

Programming the 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:

1. Turn the device on.
2. Press **TV**/**AUD**/**DVD**/**AUX**/**STB** depending on what mode you want to handle and then hold **SETUP** until the device key blinks twice.
3. 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.
4. Press **POWER**. 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.

1. Switch on your device. Then press appropriate mode key, for example **TV** if you want to set up a TV.
2. Press and hold **SETUP** until the mode key blinks twice.
3. Press **9 9 1**. The mode key blinks twice.
4. Aim the remote at the device and press **POWER**.
5. Press **CH**/**CH** repeatedly until the device is switched off.
6. Press **POWER** to turn the TV on.
7. Next, press **SETUP** to store the code for your device. The mode key blinks twice. Your remote control is now programmed to operate your TV set.
8. 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 codes, follow these instructions:

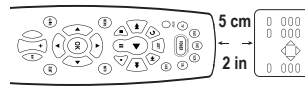
1. Switch on your device. Then press appropriate mode key, for example **TV** if you want to set up a TV.
2. Press and hold **SETUP** until the mode key blinks twice.
3. Press **9 9 0**. The mode key blinks twice.
4. For the first digit of your code, press **1** and count the number of times the key 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.

5. 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.

Use Learning

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

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



5. 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.
6. 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.

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

Deleting All Learned Keys

1. Press **SETUP** until the last selected mode key blinks twice. Then press **9 7 6**.
2. Press the mode key twice (for example **DVD**). All the learned keys for this mode will be cleared. The mode key blinks twice.
3. Press and hold **SETUP** 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.

1. Press **SETUP** until the last selected mode key blinks twice.

2. Press **9 9 5**. The last selected mode key will blink twice.
3. Press **POWER**.
4. Press the mode key for the device you would like to turn on first and press **POWER**. Then press the mode key for the second device to turn on and once again press **POWER**. Repeat the steps until adding all the devices you want to be operated.
5. To save settings press **STB**.
6. Next press **SETUP** 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.

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

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

1. Press **DVD** once.
2. Press and hold down the **SETUP** key until the mode key blinks twice.
3. Press **9 9 3**. The mode key blinks twice.
4. Then press the **VOL** 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

1. Press and hold **SETUP** until the last selected mode key blinks twice.
2. Press **9 9 3**.
3. Press the **VOL** key and 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:

1. Press **SETUP** until the last selected mode key blinks twice.
2. 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.

TV/VCR Combo does not respond properly.

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.

Try the Search Method again after clearing out the device key as follows:
a. Press and hold **SETUP** 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

Adcom	0577, 1100
Bose	0674
Durabrand	1561
Elan	0647
GE	0078
Harman/Kardon	0892
JVC	0331
Left Coast	0892
Lennox	1561
Luxman	0165
Marantz	0892, 0321
McIntosh	0251
Nakamichi	0321
NEC	0264
Optimus	0395, 0823
Parasound	0246
Philips	0892
Pioneer	0823
Polk Audio	0892
RCA	0823
Realistic	0395
Sansui	0321
Shure	0264
Sony	0689, 0815, 1126
Soundesign	0078, 0211
Victor	0031
Wards	0078, 0211
Yamaha	0354, 0133

Audio Receivers

ADC	0531
Aiwa	1405, 0189, 0121, 0405, 1243, 1388, 1641
Akai	1512
Alco	1390
Amphion Media Works	1563, 1615
AMW	1563, 1615
Anam	1609, 1074
Apex Digital	1257, 1430, 1774
Arcam	1120
Audiotronic	1189
Audiovox	1390, 1627
B & K	0701, 0820, 0840
BK	0702
Bose	1229, 1629, 1841, 1933
Cambridge Soundworks	1370
Captronics	0531
Carver	1189, 0189
Classic	1352
Coby	1389
Curtis Mathes	0080
Daewoo	1250
Delphi	1414
Denon	1360, 0004, 1142
Fisher	1801
Gateway	1517
Go Video	1532
Harman/Kardon	0110, 0189, 0891, 1304
Hitachi	1801

