

## Programming Remote Control

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

##### Brand Setup

First, find the manufacturer of your equipment on the Brand Codes list. If the manufacturer's brand is not listed, go to **Automatic Search** below. To set up your remote control follow these steps:

- Turn the device on.
- Press **TV** / **AUD** / **DVD** / **AUX** / **STB** depending on what mode you want to handle and then hold **OK** until the device key blinks twice.
- Enter one of the codes from the list. If the code was correct the mode key blinks twice. If not, the key emits one long blink. Then, you will have to repeat steps 2 and 3 until entering the correct code.
- Press **MEM**. If the device has turned off, you have chosen the right code. 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 mode key, for example **TV** if you want to set up a TV.
- Press and hold **OK** until the mode key blinks twice.
- Press **9** **9** **1**. The mode key blinks twice.
- Aim the remote at the device and press **MEM**.
- Press **▲** / **▼** repeatedly until the device is switched off.
- Press **MEM** to turn the TV on.
- Next, press **OK** to store the code for your device. The mode key blinks twice. Your remote control is now programmed to operate your TV set.
- To search codes for other devices repeat steps 1 through 7, but substitute the **TV** key with the appropriate one for the mode you are searching for.

##### Finding Your Code

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

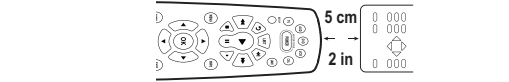
- Switch on your device. Then press appropriate mode key, for example **TV** if you want to set up a TV.
- Press and hold **OK** until the mode key blinks twice.
- Press **9** **9** **0** **0**. The mode key blinks twice.
- For the first digit of your code, press **1** and count the number of times the key blinks (e.g. 2 blinks = 2). 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 remaining digits.

- To check for other device codes, repeat the above steps, but substitute the **TV** key with the appropriate one for the device you are checking.

##### Using Learning

Your remote control includes a learning feature. It means you can transfer some unique functions from the remote control of other device to this remote control.

- Press **OK** until the last selected mode key blinks twice. Then press **9** **7** **5**.
- Press the mode key. For example to transfer a function from DVD remote control press **DVD**.
- Press the key on which the function will be stored.
- Place your remote control and the device remote control (e.g. your DVD remote control) head-to-head, about 5 centimeters / 2 inches apart.



- On the device remote, press and hold the key to be learned. The target remote control will blink rapidly and turn off. Keep holding the key on the device remote control until the device key on the target remote blinks twice.
- If the learning failed, the device key emits one long blink. You will have to repeat step 5.

##### Deleting a Single Learning Key

Once you used a particular key to store a new function on it, you may restore the original function of the key.

- Press **OK** until the last selected mode key blinks twice. Then press **9** **7** **6**.
- Press the mode key (for example **DVD**). The mode key blinks twice.
- Press the key containing the learned function. The mode key blinks twice.
- Press and hold **OK** to exit programming.

##### Deleting All Learned Keys

- Press **OK** until the last selected mode key blinks twice. Then press **9** **7** **6**.
- Press the mode key twice (for example **DVD**). All the learned keys for this mode will be cleared. The mode key blinks twice.
- Press and hold **OK** to exit programming.

##### Using the Master Power Key

Your remote has a feature that enables you to sequentially turn up to five devices on and off with a single key press. This functionality works only if the remote control is in STB mode.

- Press **OK** until the last selected mode key blinks twice.
- Press **9** **9** **5**. The last selected mode key will blink twice.
- Press **MEM**.
- Press the mode key for the device you would like to turn on first and press **MEM**. Then press the mode key for the second device to turn on and once again **MEM**. Repeat the steps until adding all the devices you want to be operated.
- To save settings press **STB**.
- Next press **OK** to exit programming.

##### Volume Lock

The remote control enables you to control volume level of different devices without selecting the mode key for each device. For example: if you are watching a film on your DVD player, you can adjust the volume for your TV set, without pressing the TV mode key on your remote control.

To set the Volume Lock for your TV:

- Press and hold **OK** until the last selected mode key blinks twice.
- Press **9** **9** **3**. The last selected mode key will blink twice.
- Then press **TV** and the device key blinks twice.

