtlogic	0714, 0359, 0459, 2050, 1137, 3138	Nimbrol	2104	Ormond	0668, 0459										
JVC	0653, 1818, 0379, 0508, 0650, 0731, 1074, 0079, 0033, 0713, 0207, 0109, 0349, 0361, 0795, 0193, 0194, 0103, 0362, 0529, 0739, 0818, 2007, 0242, 1163	Local Calcutta	208	Local Chennai	0342, 0376	Marks and Spencer	1770	Memorex	0108, 0178, 0379, 0459, 0376	Mudan	0208, 0226, 0860, 0833, 0835, 0376, 0342, 0222	Nintaus	860	Noblex	0459, 0658, 0342										
Kaige	0835, 0839, 0376, 0342, 0222	Korpel	0459, 0653, 0357	Korting	0090, 0741, 0340, 0134	Local India TV	0208, 0207	Memphis	0376, 0188, 0293, 0693	Multistandard	667	Nobliko	0089, 0655, 0705, 0703, 0649, 0396, 0667, 0725	Osaki	0459, 0222, 0293, 0124, 0710, 0356, 0349, 0693, 0357, 0000, 0342										
Kaisui	0459, 0124, 0658, 0757, 0151, 0376, 0236, 0349, 0357	Kosmos	459	Kotron	0222, 0342	Lodos	459	Mengmei	839	Multisystem	459	Nokia	0208, 0239, 0681, 0664, 0356, 0480, 0610	Oscar	851										
Kambrook	342	Koyoda	376	Kross	1536	Loewe	1884, 0633, 0260, 0459, 0512, 0090, 0741, 0158, 0751, 0199, 0747, 3020	Matsui	0459, 0195, 0208, 0714, 1163, 2007, 0033, 0710, 0293, 0200, 0713, 0106, 0508, 0127, 0187, 0376, 0207, 1666, 0143, 0658, 0357, 0388, 0361, 0162, 0165, 0653, 0359, 0179, 0693, 0201, 0376, 0342, 0453, 1217, 3081, 3097, 3121	Murphy	0293, 0096, 0707, 2007	Musikland	349	NordMende	0459, 0195, 0560, 0714, 0860, 1163, 2007, 0340, 0709, 0153, 0653, 0357, 0359, 0125, 2001, 0192	Osio	0459, 0160, 0357								
Kangchong	216	Kulun	376	Loewe Opta	0340, 0459, 0653, 0357	Logik	0698, 0773, 0459, 0200, 0207, 0796, 0388, 0361, 1865, 0376, 0342, 0453, 1217, 3081, 3097, 3121	Longjiang	0804, 0835, 0342, 0222	Logix	668	MGA	0108, 0178, 0124	Mx Onda	1983	Oso	0124, 0349								
Kanghua	896	Kunlun	0208, 0226, 0804, 0833, 0835, 0634, 0342	Kuro	210	Kyoshu	0795, 0222, 0342	LaSAT	0741, 0486	Matsushita	650	Micromax	0650, 0668, 0459, 0714, 0207, 0342, 0357, 0376, 0450, 1324, 2001	Myryad	459	Nordvision	459	Otake	174						
Kangli	0835, 0634, 0839, 0376, 0342	Kuro	210	Kyoshu	0795, 0222, 0342	L&S Electronic	0714, 0359	LaSAT	0741, 0486	Maxam	342	Mystery	3058	Normerel	0459, 0357	Otic	1983								
Kangwei	0860, 0814	Kuro	210	Kyoshu	0795, 0222, 0342	Kapsch	0096, 0117, 0409, 0141	Logix	668	Maxdorf	0773, 1276, 0342	Microspot	1614	Naiko	0459, 0753, 0357	Nortek	668	Otto Versand	0459, 0195, 0226, 0512, 0818, 0713, 0757, 0210, 0000, 0697, 0658, 0127, 0244, 0653, 0257, 0666, 0284, 0199, 0357, 0103, 0125, 0413, 0376						