Integra	0135, 1298, 1320
JBL	0110, 1306
JVC	1374, 1495, 1811, 1871
Kenwood	1313, 1570, 1569, 0186
KLH	1390, 1412, 1428
Koss	1366, 1497
Lasonic	1798
LG	1293
Linn	0189
Liquid Video	1497
Magnavox	1189, 1269, 0189, 0391, 0531, 1514
Marantz	1189, 1269, 0189, 1289
Mitsubishi	1393
Norcent	1389
Nova	1389
Onkyo	0135, 0842, 1298, 1320, 1531
Optimus	1023, 0080, 0186, 0531, 0670, 1074
Oritron	1366, 1497
Panasonic	1308, 1518, 0309, 0367, 1288, 1316, 1548, 1633, 1763, 1764
Philips	1189, 1269, 0189, 0391, 1120, 1266
Pioneer	1023, 0014, 0080, 0150, 0244, 0531, 0630, 1384
Polaroid	1508
Polk Audio	0189, 1289, 1414
Proscan	1254
RCA	1023, 1609, 1254, 0080, 0531, 1074, 1390, 1511
Rio	1869
Samsung	1295, 1500
Sansui	0189
Sanyo	1251, 1469, 1801
Sharp	0186, 1286
Sharper Image	1556
Sherwood	1077, 1517, 1653
Sirius	1627, 1811, 1987
Sonic Blue	1532, 1869
Sony	1058, 1441, 1258, 1759, 1622, 0474, 1349, 1406, 1442, 1558, 1658, 1758, 1858
Soundesign	0670
Stereo-phonics	1023
Sunfire	1313
Teac	1074, 1390, 1528
Technics	1308, 1518, 0309
Thorens	1189
Toshiba	1788
Venturer	1390

Wards	0189,0014,0080
XM	1406,1414
Yamaha	0176,0186,1176,1276,1331,1375
Zenith	0857,1293

Audio Accessories

Accurian	1106
Altec Lansing	0607,1056,1485
Apple	1115,1644
Cambridge Soundworks	1530
Creative	0872
D-Link	1522
DLO	1155
Integra	1789
iPort	1917
Marantz	1491
Motorola	1464
NaviPod	1644
Netgear	1785
Omnifi	1605
Onkyo	1789
Roku	1828
Sonance	1917
SSI	1522
Yamaha	1809,1810

Cable Boxes/Converters

ABC	0003,0008,0014,0017
Americast	0899
Amino	1602,1822
Bell & Howell	0014
Bell South	0899
Clearmaster	0883
ClearMax	0883
Coolmax	1187
Diego	1187
Digi	0637
Director	0476
Dumont	0637
General Instrument	0476,0810,0276,0003
Goldstar	0144
Hamlin	0009,0273
i3 Micro	1602
Jerrold	0476,0810,0276,0003,0012,0014,0000
Memorex	1376,0476,0810,0276,1106,1540
Motorola	1187,1254,1106,1540
Multitech	0883
Myrio	1602,1822
Pace	1376,1877,0237,0008
Panasonic	1376,1877,0000,0107
Panther	0637
Paragon	0000
Philips	1305,0317
Pioneer	1877,0877,0144,0533
Pulsar	0000
Quasar	0000
RadioShack	0883
RCA	1256
Regal	0279,0273
Runco	0000
Samsung	1376,1877,0144
Sasktel	1737
Scientific Atlanta	1877,0877,0477,0008,0017
Sejin	1602
Sony	1006
Starcom	0003

Supercable	0276
Supermax	0883
Thomson	1256
Tocom	0012
Torx	0003
Toshiba	0000
Tristar	0883
V2	0883
Viewmaster	0883
Vision	0883
Vortex View	0883
Zenith	0000,0525,0899

