

# Programming Remote Control

The remote control can handle three devices. However, first you have to set your remote control up for your equipment. You can do it in one of the following ways:

## Brand Setup

First, try indicating the manufacturer of your equipment. Select one of the following options: **TV Setup**, **DVD Setup** or **VCR Setup** depending on what you want to handle. Next, follow these steps:

- Choose the brand name of your equipment. If it is not listed, press **◀** to cancel and go to **Automatic Search**.
- Press **TV / DVD** depending on what you want to handle and then hold **◀** until the light under the former key blinks twice.
- Enter one of the four-digit codes listed below.
- Press **▶**. If your TV/VCR/DVD has turned off, you have chosen the right code. Otherwise, try another code repeating steps 1 – 3. If none of the codes work, try **Automatic Search**.

## Automatic Search

Automatic Search should only be undertaken if none of the brand codes works or your brand name is not listed. Use the **Automatic Search** option.

- Switch on your device. Then press appropriate device key, for example **TV** if you want to set up a TV.
- Press and hold **◀** until the red light under the device key blinks twice.
- Press **9** **9** **9** **1**. The red light blinks twice.
- Press one of the function keys such as **⏪**, **⏩**, **⏻** etc. However, if you do not press any key at this point, the **▶** is tested.
- Aim the remote control at your device and press **Ch** repeatedly until selected function is performed, for example a volume bar appears or the device is switched off.
- Next, press **◀** to store the code for your device. Your device is now programmed to operate your device.

## Finding Your Code

If you want to know what code operates your device, you can obtain it with the **Device Code** option. Choose the option and follow these instructions:

- Switch on your device. Then press appropriate device key, for example **TV** if you want to set up a TV.
- Press and hold **◀** until the red light under the device key blinks twice.
- Press **9** **9** **9** **0**. The red light blinks twice.
- For the first digit of your 4-digit code, press **1** and count the number of times the red light blinks. If the light does not blink, the digit is 0. For the second digit press **2** and count the number of blinks. Do the same for the 3rd and 4th digit.

The code may be later used instead of the ones that are given for **TV Setup**, **DVD Setup** and **VCR Setup** options.

## Pressing One Key Instead of Two or More

You may program your remote control to issue a sequence of commands at a press of one key with the **Advanced Mode** option. For example, to turn off your DVR and TV at the same time, perform the following operations:

- Choose the **Advanced Mode** option
- Press and hold **◀** until the red light on your remote control blinks twice.
- Press **9** **9** **9** **5**.
- Press the key to which you want to assign your sequence of key presses (e.g. **▶**).
- Press the sequence of keys (up to 8) which you would have to press to perform the desired function (e.g. **▶**, **TV**, **▶**, **STB**).
- Press and hold **◀** until the red light blinks twice.

If you have performed the above procedure properly, pressing **▶** in the mode will switch off both your recorder and the TV set.

To reset the programmed sequence of commands, please do the following:

- Press and hold **◀** until the red light blinks twice.
- Press **9** **9** **9** **0**.
- The reset was successful if the red light blinks twice, pauses and blinks twice again.

## Volume Punch Through

You may be able to use some functions of your Television, DVD player or the set top box at the same time.

For example: if you are watching a program on your DVD player, you can adjust the volume (a TV function) without pressing the TV mode key on your remote control.

Last Device Mode Key Pressed: You Can Control: STB TV volume up and down, mute DVD TV volume up and down, mute

To punch through to TV volume while in the DVD or STB mode:

- Press and hold **◀** until the red light blinks twice.
- Press **9** **9** **9** **3**.
- Then press **TV** and the red light will blink twice.

To cancel the "Volume Punch Through" per mode:

(Example: to cancel the "Volume Punch Through" for the DVD mode)

- Press **▶** once.
- Press and hold down the **◀** key until the red light blinks twice.
- Press **9** **9** **9** **3**.
- Then press the **▶** key and the red light will blink four times.

Example: being in DVD mode, you will be able to control VOL+/- or MUTE functions of your DVD (provided it has volume control).

To cancel the „Volume Punch Through“:

- Press and hold **◀** until the red light blinks twice.
- Press **9** **9** **9** **3**.
- Press the **▶** key and the red light will blink four times.

