

# X-LINK™

UNIVERSAL REMOTE CONTROL



**USER'S GUIDE**



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# Agency Certifications

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## **USA - FCC CFR 47 Part 15, Subpart B**

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Consult the dealer or an experienced radio/TV technician for help.

Operation with non-approved equipment is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

## **Canada, ICES-003**

This Class B digital apparatus complies with Canadian ICES-003. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

# Legal Information

X-Link, SMK-Link and the SMK-Link Logo are trademarks of SMK-Link Electronics corporation. Microsoft, Xbox, and Xbox360 are trademarks or registered trademarks of Microsoft Inc.. All other trademarks are trademarks or registered trademarks of their respective holders.

# Getting Started - Overview

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Before you begin, please insert two AA batteries as labeled on the remote control.

## Control 6 different Devices

X-Link™ Universal Remote Control controls up to six different devices. One of the device buttons is automatically set for the Xbox 360™. All of the buttons can be programmed to control a TV, VCR, DVD, Cable Box, DVR, Satellite Box, Xbox or Surround Sound system.

## Setting up the perfect system

Many universal remote controls don't offer all of the features of the stand alone remote controls that come with your equipment. People often keep 3 or 4 remote controls on their coffee table because of some obscure functions that they just couldn't live without. X-Link™ avoids the problem of redundant remotes by having 50 programmable buttons that can be set by entering a 4-digit device code, by "learning" from the original remote control or both.

## **Setting up the Remote for Xbox 360™**

Your remote comes set from the factory to control the Xbox 360™. By default, the XBX button controls the Xbox 360™. If you do not have the Xbox 360™ you can program the remote to control something else when you select the XBX button.

## **Setting up the Remote for other devices**

It is recommended that you set up your TV first. X-Link™ can control six components. X-Link™ has buttons labeled for TV, DVR, DVD/VCR, XBX, Cable/Satellite, and Audio. While the buttons are labeled for these functions, that is for clarity only. For example, you could program a VCR into any device button.



## Four-Digit Code Set-Up Method

**Step 1:** Turn on the device you wish to program into your X-Link™ remote using the remote that came with that device.

**Step 2:** Find the four-digit code numbers assigned to your brand of device from the list in the back of this manual. The codes are listed by device type and then by brand name. If you do not see the brand of your device, please look online at [www.x-link-remote.com](http://www.x-link-remote.com) for the complete list of four-digit codes.

**Step 3:** Enter setup mode by holding the device button down for approximately 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Note:** You have 10 seconds to perform each of these steps. If you do not finish within 10 seconds, the device button light will turn off and setup mode will be exited. You will then need to start over.

**Step 4:** Enter the four-digit code. If it is a valid code, after the 4th digit is entered, any prior device will be removed and it will be set with new code. This removes any “learned” keys

as well. If the code is not valid, the device button will flash 4 times. Either way, the device button will turn off and you will exit setup mode.

**Step 5:** Point X-Link™ towards your device and press the power button. If you have the correct code, the device should turn off. If the device didn't turn off, please look up the next code and return to step 3 until you have tried all four-digit codes for your brand of device.

**Step 6:** Sometimes more than one code will control your device. Test the other buttons on the remote control. If functions aren't working correctly, try the other device codes until you have selected the best code for your device.

**Notes:** Even if all buttons aren't doing exactly what you want, X-Link™ can “learn” buttons from other remotes and can be customized as desired.

**Step 7:** Repeat steps 1-6 for your other devices.

## Learning and Teaching Set-Up Method

You can either start from a blank device and “learn” all the keys or you can start with a four-digit device code and customize it to meet your needs.

**Step 1:** Line up X-Link™ with the remote you want to “learn” from, head to head about one to two inches apart on a solid surface. See diagram.

**Step 2:** Enter setup mode by holding the device button down for approximately 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 3:** Press Rec  button to enter “learning” mode.

**Note:** You have 20 seconds to perform each of these steps. If you do not finish within 20 seconds, the device button light will turn off and setup mode will be exited. Learned keys will be retained but to learn additional keys you will need to re-enter “learning” mode.