Cable/DVR/PVR Combos

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

DVD Players

Accurian	1072,1416
Adcom	1094
Advent	1016
Aiwa	0641
Akai	0695,0770,0899,1089
Alco	0790
Allegro	0869
Amphion	0872,1245
Media Works	
AMW	0872,1245
Apex Digital	0672,0717,0755,0794,0796,0797,0830,1004,1020,1056,1061,1100
Arrgo	1023
Aspire Digital	1168,1407
Audiologic	0736
Audiovox	0790,1041,1071,1072,1121,1122
Axion	1071,1072
B & K	0655,0662
BBK	1224
Bel Canto Design	1571
Blaupunkt	0717
Blue Parade	0571
Broksonic	0695,0868,1419
Buffalo	1882
Cary Audio Design	1477
CAVS	1057
Centrios	1577
Cinea	0831
Cinego	1399
CineVision	0876,0833,0869
Citizen	1277
Coby	0778,0852,1086,1107,1165,1177,1351
Denon	0490,0634
Desay	1407,1455
Diamond Vision	1316,1609,1610
Disney	0675,1270
Dual	1068,1085
Durabrand	1127
DVD2000	0521
Emerson	0591,0675,0821,1268
Enterprise	0591
ESA	0821,1268,1443
Fisher	0670,1919
Funai	0675,1268,1334
Gateway	1073,1077,1158
GE	0522,0815,0717
Go Video	0744,0715,0741,0783,0833,0869,1044,1075,1099,1144,1158,1304,1443,1730
Go Vision	1071,1072
GoldStar	0741
GPX	0699,0769
Greenhill	0717
Harman Kardon	0582,0702
Hitachi	0573,0664,1247,1919
iLo	1348,1472
Initial	0717,142
Innovative Technology	1542
Insignia	1268
Integra	0627
Jaton	1078
JBL	0702
Jensen	1016
JSI	1423
JVC	0558,0623,0867,1164,1863
jWin	1049,1051
Kawasaki	0790
Kenwood	0490,0534,0682,0737
KLH	0717,0790,1020,1149,1261
Konka	0711,0719,0720,0721
Koss	0651,0896,1423
Kreisen	1421
Landel	0826
Lasonic	0798,1173
Lenoxx	1127
LG	0591,0741,0801,0869,1526
LiteOn	1058,1158,1416,1440
Loewe	0511
Magnavox	0503,0539,0646,0675,0821,1268,1506

Craig	0831
Curtis Mathes	1087
CyberHome	0816,0874,1023,1024,1117,1129,1502,1537
D-Link	1881
Daewoo	0784,0705,0833,0869,1169,1172,1234,1242,1441,1443
Denon	0490,0634
Desay	1407,1455
Diamond Vision	1316,1609,1610
Disney	0675,1270
Dual	1068,1085
Durabrand	1127
DVD2000	0521
Emerson	0591,0675,0821,1268
Enterprise	0591
ESA	0821,1268,1443
Fisher	0670,1919
Funai	0675,1268,1334
Gateway	1073,1077,1158
GE	0522,0815,0717
Go Video	0744,0715,0741,0783,0833,0869,1044,1075,1099,1144,1158,1304,1443,1730
Go Vision	1071,1072
GoldStar	0741
GPX	0699,0769
Greenhill	0717
Harman Kardon	0582,0702
Hitachi	0573,0664,1247,1919
iLo	1348,1472
Initial	0717,142
Innovative Technology	1542
Insignia	1268
Integra	0627
Jaton	1078
JBL	0702
Jensen	1016
JSI	1423
JVC	0558,0623,0867,1164,1863
jWin	1049,1051
Kawasaki	0790
Kenwood	0490,0534,0682,0737
KLH	0717,0790,1020,1149,1261
Konka	0711,0719,0720,0721
Koss	0651,0896,1423
Kreisen	1421
Landel	0826
Lasonic	0798,1173
Lenoxx	1127
LG	0591,0741,0801,0869,1526
LiteOn	1058,1158,1416,1440
Loewe	0511
Magnavox	0503,0539,0646,0675,0821,1268,1506

Malata	0782,1159
Marantz	0539
McIntosh	1273
Memorex	0695,0831,1270
Microsoft	0522,1708
Mintek	0839,0717,1472
Mitsubishi	1521,0521
Momitsu	1082
NAD	0741
Nakamichi	1222
NEC	0785
Nesa	0717,1603
NeuNeo	1454
Next Base	0826
NexxTech	1402
Norcent	1003,0872,1107,1265,1457
Onkyo	0503,0627,0792
Oppo	0896
OptoMedia Electronics	0896
Oritron	0651
Panasonic	0490,0632,0703,1362,1462,1490,1762
Philips	0503,0539,0646,0675,0854,1260,1267,1354
Pioneer	0525,0571,0631,0632
Polaroid	1020,1061,1086,1245,1316,1478,1480,1482
Polk Audio	0539
Portland	0770
Presidian	0675,1072
Prima	1016
Primare	1467
Princeton	0674
Proscan	0522
ProVision	0778
Qwestar	0651
RCA	0522,0571,0717,0790,0822,1022,1132,1193
Rio	0869
RJTech	1360
Rotel	0623,1178
Rowa	0823
Sampo	0698,0752,1501
Samsung	0490,0573,0820,0899,1044,1075
Sansui	0695
Sanyo	0670,0695,0873,1919
Sensory Science	1158
Sharp	0630,0675,0752,1256
Sharper Image	1117
Sherwood	0633,0770,1043,1077,1889
Shinsonic	0533,0839
Sigma Designs	0674
Sonic Blue	0869,1099
Sony	0533,1533,0864,1033,1431,1432,1433,1548,1892
Sound Mobile	1298
Sova	1122
Sungale	1074,1532
Superscan	0821