# Brand Codes

The following 4-digit codes are used when configuring the remote control. First find the manufacturer of your equipment and then try the codes one by one.

## TV Sets

<b>A-Mark</b>	0003	<b>AOC</b>	0019 0030 0052 0185 0003	<b>Blue Sky</b>	0037 0714 1037 0487 0668 0715
<b>A.R. Systems</b>	0037 0556 0374 0455	<b>Apex Digital</b>	1943 0473	<b>Arc en Ciel</b>	0399 0501 0109 0196 0198
<b>Abex</b>	0032	<b>Arcam</b>	0216 0399 0217	<b>Arden</b>	0486 0714 0037 0633
<b>Accent</b>	0009 0037 0556	<b>Aristona</b>	0556 0037 0012	<b>Arthur Martin</b>	0163 0400
<b>Accuphase</b>	0556 1909	<b>ASA</b>	0105 0346 0070 0104 0087	<b>ATA</b>	0698
<b>Acec</b>	0012	<b>Asberg</b>	0037 0556 0102	<b>Asora</b>	0009
<b>Adcom</b>	0625 0284	<b>Astra</b>	0037 0556	<b>Asuka</b>	0218 0217 0216 0264 0282 1904
<b>Admiral</b>	0093 0363 0418 0087 0305 0163 0264	<b>Ati</b>	0037 0556	<b>ATD</b>	0698
<b>Adventura</b>	0046	<b>Atorion</b>	0009	<b>Atlantic</b>	0035 0433 0072 0361 0191 0264 0217
<b>Adyson</b>	0068 0217 0216 0032	<b>Audionis</b>	0009 0037 0374 0556 0109 0714 0019 0264	<b>Atori</b>	0037 0072 0412 0508 0753 0256 0706 0805 0068
<b>AEA</b>	0037 0556	<b>Audiophon</b>	0009 0037 0374 0556 0109 0714 0019 0264	<b>Aiwa</b>	0705 0701 1904 1916 1908 1914 1915
<b>Agashi</b>	0216 0264 0217	<b>Audiostar</b>	0216 0264 0217	<b>Akai</b>	0030 0361 0208 0371 1537 0037 0803 0433 0745 0191 0702 0035 0284 0672 0009 0696 0072 0753 0218 0806 0729 0714 0163 0516 0715 0602 0556 0548 0581 0480 0217 0631 0216 0444 0448 0178 0329 0377 0606 0708 1037 1908 0473 0648
<b>AGB</b>	0516	<b>Audioton</b>	0217 0486 0370 0264 0428	<b>Akiba</b>	0218 0282 0455 0037 0556 0294
<b>Agef</b>	0087	<b>Audiovox</b>	0092 0451 0180 0003	<b>Akira</b>	0190
<b>Aigo</b>	0092 0009 0037 0556	<b>Aumark</b>	0060	<b>Akito</b>	0272 0037 0556
<b>Aigoo</b>	0092 0009 0037 0556	<b>Autovox</b>	0087 0206 0544 0349 0217 0247	<b>Akura</b>	0037 0556 0668 1668 0350 0412 0493 0009
<b>Aim</b>	0037 0072 0412 0508 0753 0256 0706 0805 0068	<b>AVP</b>	1904 1908	<b>Alaron</b>	0179 0216
<b>Aiwa</b>	0705 0701 1904 1916 1908 1914 1915	<b>AWA</b>	0011 0036 0009 0157 0374 0451 0412 0037 0556 0216 0606 0217 0108 0264 0785	<b>Alba</b>	0009 0418 0370 0235 0371 0668 0037 0556
<b>Akal</b>	0030 0361 0208 0371 1537 0037 0803 0433 0745 0191 0702 0035 0284 0672 0009 0696 0072 0753 0218 0806 0729 0714 0163 0516 0715 0602 0556 0548 0581 0480 0217 0631 0216 0444 0448 0178 0329 0377 0606 0708 1037 1908 0473 0648	<b>Audiovision</b>	0009 0037 0374 0556 0109 0714 0019 0264	<b>Allegro</b>	0720 0774
<b>Akiba</b>	0218 0282 0455 0037 0556 0294	<b>Autovox</b>	0087 0206 0544 0349 0217 0247	<b>Allegro</b>	0206 0294 0217
<b>Akira</b>	0190	<b>AVP</b>	1904 1908	<b>Almstrad</b>	0177 0020 0516 0264 0354 0371 0218 0171 0037 0556