Kangyi	0376, 0342, 0222	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222, 0342	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxell	658	Microstar	0342, 0650, 0376, 0207, 0459, 0450	Nakimura	459	Novex	1523	Oulin	860		
Kansas Technologies	698	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Logix	668	Logix	668	Maxell	658	Microspot	1614	Nanbao	0376, 0342, 0222	Novita	459	Pacific	0459, 0714, 0359, 2007, 1324		
Karcher	0714, 1314, 0376, 0741, 0658, 0151, 0459, 0704, 0359, 0610, 0667, 0342	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	Microstar	0342, 0650, 0376, 0207, 0459, 0450	Nanhai	0804, 0835, 0342, 0222	Novatronic	0459, 0356, 0357	O.K.Line	0459, 1324		
Kathrein	0459, 0453	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	MicroTEK	0820, 0860, 0342	Mikomi	0459, 0441	Narita	459	Oceanic	0208, 0655, 0218, 0413, 0480, 2001	Packard Bell	1314
Kawa	0207, 0361	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	MicroTEK	0820, 0860, 0342	Mikomi	0459, 0441	Narita	459	Palladium	0459, 0714, 0741, 0224, 0701, 0666, 0795, 0357, 0359, 0426		
Ken Brown	379	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	MicroTEK	0820, 0860, 0342	Mikomi	0459, 0441	Narita	459	Palsonic	0459, 0698, 0773, 1507, 0795, 0357, 0342, 0222, 1326		
Kendo	0459, 0741, 0658, 0703, 0127, 0666, 0357, 0610, 0667, 0426, 0486	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	MicroTEK	0820, 0860, 0342	Mikomi	0459, 0441	Narita	459	Panasonic	0650, 0459, 0108, 0208, 0226, 0508, 0896, 0171, 1260, 0033, 0129, 0137, 0146, 0204, 0284, 0312, 0451, 0493		
Kathrein	0459, 0453	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	MicroTEK	0820, 0860, 0342	Mikomi	0459, 0441	Narita	459	Panasonic	0650, 0459, 0108, 0208, 0226, 0508, 0896, 0171, 1260, 0033, 0129, 0137, 0146, 0204, 0284, 0312, 0451, 0493		
Kawa	0207, 0361	Kuro	210	Kyoshu	0795, 0222, 0342	Kasper	0096, 0117, 0409, 0141	Kotron	0222	Layco	0459, 0293	Luma	0459, 0376, 0117, 0141, 0409, 0426	Maxent	1755	Micro									

Panda	0208, 0226, 0508, 0698, 0860, 0216, 0376, 0833, 0804, 0835, 0839, 0342, 0222	Policom	397	Quandria Vision	218	Roadstar	0459, 0668, 0714, 0124, 0140, 0349, 0658, 0376, 0323, 0224, 0795, 0357, 0412, 0342, 1326	Sanyuan	0376, 0804, 0835, 0839, 0818	Sharp	0818, 0650, 0653, 0033, 0713, 0277, 0774, 0103, 0413, 0645, 0677, 0716, 1589, 0376, 0222, 0203, 1163, 3029	SLX	668	Stevision	459