##### Deleting "Volume Lock" for a particular device (for example for DVD)

- Press **DVD** once.
- Press and hold down the **OK** key until the mode key blinks twice.
- Press **9** **9** **3**. The mode key blinks twice.
- Then press the **▼** key and the mode key will blink four times.

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

##### Deleting „Volume Lock“ for all devices

- Press and hold **OK** until the last selected mode key blinks twice.
- Press **9** **9** **3**.
- Press the **▲** key and the the last selected mode key will blink four times.

##### Clearing Custom Programming

You may clear the custom programming and revert to the default settings of the remote control. To do that, follow these steps:

- Press **OK** until the last selected mode key blinks twice.
- Enter **9** **8** **0**. The last selected mode key blinks twice, pauses, and blinks twice again.

This procedure does not affect your setup codes. They remain in memory of the remote control.

##### Troubleshooting

Problem	Solution
Device key does not blink when you press a key.	Replace the batteries with two (2) new AA batteries.
Device key blinks when you press a key, but home entertainment device does not respond.	Make sure you are aiming the remote control at your home entertainment device and that you are within 4.5 meters / 15 feet of the device you are trying to control.
The remote control does not control home entertainment devices or commands are not performing properly.	Try all listed codes for the device brand being set up. Make sure all devices can be operated with an infrared remote control.
TV/VCR Combo does not respond properly.	Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation.

PLAY and STOP keys do not work on a Motorola DCT-2000 cable converter.

Tried Search Method and still could not find a working code.

- a. Press and hold **OK** until device key blinks twice.
- b. Enter **9** **9** **2**.
- c. Press and release the device key to be cleared twice.

Remote control does not turn on Sony or Sharp TV/VCR Combo.

For power on, these products require programming TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.

## Brand Codes

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

## Audio Amplifiers

<b>Adcom</b>	0577, 1100	<b>Pioneer</b>	1023, 0014, 0080, 0150, 0244, 0531, 0630, 1384
<b>Bose</b>	0674	<b>Polk Audio</b>	0189, 1289, 1414
<b>Durabrand</b>	1561	<b>Proscan</b>	1254
<b>Elan</b>	0647	<b>RCA</b>	1023, 1609, 1254, 0080, 0531, 1074, 1390, 1511
<b>GE</b>	0078	<b>Rio</b>	1869
<b>Harman/ Kardon</b>	0892	<b>Samsung</b>	1295, 1500
<b>JVC</b>	0331	<b>Sansui</b>	0189
<b>Left Coast</b>	0892	<b>Sanyo</b>	1251, 1469, 1801
<b>Lennox</b>	1561	<b>Sharp</b>	0186, 1286
<b>Luxman</b>	0165	<b>Sharper Image</b>	1556
<b>Marantz</b>	0892, 0321	<b>Sherwood</b>	1077, 1517, 1653
<b>McIntosh</b>	0251	<b>Sirius</b>	1627, 1811, 1987
<b>Nakamichi</b>	0321	<b>Sonic Blue</b>	1532, 1869
<b>NEC</b>	0264	<b>Sony</b>	1058, 1441, 1258, 1759, 1622, 0474, 1349, 1406, 1442, 1558, 1658, 1758, 1858
<b>Optimus</b>	0395, 0823	<b>Soundesign</b>	0670
<b>Parasound</b>	0246	<b>Stereo-phonics</b>	1023
<b>Philips</b>	0892	<b>Sunfire</b>	1313
<b>Pioneer</b>	0823	<b>Teac</b>	1074, 1390, 1528
<b>Polk Audio</b>	0892	<b>Technics</b>	1308, 1518, 0309
<b>RCA</b>	0823	<b>Thorens</b>	1189
<b>Realistic</b>	0395	<b>Toshiba</b>	1788
<b>Sansui</b>	0321	<b>Venturer</b>	1390
<b>Shure</b>	0264	<b>Wards</b>	0189, 0014, 0080, 1089, 1442, 1558, 1331, 1375
<b>Sony</b>	0689, 0815, 1126	<b>XM</b>	1406, 1414
<b>Soundesign</b>	0078, 0211	<b>Yamaha</b>	0176, 0186, 1176, 1276, 1331, 1375
<b>Victor</b>	0331	<b>Zenith</b>	0857, 1293
<b>Wards</b>	0078, 0211		
<b>Yamaha</b>	0354, 0133		