SVA	0860,1105
Sylvania	0675,0821,1268
Symphonic	0675,0821
TAG McLaren	0894
Teac	0790,0809
Technics	0490,0703
Technosonic	0730
Techwood	0692
Terapin	1031
Theta Digital	0571
Toshiba	0503,0695,1045,1154,1854
Tredex	0799,0800,0803,0804
Urban Concepts	0503
US Logic	0839
Valor	1298
Venturer	0790
Vialta	1509
Vizio	1064,1226
Vocopro	1027,1360
Xbox	0522,1708
Xwave	1001
Yamaha	0490,0539,0545
Zenith	0503,0591,0741,0869
Zoece	1265

DVD Recorders

Accurian	1416
Apex Digital	1056
Aspire Digital	1168
Coby	1086
CyberHome	1129,1502
Funai	0675,1334
Gateway	1073,1158
Go Video	0741,1158,1304,1730
greenil	1348
JVC	1164,1275
Kreisen	1421
LG	0741
LiteOn	1158,1416,1440
Magnavox	0646,0675,1506
Panasonic	0490
Philips	0646
Pioneer	0631
Polaroid	1086
RCA	0522
Samsung	0490
Sensory Science	1158
Sharp	0675
Sony	1033,1431,1432,1433
Sylvania	0675
Zenith	0741

DVD Combos

Akai	0695
Audiovox	1071,1121,1122
iLo	1472
Initial	1472
LG	1526
Mintek	1472
RCA	1193

Satellite Receivers

AlphaStar	0772
Amino	1615
Chaparral	0216
Coolsat	1806
Crossdigital	1109

DirecTV	1377,0392,0566,0639,1639,1142,0247,0749,1749,0724,0819,1856,1076,1108,0099,1109,1392,1414,1442,1443,1444,1609,1640
Dish Network	1505,1005,0775,1170,1775
Dishpro	1505,1005,0775,1775
Echostar	1505,1005,0775,1170,1775
Expressvu	0775,1775
GE	0566
General Instrument	0869
GOI	0775,1775
Goodmans	1246
Hisense	1535
Hitachi	0819,1250
HTS	0775,1775
Hughes Network	1142,0749,1749,1442,1443,1444
Humax	1790
iLo	1535
JVC	0775,1170,1775
LG	1226,1414
Magnavox	1724,0722
Memorex	0724
Mitsubishi	0749
Motorola	0869
NEC	1270
Next Level	0869
Panasonic	0247,0701
Pansat	1807
Paysat	0724
Philips	1142,0749,1749,0724,1076,0722,0099,1442
Proscan	0392,0566
Proton	1535
RadioShack	0869
RCA	0566,0855,0143,1392
Samsung	1377,1276,1108,1109,1442,1609
Sanyo	1219
SKY	0856
Sony	0639,1639,1640
Star Choice	0869
Tivo	1142,1442,1443,1444
Toshiba	0749,1749,0790,1285
Ultimate TV	1392,1640
Ultrasat	1806
Uniden	0724,0722
US Digital	1535
USDTV	1535
Voom	0869
Zenith	1856,0856

Dish Network	1505,1005,0775,1170,1775
Dishpro	1505,1005,0775,1775
Echostar	1505,1005,0775,1170,1775
Expressvu	0775,1775
GE	0566
General Instrument	0869
GOI	0775,1775
Goodmans	1246
Hisense	1535
Hitachi	0819,1250
HTS	0775,1775
Hughes Network	1142,0749,1749,1442,1443,1444
Humax	1790
iLo	1535
JVC	0775,1170,1775
LG	1226,1414
Magnavox	1724,0722
Memorex	0724
Mitsubishi	0749
Motorola	0869
NEC	1270
Next Level	0869
Panasonic	0247,0701
Pansat	1807
Paysat	0724
Philips	1142,0749,1749,0724,1076,0722,0099,1442
Proscan	0392,0566
Proton	1535
RadioShack	0869
RCA	0566,0855,0143,1392
Samsung	1377,1276,1108,1109,1442,1609
Sanyo	1219
SKY	0856
Sony	0639,1639,1640
Star Choice	0869
Tivo	1142,1442,1443,1444
Toshiba	0749,1749,0790,1285
Ultimate TV	1392,1640
Ultrasat	1806
Uniden	0724,0722
US Digital	1535
USDTV	1535
Voom	0869
Zenith	1856,0856