PARK	2104	Polyvision	1144	Quasar	0650, 0099, 0655, 0376	Quelle	0459, 0195, 0512, 0668, 0705, 0085, 0099, 0000, 0200, 0096, 0166, 0244, 0257, 0658, 0396, 0655, 0697, 0666, 0704, 0160, 0653, 0388, 0103, 0199, 0357, 0125, 0796, 0711, 0707, 0816, 0397, 0222, 0342, 0376	SBR	0459, 0065, 0724, 0357, 0066, 0073	Sceptre	1360, 1599, 0000	Shen Ying	376	S-Media	1217
Pathe Cinema	0741, 0751, 0218	Portland	1661, 0356, 1909	Powerpoint	0459, 0698, 0357, 1770	Robotron	340	Schaub Lorenz	0714, 1163, 0658, 0124, 0486, 1324	Shencai	0376, 1643, 0342, 0222	Soemtron	1298	Strato	0459, 0376, 0357, 0342
Pathe Marconi	185	Prandoni	0649, 0655	Prandoni Prince	0655, 0666	Rowa	0459, 0698, 0793, 0342, 0376	Schneider	0459, 0668, 0714, 0033, 0124, 0066, 0081, 0172, 0207, 0198, 0349, 0658, 0215, 0357, 0653, 0666, 0361, 0272, 0065, 3028, 0655, 0359, 0409, 1909, 0140, 1324, 3053	Sheng Chai	376	Sogo	2050	Strong	1163
Pausa	0376, 0658	Prandoni-Prince	0655, 0666	Praxis	824	Royal	658	Sheng Chia	0376, 0818	Solavox	0459, 0293, 0357	Sunkai	0376, 0459, 0349, 0127, 0162, 0165, 0413, 0236, 0179, 0201, 0711, 0610		
PEAQ	3003, 1163	Praxis	824	Precision	0	Royal Lux	0741, 0222	ShengCai	0376, 0860	Sonawa	349	Sunny	459		
Peng Sheng	860	Premier	0860, 0376, 0342	Questa	0103, 0713	RTF	340	Shengli	653	Songba	376	Sunstar	0459, 0207, 0376, 0357, 0361, 0342		
Penney	0156, 0178	President	860	Radialva	0459, 0349	RUBIN	1314	Shenyang	0753, 0376, 0804, 0835, 0342	Songdian	860	Sunstech	2001		
Pensoric	860	Prima	0753, 1507, 0658, 0376, 0342, 0222	Radio	459	Ruyi	0835, 0074, 0839	Scotch	178	SongRi	376	Sunwood	0459, 0653, 0376, 0357		
Perdio	0459, 0693, 0357, 0293	Radiola	0459, 0065, 0653, 0357	Saba	0560, 0625, 0714, 0340, 0090, 0153, 0187, 0193, 0359, 0733	Sabri	0560, 0625, 0714, 0340, 0090, 0153, 0187, 0193, 0359, 0733	Scott	0178, 1711, 1983, 3119	Sherwood	376	Superscan	0864, 0818		
Perfekt	0459, 0357	Radiomarelli	0459, 0340, 0099, 0090, 0666, 0357	Sagam	0618, 0236, 0610, 0881, 1596, 3095	Sears	0156, 0171, 0178	Shinelco	2104	Sonitron	0208, 0741	Supersonic	0208, 0376, 0342		
Pershin	655	Radionette	0704, 0376, 0707	Saige	0835, 0376	Seaway	634	Shintoshi	0459, 0357	Sonneclair	0459, 0357	SuperTech	0459, 0658, 0349, 0376, 0357		
Petters	0459, 1523	RadioShack	0459, 0178, 0357	Saisho	0033, 0069, 0200, 0376, 0106, 0127, 0143, 0388, 0124, 0796, 0342	Saivod	0459, 0668, 0793, 1163, 1314, 0357	Seelver	459	Shiyaku	0459, 0178, 0357, 2007	Sonoko	0459, 0151, 0124, 0658, 0653, 0376, 0357, 0342	Supervision	0459, 0342