<b>Go Vision</b>	0744, 0715, 0741, 0783, 0833, 0869, 1044, 1075, 1099, 1144, 1158, 1304, 1443, 1730
<b>Go Video</b>	0744, 0715, 0741, 0783, 0833, 0869, 1044, 1075, 1099, 1144, 1158, 1304, 1443, 1730
<b>Go Vision</b>	1071, 1072
<b>GoldStar</b>	0741
<b>GPX</b>	0699, 0769
<b>Greenhill</b>	0717
<b>Harman/ Kardon</b>	0582, 0702
<b>Hitachi</b>	0573, 0664, 1247, 1919, 1126
<b>Hiteker</b>	0672
<b>ilo</b>	1348, 1472
<b>Initial</b>	0717, 1472
<b>Innovative Technology</b>	1542
<b>Insignia</b>	1268
<b>Integra</b>	0627
<b>Jaton</b>	1078
<b>JBL</b>	0189, 0702
<b>Jensen</b>	1016
<b>JSI</b>	1423
<b>JVC</b>	0558, 0623, 0867, 1164, 1271, 1602, 1863
<b>JWin</b>	1049, 1051
<b>Kawasaki</b>	0790
<b>Kenwood</b>	0490, 0534, 0682, 0737
<b>KLH</b>	0717, 0790, 1020, 1149, 1261
<b>Konka</b>	0711, 0719, 0720, 0721
<b>Koss</b>	0651, 0896, 1423
<b>Kreisen</b>	1421
<b>Landel</b>	0826
<b>Lasonic</b>	0498, 1173
<b>Lennox</b>	1127
<b>LG</b>	0591, 0741, 0801, 0869, 1526

<b>Americast</b>	0899
<b>Amino</b>	1822
<b>Digeo</b>	1187
<b>General Instrument</b>	0476, 0810
<b>Jerrold</b>	0476, 0810
<b>Motorola</b>	1376, 0810, 1187, 1106, 1540, 0476
<b>Myrio</b>	1822
<b>Pace</b>	1376, 1877, 0237
<b>Panasonic</b>	1376, 1877
<b>Pioneer</b>	1877, 0877
<b>RCA</b>	1256
<b>Sasktel</b>	1737
<b>Samsung</b>	1376, 1877
<b>Scientific Atlanta</b>	1877, 0877
<b>Sony</b>	1006
<b>Supercable</b>	0276
<b>Thomson</b>	1256
<b>Zenith</b>	0899

## DVD Players

<b>Accurian</b>	1072, 1416
<b>Adcom</b>	1094
<b>Advent</b>	1016
<b>Aiwa</b>	0641
<b>Akai</b>	0695, 0770, 0899, 1089
<b>Alco</b>	0790
<b>Allegro</b>	0869
<b>Amphion Media Works</b>	0872, 1245
<b>AMW</b>	0872, 1245
<b>Apex Digital</b>	0672, 0717, 0755, 0794, 0796, 0797, 0830, 1004, 1020, 1056, 1061, 1100
<b>Arrgo</b>	1023
<b>Aspire Digital</b>	1168, 1407
<b>Audiologic</b>	0736
<b>Audiovox</b>	0790, 1041, 1071, 1072, 1121, 1122
<b>Axon</b>	1071, 1072
<b>B &amp; K</b>	0655, 0662
<b>BK</b>	1224
<b>Bel Canto Design</b>	1571
<b>Blaupunkt</b>	0717
<b>Blue Parade</b>	0571
<b>Broksonic</b>	0695, 0868, 1419
<b>Buffalo</b>	1882
<b>Cary Audio Design</b>	1477
<b>CAVS</b>	1057
<b>Centrios</b>	1577
<b>Cinea</b>	0831
<b>Cinego</b>	1399
<b>CineVision</b>	0876, 0833, 0869
<b>Citizen</b>	1277
<b>Coby</b>	0778, 0852, 1086, 1107, 1165, 1177, 1351