<b>Akito</b>	0272 0037 0556	<b>AWA</b>	0011 0036 0009 0157 0374 0451 0412 0037 0556 0216 0606 0217 0108 0264 0785	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Akura</b>	0037 0556 0668 1668 0350 0412 0493 0009	<b>AXXON</b>	0009 0037 0714	<b>Almos</b>	0035
<b>Alaron</b>	0179 0216	<b>Baird</b>	0109 0193 0343 0190 0192 0072 0073 0217 0208 1904	<b>Allergo</b>	0720 0774
<b>Alba</b>	0009 0418 0370 0235 0371 0668 0037 0556	<b>Bang &amp; Olufsen</b>	0565 0807	<b>Allegro</b>	0206 0294 0217
<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556	<b>Basic Line</b>	0374 0037 0163 0668 0556 0009 0218 0567 0282 0217 0455 0339 0371 0668 0037 0556	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Almos</b>	0035	<b>Baso</b>	0374 0037 0163 0668 0556 0009 0218 0567 0282 0217 0455 0339 0371 0668 0037 0556	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Allegro</b>	0720 0774	<b>Baysonic</b>	0180	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Allegro</b>	0206 0294 0217	<b>Bazin</b>	0217	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Almos</b>	0035	<b>Beaumarck</b>	0178	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Allstar</b>	0037 0556	<b>Beako</b>	0486 0035 0428 0714 0370 0418 0037 0371	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ambassador</b>	0177	<b>Beck</b>	0565 0807	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ambivision</b>	0217 0400 0370 0235	<b>BenQ</b>	1756	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Amstrad</b>	0177 0020 0516 0264 0354 0371 0218 0171 0037 0556 0433 0412 0362 1037 0648 0581 1904	<b>BenQ</b>	1756	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Anam</b>	0037 0556 0009 0068 0180 0003 0250	<b>Beon</b>	0037 0556 0418 0032	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Anam National</b>	0037 0250 0556 0650	<b>Berthen</b>	0668 1668	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Anex</b>	0421	<b>Best</b>	0337 0370 0421	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Anglo</b>	0009 0264	<b>Bestar</b>	0037 0556 0370 0374	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Anitech</b>	0009 0668 0264 0037 0556 0282 0102	<b>Bestar-Daewoo</b>	0374	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Binatone</b>	0217	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Black Diamond</b>	1037 0556	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Black Panther</b>	0102	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Black Star</b>	0247	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Black Strip</b>	0035	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Blacktronc</b>	0282	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Blackway</b>	0282 0218	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556
<b>Ansonic</b>	0370 0037 0556 0009 0668 0374 0163 0292 0102 0411	<b>Blaupunkt</b>	0284 0428 0535 0195 0200 0327 0328 0448 0455 0170 0411 0163 0036	<b>Almon</b>	0217 0400 0370 0235 0371 0668 0037 0556