Dish Network	1505,0775
Dishpro	1505,0775
Echostar	1505,0775,1170
Expressvu	0775
Hughes Network	1142,1442,1443,1444,0739
JVC	1170
Motorola	0869
Philips	1142,1442,0739
Proscan</	

RCA	1447, 0047, 2002, 1958, 1953, 1948, 1547, 1347, 1247, 1147, 1047, 0747, 0679, 0278, 0174, 0135, 0090, 0038, 0029, 0019, 0018	Starlite 0180 Studio Experience 0843 Superscan 0093, 0864 Supre-Macy 0046 Supreme 0000 SVA 0748, 0587, 0768, 0865, 0870, 0874, 0872 Sylvania 0054, 0030, 0171, 0020, 0028, 0065, 0096, 0381, 1271, 1944, 1963 Symphonic 0180, 0171, 1944 Syntax 1144, 1240, 1331 Tandy 0093 Tatung 0003, 0049, 0055, 0396, 1101, 1285, 0100, 0110, 0762, 1755	Wards 0054, 0178, 0030, 1156, 0866, 0202, 0179, 0174, 0165, 0111, 0096, 0080, 0056, 0029, 0028, 0027, 0021, 0020, 0019, 0016 Waycon 0156 White Westinghouse 0463, 0623 Wyse 1365 Yamaha 0030, 0019, 0769, 0797, 0833, 0839, 0017, 0463, 1265, 0178, 0092, 0016 Zenith 0003 Zonda	Norwood Micro 1286, 1296 Olevia 1144, 1240, 1331, 1610 Panasonic 0179, 0174, 1523 Petters 1454, 1483 Polaroid 1262, 1276, 1316, 1341, 1498, 1523 Protron 1320, 1323 Proview 1401 RCA 0047, 1958 Sampo 0762 Samsung 0812, 0766, 0814, 1395, 1575 Sansui 1409 Sanyo 1142 Sceptre 0878, 1217, 1360, 1599 Sharp 0093, 0818, 1602 Sherwood 1399 Signet 1262 Sony 0810 Sova 1320 Soyo 1520 Superscan 0864 SVA 0587, 0870, 0871 Sylvania 0171, 1271 Symphonic 0171 Syntax 1144, 1240, 1331 Tatung 1286 Techview 0847 Toshiba 0845, 1343, 1635, 1656 Ultra 1323 US Logic 1286 Vidikron 1398 Viewsonic 0857, 0864, 0885, 1330, 1578, 1627 Visart 1336 Vizio 0864, 0885, 1756 Westinghouse 0885, 0889, 0890, 1282, 1952 Wyse 1365 Zenith 1265	Sansui 1935 Sova 1952 Sylvania 1963 Toshiba 1635, 1935 Controlled by the DVD Advent 1016 Akai 0695 Apex Digital 0830 Audiovox 1071, 1121, 1122 Axion 1071 Broksonic 0695 Cinego 1399 Diamond Vision 1610 Emerson 0675, 1268 ESA 1268 Funai 1268 Go Vision 1071 Hitachi 1247 iLo 1472 Initial 1472 Insignia 1268 Jensen 1016 KLH 1261 Konka 0719, 0720 LG 1526 Magnavox 1268 Mintek 1472 Panasonic 1490 Philips 0854, 1260 Polaroid 1480 Prima 1016 RCA 1022, 1193 Samsung 0899 Sansui 0695 Sova 1122 Sylvania 0675, 1268 Toshiba 0695 TV/VCR Combos Controlled by the TV Akai 0899 Broksonic 0868 Diamond Vision 1609 Emerson 0821 ESA 0821 Funai 1334 Magnavox 0821 Panasonic 1362, 1462 Polaroid 1482 RCA 1132 Sharp 0630 Superscan 0821 Sylvania 0821 Symphonic 0821 Toshiba 1045 Controlled by the VCR American Action 0278 Audiovox 0278 Broksonic 0002, 0479, 1479 Citizen 1278 Colt 0072 Curtis Mathes 1035 Daewoo 0637, 1278 Emerson 0002, 0294, 0479, 0593, 1278, 1479 Funai 0000 GE 0240, 0807, 1035, 1060 GoldStar 