<b>Microsoft</b>	0522, 1708
<b>Mitsubishi</b>	0839, 0717, 1472
<b>Momitsu</b>	1082
<b>NAD</b>	0741
<b>Nakamichi</b>	1222
<b>NEC</b>	0785
<b>Nesa</b>	0717, 1603
<b>NeuNeo</b>	1454
<b>NextBase</b>	1086
<b>NexTech</b>	1402
<b>Norcent</b>	1003, 0872, 1107, 1265, 1457
<b>Onkyo</b>	0503, 0627, 0792
<b>Opko</b>	1224, 1525
<b>OptoMedia Electronics</b>	0896
<b>Oritron</b>	0651
<b>Panasonic</b>	0490, 0632, 0703, 1362, 1462, 1490, 1762
<b>Philips</b>	0503, 0539, 0646, 0675, 0854, 1260, 1267, 1354
<b>Pioneer</b>	0525, 0571, 0886, 1245, 1316, 1478, 1480, 1482
<b>Polaroid</b>	1020, 1061, 1086, 1245, 1351
<b>Polk Audio</b>	0816, 0874, 1023, 1024, 1117, 1129, 1502, 1537
<b>Portland</b>	0770
<b>Presidian</b>	0675, 1072
<b>Prima</b>	1016
<b>Primare</b>	1467
<b>Princeton</b>	0674

<b>Daewoo</b>	0784, 0705, 0833, 0869, 1169, 1172, 1234, 1242, 1441, 1443
<b>Denon</b>	0490, 0634
<b>Desay</b>	1407, 1455
<b>Diamond Vision</b>	1316, 1609, 1610
<b>Disney</b>	0675, 1270
<b>Dual</b>	1068, 1085
<b>Durabrand</b>	1127
<b>DVDR2000</b>	0521
<b>EMVD</b>	0591, 0675, 0821, 1268
<b>Enterprise</b>	0591
<b>ESA</b>	0821, 1268, 1443
<b>Fisher</b>	0670, 1919
<b>Funai</b>	0675, 1268, 1334
<b>Gateway</b>	1073, 1077, 1158
<b>GE</b>	0522, 0815, 0717

<b>Go Video</b>	0744, 0715, 0741, 0783, 0833, 0869, 1044, 1075, 1099, 1144, 1158, 1304, 1443, 1730
<b>Go Vision</b>	1071, 1072
<b>GoldStar</b>	0741
<b>GPX</b>	0699, 0769
<b>Greenhill</b>	0717
<b>Harman/ Kardon</b>	0582, 0702
<b>Hitachi</b>	0573, 0664, 1247, 1919, 1126
<b>Hiteker</b>	0672
<b>ilo</b>	1348, 1472
<b>Initial</b>	0717, 1472
<b>Innovative Technology</b>	1542
<b>Insignia</b>	1268
<b>Integra</b>	0627
<b>Jaton</b>	1078
<b>JBL</b>	0189, 0702
<b>Jensen</b>	1016
<b>JSI</b>	1423
<b>JVC</b>	0558, 0623, 0867, 1164, 1271, 1602, 1863
<b>JWin</b>	1049, 1051
<b>Kawasaki</b>	0790
<b>Kenwood</b>	0490, 0534, 0682, 0737
<b>KLH</b>	0717, 0790, 1020, 1149, 1261
<b>Konka</b>	0711, 0719, 0720, 0721
<b>Koss</b>	0651, 0896, 1423
<b>Kreisen</b>	1421
<b>Landel</b>	0826
<b>Lasonic</b>	0498, 1173
<b>Lennox</b>	1127
<b>LG</b>	0591, 0741, 0801, 0869, 1526

<b>Proscan</b>	0522, 0571, 0717, 0790, 0822, 1022, 1132, 1193
<b>ProVision</b>	0778
<b>Qwestar</b>	0651
<b>RCA</b>	0522, 0571, 0717, 0790, 0822, 1022, 1132, 1193
<b>Rio</b>	0869
<b>RTech</b>	1360
<b>Rotel</b>	0623, 1178
<b>Rowa</b>	0823
<b>Sampo</b>	0698, 0752, 1501
<b>Samsung</b>	0490, 0573, 0820, 0899, 1044, 1075
<b>Sansui</b>	0695
<b>Sanyo</b>	0670, 0695, 0873, 1919
<b>Sensory Science</b>	1158
<b>Sharp</b>	0630, 0675, 0752, 1256
<b>Sharper Image</b>	1117
<b>Sherwood</b>	0633, 0770, 1043, 1077, 1889