Philco	0459, 0171, 0178, 0379, 1661, 0033, 0340, 0090, 0099, 0089, 0655, 0741, 0224, 0666, 0725, 0795, 0357, 0397	Profekt	459	Radiotone	0459, 0668, 0741, 0357, 0653, 0376, 0224, 0696, 0222, 0342	Sagam	0618, 0236, 0610, 0881, 1596, 3095	SEG	0459, 0668, 1163, 0089, 0099, 0703, 0281, 0476, 0713, 0376, 0666, 0103, 0725, 0357, 0342, 1909, 0255, 1314, 1137, 1709, 0331, 0341, 0370, 3060	Shiwan	124	Sonoror	0208, 0218	Supra	0178, 0376, 0658
Philharmonic	0	Profex	0376, 0089, 0658, 0725	Rank	0705, 0713, 0396	Salora	0208, 1314, 0033, 0210, 0160, 0728, 0480, 1163, 0268, 3047, 1137, 3148	SEI	0459, 0000, 0090, 0357, 0106, 0667, 0703, 0165, 0413	Shorai	0165, 0413, 0711	Sontec	0459, 0741, 0653, 0357, 0413, 0376	Supratech	2206
Philips	0605, 0459, 1023, 0000, 0108, 0178, 0512, 1756, 0017, 0033, 0340, 0065, 0090, 0213, 0066, 0073, 0182, 0724, 0697, 0154, 0356, 0446, 0181, 0683, 0199, 0357, 0645, 0684, 0141, 0685, 0725, 0653, 0744, 0784, 0857, 1038, 1165, 1314, 1187, 0376, 1589, 0015, 0087, 0130	Profi	376	Rank Arena	753	Sambers	0089, 0251, 0655, 0703, 0283, 0667, 0649, 0725	Seiki	3032	Siemens	0459, 0195, 0357, 0103, 0697, 0655, 0116, 0257, 0716	Sound & Vision	0124, 0349, 0703, 0356, 0667	Swedx	1606, 3034
Phocus	0714, 1652, 0459	Proline	0459, 0625, 0634, 0357, 0065, 0693, 0653, 0293, 0179, 1613	RCA	0000, 0178, 0560, 0618, 0625, 0753, 1447, 0459, 2403, 2429, 0208, 0818, 1260	Sampo	0171, 0178, 0650, 1755, 0376, 0818	Seleco	0117, 0141, 0342, 0713, 0207, 0361, 0655, 0409, 0426	Siera	0459, 0653, 0065	Sounddesign	178	SVA	0799, 0342
Phoenix	0459, 0090, 0340, 0741, 0653, 0293, 0357, 0486	Proscan	1447, 2147, 2256	Rectiligne	0459, 0357	Radios	0618, 0459, 0156, 0178, 0208, 0226, 0650, 0508, 0157, 0018, 0293, 0160, 0200, 0741, 0251, 0093, 3177, 0169, 0327, 0658, 0653, 0376, 0647, 0357, 0693, 0000, 0783, 0799, 0818, 0342, 0120, 3046, 3141, 3172	Seitech	1217, 1324	Silva	0459, 0658, 0357	Soundmaster	0124, 0658	Svasa	0208, 0342
Phonola	0459, 0340, 0033, 0065, 0090, 0653, 0066, 0357	Prosonic	0459, 0668, 0714, 1314, 1507, 0129, 0741, 0356, 0357, 0361, 0359, 1865, 0453, 2001, 1324, 1770, 2104, 1709	Reddiffusion	33	Samsung	0618, 0459, 0156, 0178, 0208, 0226, 0650, 0508, 0157, 0018, 0293, 0160, 0200, 0741, 0251, 0093, 3177, 0169, 0327, 0658, 0653, 0376, 0647, 0357, 0693, 0000, 0783, 0799, 0818, 0342, 0120, 3046, 3141, 3172	Sei-Sinudyne	0459, 0340, 0703, 0649, 0357, 0711	Silva Schneider	0459, 1314, 0357	Soundwave	0459, 0653, 0224, 0357, 0795, 0412	Sven	852
Phonotrend	459	Protech	0459, 0668, 0099, 0703, 0224, 0653, 0188, 0795, 0357, 0000, 0376, 0342, 0486	Remotec	0459, 0171	Sanjian	0342, 0222	Semicom	3120	Siemens	0459, 0195, 0357, 0103, 0697, 0655, 0116, 0257, 0716	Sound & Vision	0124, 0349, 0703, 0356, 0667	SwissTec	1776, 2104, 1613, 1614, 1606, 0453, 1709, 0470