<b>Conic</b>	0032	<b>Edison-Minerva</b>	0487	<b>Fisher</b>	0104 0217 0036 0208 0370 0556
<b>Conrad</b>	0037 0556	<b>Elbe</b>	0435 0238 0259 0362 0292 0370 0163 0037 0556 0218 0191 0284 0411 0610 0217 0516 0361 0630	<b>Flint</b>	0037 0556 0610 0207 0218 0455 0264
<b>Contec</b>	0180 0216 1909 0499 0157 0011 0036 0264 0037 0556	<b>Edison</b>	0501 0109 0196 0198 0399 0287 0487	<b>Flint</b>	0037 0556 0610 0207 0218 0455 0264
<b>Continental</b>	0501 0109 0196 0198 0399 0287 0487	<b>Cosmel</b>	0009 0337 0037 0556	<b>FNR</b>	0102
<b>Edison</b>	0501 0109 0196 0198 0399 0287 0487	<b>Apollo</b>	0009 0337 0037 0556	<b>Forgestone</b>	0193
<b>Elbe</b>	0435 0238 0259 0362 0292 0370 0163 0037 0556 0218 0191 0284 0411 0610 0217 0516 0361 0630	<b>Craig</b>	0180	<b>Formenti</b>	0163 0037 0556 0486 0247 0074 0163
<b>Elbe-Sharp</b>	0516	<b>Crosley</b>	0054 0087 0247 0074 0163	<b>Grandin</b>	0037 0556 0009 0163 0610 0174 0715 0668 0374 0320 0282 0218 0455 0400 0235 0247 1668
<b>Elicit</b>	0087 0247 0516 0102 0163	<b>Crown</b>	0009 0180 0712 0370 0486 0037 0556 0487 0714 0606 0715 0421 0418 0359 0305 0349 0672 0053 0399 1928	<b>Friac</b>	0009 0037 0556 0102 0421 0370 0499 0655 0610
<b>Electroband</b>	0000 0185	<b>Crystal</b>	0431	<b>Gronic</b>	0102 0217 0163
<b>Elektra</b>	0009 0037 0556 0264 0282	<b>CS Electronics</b>	0216 0218	<b>Grundig</b>	0035 0195 0191 0554 0487 0070 0706 0037 0556 0587 0009 0036 0443 0370 0740 1935 1908 0630
<b>ELG</b>	0037 0556	<b>CTC</b>	0247	<b>Grupny</b>	0179 0206 0072 0102 0217 0163 0009 0683 0037 0556
<b>Elin</b>	0216 0037 0556 0105 0104 0548 0361 0448 0370 0531	<b>CXC</b>	0180	<b>Haaz</b>	0706
<b>Elite</b>	0218 0037 0535 0320 0305	<b>Cybertron</b>	0218	<b>Haier</b>	0698 0869 0264
<b>Elman</b>	0102	<b>D-Trision</b>	0037 0556	<b>Halifax</b>	0264 0216 0217
<b>Elta</b>	0009 0668 0264 0216 0431	<b>Daewoo</b>	0092 0634 0374 0019 1909 0499 0037 0556 0009 0216 0412 1668 0217 0451 1137 1902 1928 1908	<b>Fujiitsu</b>	0179 0206 0072 0102 0217 0163 0009 0683 0037 0556
<b>Emco</b>	0247	<b>Daewoo</b>	0092 0634 0374 0019 1909 0499 0037 0556 0009 0216 0412 1668 0217 0451 1137 1902 1928 1908	<b>Fujitsu</b>	0179 0206 0072 0102 0217 0163 0009 0683 0037 0556
<b>Emerson</b>	0177 0180 0714 0178 0087 0179 0247 0037 0166	<b>Datsun</b>	0208	<b>Funai</b>	0180 0668 0179 0264 0294 0303 0370 0163 0321
<b>Emperor</b>	0282	<b>Dawson</b>	0037 0556	<b>Futronic</b>	0264 0795 0860
<b>Envision</b>	0030	<b>Daxx</b>	0218 0216	<b>Future</b>	0037 0556
<b>Enzer</b>	0696 0753	<b>Dansai</b>	0037 0556 0264 0032 0035 0216 0009 0036 0217 0		