<b>Shinsonic</b>	0533, 0839
<b>Sigma Designs</b>	0674
<b>Sonic Blue</b>	0869, 1099
<b>Sony</b>	0533, 1533, 0864, 1033, 1431, 1432, 1433, 1548, 1892
<b>Sound Mobile</b>	1298
<b>Sova</b>	1122
<b>Sungale</b>	1074, 1532
<b>Superscan</b>	0821
<b>SVA</b>	0860, 1105
<b>Sylvania</b>	0675, 0821, 1268
<b>Symphonic</b>	0675, 0821
<b>TAG McLaren</b>	0894
<b>Teac</b>	0790, 0809
<b>Technics</b>	0490, 0703
<b>Technosonic</b>	0730
<b>Techwood</b>	0692
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<b>Toshiba</b>	0154, 1256, 0156, 1265, 0060, 1945, 1935, 1704, 1656, 1635, 1356, 1343, 1325, 1306, 1156, 0845, 0832, 0650, 0149, 0036
<b>Tosonic</b>	0185
<b>Totevision</b>	0039
<b>Trical</b>	0157
<b>TVS</b>	0463
<b>Ultra</b>	0391, 1323
<b>Universal</b>	0027
<b>Universum</b>	1337
<b>US Logic</b>	1286, 1303
<b>Vector Research</b>	0030
<b>Victor</b>	0053
<b>Video Concepts</b>	0098
<b>Vidikron</b>	0054, 0242, 1398
<b>Vidtech</b>	0178, 0019, 0036
<b>Viewsonic</b>	0797, 0857, 0864, 0885, 1330, 1342, 1578, 1627, 1755

<b>Viking</b>	0046, 0312
<b>Viore</b>	1207
<b>Visart</b>	1336
<b>Vizio</b>	0864, 0885, 1499, 1756, 1758
<b>Wards</b>	0054, 0178, 0030, 1156, 0866, 0202, 0179, 0174, 0165, 0111, 0096, 0080, 0056, 0029, 0028, 0027, 0021, 0020, 0019, 0016
<b>Waycon</b>	0156
<b>Westing-house</b>	0885, 0889, 0890, 1282, 1571
<b>White Westing-house</b>	0463, 0623
<b>Wyse</b>	1365
<b>Yamaha</b>	0030, 0019, 0769, 0797, 0833, 0839
<b>Zenith</b>	0017, 0463, 1265, 0178, 0092, 0016

<b>Zonda</b>	0003
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<b>Hewlett Packard</b>	1494
<b>HP</b>	1494
<b>LG</b>	1265
<b>Magnavox</b>	1525
<b>Mitsubishi</b>	1250
<b>Optoma</b>	0887
<b>Panasonic</b>	1291
<b>RCA</b>	1447
<b>Samsung</b>	0812, 1060, 1312

<b>SVA</b>	0872
<b>Toshiba</b>	1265, 1306
<b>Vizio</b>	1499

## TVs (HDTV)

<b>Advent</b>	0842
<b>Hitachi</b>	1960
<b>Marantz</b>	0854
<b>Mitsubishi</b>	0150
<b>Panasonic</b>	0250, 0650, 1291
<b>Pioneer</b>	0679
<b>Princeton</b>	0717
<b>RCA</b>	1447
<b>Samsung</b>	0812, 0702
<b>Sharp</b>	0688, 0689
<b>Toshiba</b>	1256

## TVs (LCD)

<b>Accurian</b>	1803
<b>Action</b>	0873
<b>Akai</b>	1935
<b>AOC</b>	1365
<b>Apex Digital</b>	0890, 1217
<b>Astar</b>	1548
<b>Audiovox</b>	0180, 0710, 0802, 0846, 0875, 1284, 1937, 1951, 1952
<b>BenQ</b>	1315
<b>Byd:sign</b>	1309, 1311
<b>Cadia</b>	1283
<b>CyberHome</b>	0794
<b>Dell</b>	1080, 1178, 1264
<b>Emprex</b>	1422, 1546
<b>Envision</b>	0813, 1365
<b>FlexVision</b>	0710
<b>Funai</b>	0171
<b>Go Video</b>	0886
<b>Hannspree</b>	1348, 1351
<b>Hewlett Packard</b>	1088