1237 Harley Davidson 0000 Hitachi 0000 LG 1037 Lloyd's 0000 Magnasonic 0000, 0593, 1781 Magnavox 0000, 0593, 1781 Memorex 0162, 0454, 1037, 1162, 1237, 1262 MGA 0240 Mitsubishi 0807 Optimus 0593, 1162, 1262 Orion 0002, 0479, 1262 Panasonic 0162, 1035, 1162, 1262	Penney 0240, 1035, 1237 Quasar 0162, 1035, 1162 RadioShack 0000, 1037 RCA 0240, 0807, 1035, 1060 Samsung 1014 Sansui 0000, 0479, 1479 Sanyo 0240 Sears 0000, 1237 Sony 0000, 1232 Sylvania 1781 Symphonic 0000, 0593 Thomas 0000 Toshiba 0845, 1145 White Westinghouse 0637 Zenith 0000, 0479, 0637, 1479 TV/VCR/DVD Combos Controlled by the TV Akai 1903 Broksonic 1938 Diamond Vision 1996 Emerson 1944 ESA 1944 Magnavox 1944 Panasonic 1946, 1947 Polaroid 1992 RCA 1953 Sylvania 1944 Symphonic 1944 Toshiba 1945 Controlled by the DVD Akai 0899 Broksonic 0868 Diamond Vision 1609 Emerson 0821 ESA 0821 Funai 1334 Magnavox 0821 Panasonic 1362, 1462 Polaroid 1482 RCA 1132 Sharp 0630 Superscan 0821 Sylvania 0821 Symphonic 0821 Toshiba 1045 Controlled by the VCR Sharp 0807 VCR's ABS 1972 Admiral 0048, 0209 Adventura 0000 Aiko 0278 Aiwa 0037, 0000, 0124, 0307, 0468 Akai 0041, 0049, 0053, 0061, 0106, 0175 Alienware 1972 American Action 0278 American High 0035 Asha 0240 Audiovox 0037, 0278 Beaumarck 0240 Bell & Howell 0104 Broksonic 0184, 0121, 0209, 0002, 0211, 0295, 0361, 0479, 1479, 1815 Calix 0037 Canon 0035, 0102 Capehart 0020 Carver 0081	CCE 0072, 0278 Citizen 0037, 0278, 1278 Colt 0072 Craig 0037, 0047, 0240, 0072, 0271 Curtis Mathes 0060, 0035, 0162, 0041, 0760, 1035 Cybernex 0240, 0051 CyberPower 1972 Daewoo 0045, 0278, 0020, 0561, 0637, 1278 Daytron 0020 Dell 1972 Denon 0042 DirectTV 0739 Durabrand 0039, 0038 Dynatech 0000 Electrohome 0037 Electroponic 0037 Emerex 0032 Emerson 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 Fisher 0047, 0104, 0054, 0066 Fuji 0035, 0033 Funai 0000, 0593, 1593 Garrard 0000 Gateway 1972 GE 0060, 0035, 0240, 0065, 0082 Go Video 0202, 0760, 0761, 0807, 1035, 1060 GoldStar 0432, 0526, 0643 Gradiente 0037, 0038, 0018, 1237 Harley Davidson 0000, 0408 Harman/Kardon 0081, 0038, 0075 Harwood 0072, 0068 Headquarter 0046 Hewlett-Packard 1972 HI-Q 0047 Hitachi 0000, 0042, 0041, 0065, 0082, 0089, 0105, 0166 Howard Computers 1972 HP 1972 Hughes Network 0042, 0739 Humax 0739 Hush 1972 iBUYPOWER 1972 Jensen 0041 JVC 0067, 0041, 0008, 0206, 0207, 0384, 1707 KEC 0037, 0278 Keen 0693 Kenwood 0067, 0041, 0038, 0384 KLH 0072 Kodak 0035, 0037	LG 1037 Linksys 1972 Lloyd's 0000, 0208 Logik 0072 LXI 0037 Magnasonic 0593, 1278 Magnavox 0035, 0039, 0081, 0000, 0149, 0110, 0563, 0593, 1593, 1781 Magnin 0240 Marantz 