<b>Proton</b>	0478 0466	<b>Saisho</b>	0235 0516	<b>Sharp</b>	0093 0165	<b>Supersonic</b>	0208 0556	<b>Tempest</b>	0009 0037	<b>Universum</b>	0346 0105	<b>GBC</b>	0020	<b>Mitsubishi</b>	0043 0067	<b>Shivaki</b>	0037	<b>Alba</b>	0717 0699	<b>Electrohome</b>	0770 0784	<b>MEI</b>	0790	<b>Scott</b>	0718 0780	<b>Yelo</b>	0718 0780
	0903 0052		0177 0009		0386 1193		0698 0264		0556 0264		0535 0195	<b>GBSat</b>	1947	<b>GBSat</b>	0081 0480	<b>Siemens</b>	0037 0104		0713 0723	<b>Elin</b>	0770	<b>Memorex</b>	0774		0651 0672	<b>Yukai</b>	0730 1917
<b>Provision</b>	0499 0037		0011 0033		0157 0036		0805		0037 0556		0473 0361	<b>GE</b>	0320	<b>GE</b>	0608 0000		0081 0320		0735 0695	<b>Eliion</b>	0850	<b>Metz</b>	0571 0525		0881 0853	<b>Zenith</b>	0503 0591
	0556 1037		0217 0431		0294 0491	<b>SuperTech</b>	0009 0037		0104 0218		0247 0492	<b>GECC</b>	0081		0642		0347		0730 0783	<b>Elta</b>	0690 0770		0713		1036		0741
	0714		0163 0264		0653 0053		0556 0216		0107 0294		0480 0370	<b>Geeco</b>	2009	<b>Multitec</b>	0037		0037		0539 0672	<b>Emerson</b>	0591 0705		0522	<b>SEG</b>	0665 0713		0849
<b>Pulsar</b>	0017 0019		0354 0544		0256 0193		0218		0210 0009		0200 0146	<b>General</b>	0039	<b>General</b>	0020 0104	<b>Siera</b>	0037		1140 1051	<b>Encore</b>	0698 0790		0713		0768 0798		0872
<b>Pye</b>	0037 0556		0554 0191		0186 0516	<b>Superton</b>	0431		0320 0009		0512 0294	<b>Genexxa</b>	0348		0348	<b>Silver</b>	0278		0790 0712	<b>EuroLine</b>	0788 1115		0712		0766 1092		0712
	0102 0087		0668 0712		0200 0760	<b>Supra</b>	0178 0374		0105 0374		0036 0157	<b>Goldhand</b>	0104		0104	<b>Singer</b>	0271 0348		0784 0770	<b>Emerson</b>	0591 0705		0522	<b>Shanghai</b>	0630 0752		0752
	0349 0412		1037 1668		0163 0556	<b>Susumu</b>	0335 0218		0037 0687		0032 0070	<b>GoldStar</b>	0237		0237		0045		0850	<b>Encore</b>	0698		0695	<b>Sharp</b>	0630 0752		0695
<b>Pymi</b>	0009		0163		0037 0556		0287		0247 0715		0163 0264	<b>NAD</b>	0104		0104	<b>Sinudyne</b>	0081 0352		0764 0835	<b>Enzer</b>	0665 0701		0752	<b>Sherwood</b>	0717 0741		0741
<b>Quadra</b>	0400		0455		0442 0451		0287		0104 0037		0556 0421	<b>NAP</b>	0039		0039	<b>skyplus</b>	2009		0480 0835	<b>Enzer</b>	0784 0766		0712	<b>Sky</b>	0633 1043		0712
<b>Quadral</b>	0218		0290 0194		0374 0178	<b>Switron</b>	0009		0320 0009		0529 1901	<b>National</b>	1562		1062	<b>Smaraad</b>	0020		1100 1001	<b>EuroLine</b>	0788 1115		0712		0788 0770		0712
<b>Quasar</b>	0247 0650		0359 0163		0374 0178	<b>Swissline</b>	0247		0041 0037		0041 0020	<b>Nebla</b>	0033		0033	<b>Solarox</b>	0020		0672 0759	<b>EuroLine</b>	1083		0651	<b>Shinco</b>	0633 1043		0712
	0250 0009		0356 0359		0294 0179	<b>Sydney</b>	0216 0217		0559 0377		1010 0668	<b>NEC</b>	0041		0041	<b>Sonitron</b>	0047		1100 1056	<b>Finlux</b>	0741 0770		0651	<b>Shinshonic</b>	0839		0839
	0251 0924		0516 0363		0418 0009	<b>Sylvania</b>	0054 0188		0556 0648		0020 0240	<b>Sony</b>	0045		0045	<b>Sonolux</b>	0048 0348		0751	<b>Finlux</b>	0676 0783		0764	<b>Sigmatex</b>	0857		0857
<b>Quelle</b>	0037 1505		0548 0339		0418 0009		0054 0188		0668 1137		0544 0349	<b>GPX</b>	0032		0032	<b>skyplus</b>	2009		0672 0759	<b>Firstline</b>	0759 0869		0651	<b>Singer</b>	0690 0716		0716
	1010 0011		0208 0480		0418 0009		0030		0072 1137		0109 0362	<b>Granada</b>	0240		0240	<b>AMW</b>	1562 1062		0672 0759	<b>Fisher</b>	1919		0651	<b>Sinotec</b>	0768 0768		0768
	0501 0109		0621		0163 0087	<b>Symphonic</b>	0171 1904		0217 0374		0337 0177	<b>Neckermann</b>	0041		0041	<b>Anex Digital</b>	0226 0162		1100 1056	<b>GE</b>	0764 0770		0764	<b>Sinotec</b>	0768 0768		0768