<b>HP</b>	1088
<b>Hyundai</b>	0849, 1219, 1294
<b>iLo</b>	1286, 1603, 1990
<b>Initial</b>	1603, 1990
<b>Insignia</b>	1204, 1517, 2002
<b>Jensen</b>	1299
<b>Kost</b>	1262
<b>LG</b>	0856, 1178, 1993
<b>Magnavox</b>	1454, 0802, 1198
<b>Marantz</b>	0855
<b>Maxent</b>	0762, 1211
<b>Mintek</b>	1603, 1990
<b>Mitsubishi</b>	1250
<b>NetTV</b>	0762
<b>Norcent</b>	1365, 1589, 1591
<b>Norwood Micro</b>	1286, 1296
<b>Olevia</b>	1144, 1240, 1331, 1610

<b>Panasonic</b>	0650, 1941
<b>Petters</b>	1523
<b>Philips</b>	1454, 1483
<b>Polaroid</b>	1262, 1276, 1316, 1341, 1498, 1523
<b>Protron</b>	1320, 1323
<b>Proview</b>	1401
<b>RCA</b>	0047, 1958
<b>Sampo</b>	0762
<b>Samsung</b>	0812, 0766, 0814, 1395, 1575
<b>Sansui</b>	1409
<b>Sanyo</b>	1142
<b>Sceptre</b>	0878, 1217, 1360, 1599

<b>Sharp</b>	0093, 0818, 1602
<b>Sherwood</b>	1399
<b>Signet</b>	1262
<b>Sony</b>	0810
<b>Sova</b>	1320
<b>Soyo</b>	1520
<b>Superscan</b>	0864
<b>SVA</b>	0587, 0870, 0871

<b>Sylvania</b>	0171, 1271
<b>Symphonic</b>	0171
<b>Syntax</b>	1144, 1240, 1331
<b>Tatung</b>	1286
<b>Techview</b>	0847
<b>Toshiba</b>	0845, 1343, 1635, 1656

<b>Ultra</b>	1323
<b>US Logic</b>	1286
<b>Vidikron</b>	1398
<b>Viewsonic</b>	0857, 0864, 0885, 1330, 1578, 1627
<b>Visart</b>	1336
<b>Vizio</b>	0864, 0885, 1756
<b>Westing-house</b>	0885, 0889, 0890, 1282, 1577

<b>Wyse</b>	1365
<b>Zenith</b>	1265

## TV/DVD Combos

<b>Controlled by the TV</b>	
<b>Accurian</b>	1803
<b>Action</b>	1933
<b>Akai</b>	1935
<b>Apex Digital</b>	1943
<b>Audiovox</b>	1937, 1951, 1952
<b>Axion</b>	1937
<b>Broksonic</b>	1935
<b>Cinego</b>	1986
<b>Diamond Vision</b>	1997
<b>Emerson</b>	1963
<b>ESA</b>	1963
<b>Funai</b>	1963
<b>Hitachi</b>	1960
<b>iLo</b>	1990
<b>Initial</b>	1990
<b>Insignia</b>	1963, 2002
<b>Jensen</b>	1933
<b>KLH</b>	1962
<b>LG</b>	1993
<b>Magnavox</b>	1963
<b>Mintek</b>	1990
<b>Panasonic</b>	1941
<b>Polaroid</b>	1991
<b>Prima</b>	1933
<b>RCA</b>	1948, 1958, 2002

<b>Samsung</b>	1903
<b>Sansui</b>	1935
<b>Sova</b>	1952
<b>Sylvania</b>	1963
<b>Toshiba</b>	1635, 1935
<b>Controlled by the DVD</b>	
<b>Advent</b>	1016
<b>Akai</b>	0695
<b>Apex Digital</b>	0830
<b>Audiovox</b>	1071, 1121, 1122
<b>Axion</b>	1071
<b>Broksonic</b>	0695

<b>Cinego</b>	1399
<b>Diamond Vision</b>	1610
<b>Emerson</b>	0675, 1268
<b>ESA</b>	1268
<b>Funai</b>	1268
<b>Go Vision</b>	1071
<b>Hitachi</b>	1247
<b>iLo</b>	1472
<b>Initial</b>	1472
<b>Insignia</b>	1268
<b>Jensen</b>	1016
<b>KLH</b>	1261
<b>Konka</b>	0719, 0720
<b>LG</b>	1526
<b>Magnavox</b>	1268
<b>Mintek</b>	1472
<b>Panasonic</b>	1490
<b>Philips</b>	0854, 1260
<b>Polaroid</b>	1480
<b>Prima</b>	1016
<b>RCA</b>	1022, 1193
<b>Samsung</b>	0899
<b>Sansui</b>	0695
<b>Sova</b>	1122
<b>Sylvania</b>	0675, 1268
<b>Toshiba</b>	0695