0035, 0081 Marta 0037 Matsushita 0035, 0162, 1162 Media Center PC 1972 MEI 0035 Memorex 0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0046, 0307, 0454, 0479, 1037, 1162, 1237, 1262 MGA 0240, 0043, 0061 MGN Technology 0240 Microsoft 1972 Mind 1972 Minolta 0042, 0105 Mitsubishi 0067, 0043, 0061, 0075, 0807 Motorola 0035, 0048 MTC 0240, 0000 Multitech 0000, 0072 NAD 0058 NEC 0104, 0067, 0041, 0038, 0040, 0050, 0082 Nikko 0037 Nikon 0034 Niveus Media 1972 Northgate 0240 Olympus 0035, 0226 Onkyo 0222 Optimus 1062, 0162, 0037, 0048, 0104, 0058, 0432, 0454, 0593, 1048, 1162, 1262 Optonica 0062 Orion 0184, 0209, 0002, 0295, 0479, 1479 Panasonic 1062, 0035, 0162, 0077, 0102, 0225, 0226, 0227, 0378, 0454, 0616, 1035, 1162, 1262 Penney 0035, 0037, 0240, 0042, 0038, 0040, 0054, 1035, 1237 Pentax 0042, 0065, 0105 Philco 0035 Philips 0035, 0081, 0062, 0110, 0618, 0739, 1081, 1181 Pilot 0037 Pioneer 0067, 0058 Polk Audio 0081	Portland 0020 Presidian 1593 Profifronic 0240 Proscan 0060, 0202, 0760, 0761, 1060 Protec 0072 Pulsar 0039, 0051 Quarter 0046 Quartz 0046 Quasar 0035, 0162, 0077, 0454, 1035, 1162 RadioShack 0000, 1037 Radix 0037 Randex 0037 RCA 0060, 0240, 0042, 0149, 0058, 0065, 0077, 0105, 0106, 0202, 0760, 0761, 0807, 0880, 1035, 1060 Realistic 0035, 0037, 0048, 0047, 0000, 0104, 0046, 0062, 0066 ReplayTV 0614, 0616 Ricavision 1972 Rioch 0034 Runco 0039 Salora 0075 Samsung 0240, 0045, 0051, 0053, 0739, 1014 Samtron 0643 Sanky 0048, 0039 Sansui 0000, 0067, 0209, 0041, 0082, 0271, 0479, 1479 Sanyo 0047, 0240, 0104, 0046, 0159 Scott 0184, 0045, 0121, 0043, 0210, 0211, 0212 Sears 0035, 0037, 0047, 0000, 0042, 0104, 0046, 1237 Sharp 0048, 0062, 0807, 0848 Shintom 0072 Shogun 0240, 0051 Singer 0072 Sonic Blue 0614, 0616 Sony 0035, 0032, 0033, 0000, 0011, 0034, 0636, 1032, 1232, 1972 Stack 9 1972 STS 0042 Sylvania 0035, 0081, 0000, 0043, 0110, 0593, 1593, 1781 Symphonic 0000, 0593, 1593 Systemax 1972 Tagar Systems 0041 Teac 0000, 0041 Technics 0035, 0162 Teknika 0035, 0037, 0000, 0052 Thomas 0000	Tivo 0618, 0636, 0739, 1996 TMK 0240, 0036, 0208 Toshiba 0045, 0043, 0066, 0210, 0212, 0366, 0845, 1008, 1145, 1972, 1996 Totevision 0037, 0240 Touch 1972 Unitech 0240 Vector 0045 Vector Research 0038, 0040 Video Concepts 0045, 0040, 0061 Videomagic 0037 Videosonic 0240 Viewsonic 1972 Villain 0000 Voodoo 1972 Wards 0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072, 0149, 0062, 0212, 0760 White Westinghouse 0209, 0072, 0637 XR-1000 0035, 0000, 0072 Yamaha 0038 Zenith 0039, 0033, 0000, 0209, 0034, 0479, 0637, 1139, 1479 ZT Group 1972
-----	--	---	--	--	---	--	---	---	--	---