	0512 0535		0335		0102 0516	<b>Syline</b>	0037 0556		0009 0216		0631 0554	<b>Nesco</b>	0072		0072	<b>Arcam</b>	0037 0348		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0544 0349		0300 0032		0191 0535	<b>Syting</b>	0216		0216 0216		0509 0216	<b>Neufunk</b>	0037		0037	<b>Arena</b>	0852		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0554 0191		0052		0195 0327	<b>T-A</b>	0447		0217 0374		0631 0554	<b>Nikka</b>	0020		0020	<b>Aria</b>	0893		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0361 0032		0059		0328 0157	<b>Tactus</b>	0272		0217 0374		0631 0554	<b>Nokia</b>	0104		0104	<b>Arianet</b>	0893		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0206 0217		0019 0618		0032	<b>Tandberg</b>	0367 0411		0217 0374		0631 0554	<b>Okano</b>	0315		0315	<b>Ariston</b>	0673		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0347 0074		0056 0587		0146 0037		0411 0037		0217 0374		0631 0554	<b>Orion</b>	0043		0043	<b>Ariston</b>	0673		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0327 0328		0030 0556		0556 0361		0196 0362		0217 0374		0631 0554	<b>Sunkai</b>	0348		0348	<b>AWA</b>	0730 0872		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0070 0104		0009 0702		0012 0587		0361 0163		0217 0374		0631 0554	<b>Sunstar</b>	0000		0000	<b>AXION</b>	0730		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0105 0668		0093 0217		0012 0587		0361 0163		0217 0374		0631 0554	<b>Sunstronic</b>	0000		0000	<b>Baier</b>	0893		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0448 0482		0448 0482		0012 0587		0361 0163		0217 0374		0631 0554	<b>Sunwood</b>	0072		0072	<b>Bang &amp; Olufsen</b>	0893		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0195 0200		0195 0200		0012 0587		0361 0163		0217 0374		0631 0554	<b>Supra</b>	0037		0037	<b>Basic Line</b>	0713 1994		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0264 0290		0329 0090		0012 0587		0361 0163		0217 0374		0631 0554	<b>Symphonic</b>	0000		0000	<b>BBK</b>	0862 1084		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0216 0294		0216 0290		0012 0587		0361 0163		0217 0374		0631 0554	<b>T-A</b>	0162		0162	<b>HCLM</b>	0872		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0346 0421		0644 0060		0012 0587		0361 0163		0217 0374		0631 0554	<b>Tandberg</b>	0278		0278	<b>Best Buy</b>	0857		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0009 1668		0642 0060		0012 0587		0361 0163		0217 0374		0631 0554	<b>Tashiko</b>	0000		0000	<b>Black</b>	0713 0730		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
<b>Questa</b>	0036 0032		0032 0072		0012 0587		0361 0163		0217 0374		0631 0554	<b>Diamond</b>	0240		0240	<b>Diamond</b>	0716		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
<b>R-Line</b>	0037 0556		0208 0519		0012 0587		0361 0163		0217 0374		0631 0554	<b>Blau Punkt</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0163		0163 0625		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0163		0163 0625		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
<b>Radialva</b>	0109 0218		0812		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0431 0163		0812		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0037 0556		0287 0337		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
<b>Radiola</b>	0037 0556		0037 0556		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0012 0217		0037 0556		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0087 0516		0247 0037		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0556		0427 0037		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
<b>Radiomarelli</b>	0087 0516		0247 0037		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0556		0427 0037		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881		0764	<b>Sinotec</b>	0768 0768		0768
	0556		0427 0037		0012 0587		0361 0163		0217 0374		0631 0554	<b>Brannwave</b>	0717		0717	<b>Bosston</b>	0777		1100 1056	<b>Acoustics</b>	0718 0881						