## TV/VCR Combos

<b>Controlled by the TV</b>	
<b>America Action</b>	0180
<b>Audiovox</b>	0180
<b>Emerson</b>	0236

<b>Controlled by the VCR</b>	
<b>America Action</b>	0278
<b>Audiovox</b>	0278
<b>Broksonic</b>	0002, 0479, 1479
<b>Citizen</b>	1278
<b>Colt</b>	0072
<b>Curtis Mathes</b>	1035
<b>Daewoo</b>	0637, 1278
<b>Emerson</b>	0002, 0294, 0479, 0593, 1278, 1479
<b>Funai</b>	0000
<b>GE</b>	0240, 0807, 1035, 1060

<b>GoldStar</b>	1237
<b>Harley Davidson</b>	0000
<b>Hitachi</b>	0000
<b>LG</b>	1037
<b>Lloyd's</b>	0000
<b>Magnasonic</b>	0593, 1278
<b>Magnavox</b>	0000, 0593, 1781
<b>Magnin</b>	0240
<b>Memorex</b>	0162, 0454, 1037, 1162, 1237, 1262
<b>MGA</b>	0240
<b>Mitsubishi</b>	0807
<b>Optimus</b>	0162, 0454, 0593, 1162, 1262

<b>Orion</b>	0002, 0479, 1479
<b>Panasonic</b>	0162, 1035, 1162, 1262
<b>Penney</b>	0240, 1035, 1237
<b>Quasar</b>	0162, 1035, 1162
<b>RadioShack</b>	0000, 1037
<b>RCA</b>	0240, 0807, 1035, 1060
<b>Samsung</b>	1014
<b>Sansui</b>	0000, 0479, 1479
<b>Sanyo</b>	0240
<b>Sears</b>	0000, 1237
<b>Sony</b>	0000, 1232
<b>Sylvania</b>	1781
<b>Symphonic</b>	0000, 0593
<b>Thomas</b>	0000
<b>Toshiba</b>	0845, 1145
<b>White Westing-house</b>	0637
<b>Zenith</b>	0000, 0479, 0637, 1479

## TV/VCR/DVD Combos

<b>Controlled by the TV</b>	
<b>Akai</b>	1903
<b>Broksonic</b>	1938
<b>Diamond Vision</b>	1996
<b>Emerson</b>	1944
<b>ESA</b>	1944
<b>Magnavox</b>	1944
<b>Panasonic</b>	1946, 1947
<b>Polaroid</b>	1992
<b>RCA</b>	1953
<b>Sylvania</b>	1944
<b>Symphonic</b>	1944
<b>Toshiba</b>	1945

<b>Controlled by the DVD</b>	
<b>Akai</b>	0899
<b>Broksonic</b>	0868

<b>HP</b>	1972
<b>Diamond Vision</b>	1609
<b>Emerson</b>	0821
<b>ESA</b>	0821
<b>Funai</b>	1334
<b>Magnavox</b>	0821
<b>Panasonic</b>	1362, 1462
<b>Polaroid</b>	1482
<b>RCA</b>	1132
<b>Sharp</b>	0630
<b>Superscan</b>	0821
<b>Sylvania</b>	0821
<b>Symphonic</b>	0821
<b>Toshiba</b>	1045

<b>Controlled by the VCR</b>	
<b>Sharp</b>	0807

### VCRs

<b>ABS</b>	1972
<b>Admiral</b>	1022, 0209
<b>Adventura</b>	0000
<b>Aiko</b>	0278
<b>Aiwa</b>	0037, 0000, 0124, 0307, 0468
<b>Akai</b>	0041, 0049, 0053, 0061, 0106, 0175
<b>Alienware</b>	1972
<b>America Action</b>	0278
<b>American High</b>	0035
<b>Asha</b>	0240
<b>Audiovox</b>	0037, 0278
<b>Beaumark</b>	0240
<b>Bell &amp; Howell</b>	0104
<b>Broksonic</b>	0184, 0121, 0209, 0002, 0211, 0295, 0361, 0479, 1479, 1815