Pilot	0698, 0793, 1643	Reco	0714, 0359, 1909	Rectiligne	0459, 0357	Sansui	0379, 0459, 0171, 0698, 0714, 0753, 1236, 1314, 0207, 0653, 0357, 0439, 0456, 1531, 0459	Seleco	0117, 0141, 0342, 0713, 0207, 0361, 0655, 0409, 0426	Sera	0459, 0653, 0065	Sounddesign	178	SWP	658
Pioneer	1260, 0459, 0512, 0698, 0650, 0504, 0741, 3084, 0153, 0199, 0653, 0357, 1048, 1086, 0486, 3139, 3146, 3151	Revox	0459, 0741, 0653, 0357, 0450	Rex	0117, 0666, 0141, 0409, 0426, 0342	RFT	0459, 0293, 0090, 0741, 0340, 0751, 0357, 0230, 0281, 0696, 0342, 0486	Santos	376	Singer	0459, 0860, 1314, 0340, 0090, 0099, 0703, 0207, 0658, 0649, 0666, 0357, 0667, 0218, 0376	Soundmaster	0124, 0658	Sydney	0
Pionier	1314, 0357, 0486	ProVision	0459, 0714, 0357, 0359, 1324, 1531</												

Tashiko	0650, 0073, 0103, 0713, 0724, 0000, 0357	Telefunken	1163, 0459, 0560, 0625, 0698, 0618, 0793, 0714, 0753, 0820, 0508, 0896, 1314, 1681, 0033, 0187, 0308, 0357, 0153, 0653, 0729, 0732, 0846, 0397, 0444, 0860, 1536, 0486, 3098
Tatung	0459, 0156, 1314, 1756, 0710, 0293, 0134, 0140, 0653, 0693, 0647, 0388, 0796, 0359, 0000, 1720, 0376, 1324	Telefusion	0459, 0357
TCL	3003, 0698, 2403, 2429, 0140, 0222	Telegazi	0459, 0349, 0357, 0409, 0342
TCM	0714, 0650, 0376, 0342, 0207, 0459, 0866, 0867, 0450, 2001	Telemeister	459
Teac	0459, 0171, 0178, 0512, 0668, 0698, 0793, 0714, 1363, 1523, 1755, 0357, 0236, 0376, 0342, 0222, 1909, 1770, 1709, 2352	Teleopta	658
TeachImagen	459	Teleservice	825
Tec	0459, 0099, 0658, 0187, 0666, 0376, 0188, 0357, 0846, 0000	Telesonic	0459, 0357
Tech Line	0459, 0668, 1163, 0357	Telestar	0459, 0357, 0376, 0222, 3154
Techica	349	Telesystem	1163, 0508
Technica	0459, 0124	Teletech	0459, 0668, 0099, 0376, 0666, 0357, 0188
Technics	0459, 0650, 0137	Teleton	0117, 0103, 0000, 0409
Technika	1163, 2352, 1865, 1983, 0459, 2104		
TechniSat	0459, 0263, 0281, 0212, 1163, 3074		
Technisson	0714, 1652		
Techno	459		
Technol Ace	342		
Technosonic	0459, 0625, 1324, 0453, 1326, 2352		
Technotrend	1531		
Technovision	826		
Techvision	1709, 2352, 1531		
Techwood	0459, 1163		
Tecnimagen	459		
Teco	0178, 0653, 1523, 0376, 0818, 0342		
Tedelex	0208, 0860, 1681, 0658, 0376, 1709, 1531, 0342		
Teiron	376		
Tek	0820, 0376		
Teknant	658		
Teknika	108		
TELE System	1523, 1163, 0508		
Tele+1	33		
Teleavia	0185, 0153		
Telecor	0459, 0349, 0357, 0409		