<b>Calix</b>	0037
<b>Canon</b>	0035, 0102
<b>Capehart</b>	0020
<b>Carver</b>	0081
<b>CCE</b>	0072, 0278
<b>Citizen</b>	0037, 0278, 1278
<b>Colt</b>	0072
<b>Craig</b>	0037, 0047, 0240, 0072, 0271

<b>Curtis Mathes</b>	0060, 0035, 0162, 0041, 0760, 1035
<b>Cybernex</b>	0240, 0051
<b>CyberPower</b>	1972
<b>Daewoo</b>	0045, 0278, 0020, 0561, 0637, 1278

<b>Daytron</b>	0020
<b>Dell</b>	1972
<b>Denon</b>	0042
<b>DirecTV</b>	0739
<b>Durabrand</b>	0039, 0038
<b>Dynatech</b>	0000
<b>Electrohome</b>	0037
<b>Electrophonic</b>	0037
<b>Emerex</b>	0032

<b>Emerson</b>	0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278, 1479, 1278, 0637, 1593, 0593, 0561, 0510, 0479, 0361, 0295, 0294, 0212, 0211, 0208, 0088, 0068, 0061, 0036
<b>Fisher</b>	0047, 0104, 0054, 0066

<b>Fuji</b>	0035, 0033
<b>Funai</b>	0000, 0593, 1593
<b>Garrard</b>	0000
<b>Gateway</b>	1972
<b>GE</b>	0060, 0035, 0240, 0065, 0202, 0760, 0761, 0807, 1035, 1060

<b>Go Video</b>	0232, 0279, 0432, 0526, 0643
<b>GoldStar</b>	0037, 0038, 0018, 1237
<b>Gradiente</b>	0000, 0408
<b>Grundig</b>	0195

<b>Harley Davidson</b>	0000
<b>Harman/Kardon</b>	0081, 0038, 0075
<b>Harwood</b>	0072, 0068
<b>Headquarter</b>	0046
<b>Hewlett Packard</b>	1972
<b>HI-Q</b>	0047
<b>Hitachi</b>	0000, 0042, 0041, 0065, 0082, 0089, 0105, 0166

<b>Howard Computers</b>	1972
<b>HP</b>	1972
<b>Hughes Network Systems</b>	0042, 0739
<b>Humax</b>	0739

<b>Hush</b>	1972
<b>iBUYPOWER</b>	1972
<b>Jensen</b>	0041
<b>JVC</b>	0067, 0041, 0008, 0206, 0207, 0384, 1707
<b>KEC</b>	0037, 0278
<b>Keen</b>	0693
<b>Kenwood</b>	0067, 0041, 0038, 0384
<b>KLH</b>	0072
<b>Kodak</b>	0035, 0037
<b>LG</b>	1037
<b>Linksys</b>	1972
<b>Lloyd's</b>	0000, 0208
<b>Logik</b>	0072
<b>LXI</b>	0037
<b>Magnasonic</b>	0593, 1278
<b>Magnavox</b>	0035, 0039, 0081, 0000, 0149, 0110, 0563, 0593, 1593, 1781

<b>Magnin</b>	0240
<b>Marantz</b>	0035, 0081
<b>Marta</b>	0037
<b>Matsushita</b>	0035, 0162, 1162
<b>Media Center PC</b>	1972
<b>MEI</b>	0035
<b>Memorex</b>	0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0046, 0307, 0454, 0479, 1037, 1162, 1237, 1262

<b>MGA</b>	0240, 0043, 0061
<b>MGN Technology</b>	0240
<b>Microsoft</b>	1972
<b>Mind</b>	1972
<b>Minolta</b>	0042, 0105
<b>Mitsubishi</b>	0067, 0043, 0061, 0075, 0173, 0443, 0807

<b>Motorola</b>	0035, 0048
<b>MTC</b>	0240, 0000
<b>Multitech</b>	0000, 0072
<b>NAD</b>	0058
<b>NEC</b>	0104, 0067, 0041, 0038, 0040, 0050, 0082

<b>Nikko</b>	0037
<b>Nikon</b>	0034
<b>Niveus Media</b>	