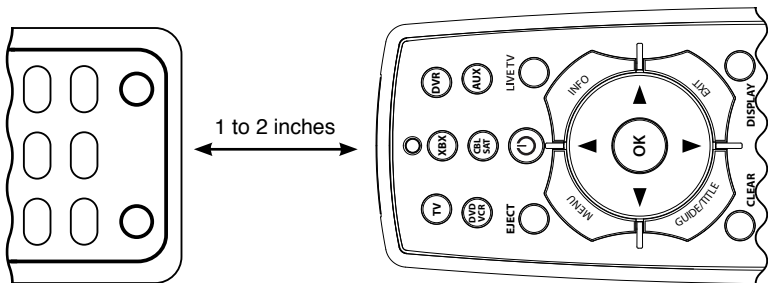
**Step 4:** Press the key on X-Link™ that you wish to teach. The device button will blink once to indicate it is ready to learn.

**Step 5:** Press and hold the key on the other remote control you wish X-Link™ to learn. After about one second the device button will blink once to indicate successful learning or 4 times to indicate that it did not learn the key.

**Step 6:** Repeat from step 4 until you have learned all of the keys you wish to teach. You can exit from learning either by waiting 20 seconds or by pressing another device key to exit.

**Troubleshooting:** To achieve the best results during “learning” mode:


- Gradually vary the distance between the two remote controls.



- If you are having trouble, move away from any Plasma TV, avoid fluorescent lighting and direct sunlight.
- Some original remotes require you to tap the button to learn rather than holding it during learning.
- Learning only works on individual keys. Macros cannot be learned.
- Remember, when programming keys such as arrow keys, the orientation between the remotes is reversed.

## Forgetting Learned Keys

**Step 1:** Enter setup mode by holding the device button down for 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 2:** Enter “forget” mode by pressing the Stop  button. The device button will blink once to indicate it is ready to forget the keys it learned.

**Step 3:** Press the key you wish to forget. If this key has learned anything, the device button will blink once and revert to its original settings, otherwise, it will blink four times in error.

**Step 4:** Press keys you wish to forget until you are done. When you are done, you can either wait 10 seconds to time out or press another device button to exit.

**Note:** If you had previously entered a four-digit device code, the forgotten keys will return to their original settings.

## **Forgetting a Device**

**Step 1:** Enter setup mode by holding the device button down for 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 2:** Enter the code 9999 to erase the prior four-digit code and any learned keys for the device.

**Note:** Pressing any key besides “9” during this mode will exit.

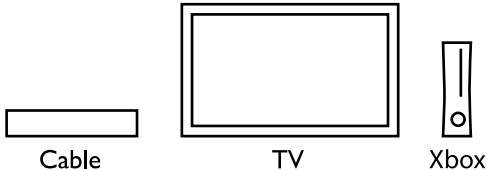
## Forgetting all Devices

**Step 1:** Enter factory-reset mode by holding down two device buttons for 3 seconds. After 3 seconds all of the device buttons turn on to confirm you are in factory-reset mode.

**Step 2:** Enter the code 9999 to erase the prior four-digit code and any learned keys for all devices.

**Note:** Pressing any key besides “9” during this mode will exit.

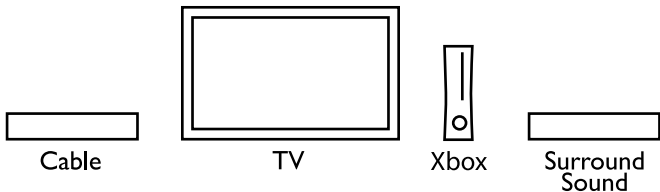
## Controlling Volume (Punch Through)



In a fairly typical setup with a TV, Xbox 360™ and Cable box, there is only one device that controls the sound. It would be difficult to switch devices between Cable and TV every time you want to change the volume. By default, X-Link™ is set so that

regardless of what device you are using, when you change the volume, it is sent to the TV. This is called “punch through.”

When you press any key on X-Link, the device button will light to show what device is receiving that command. For example, when you are watching a DVD and hit Pause, the DVD button will light. When you hit Mute, the TV button will light.



Volume Punch Through is completely customizable. For example, if you have a surround sound system, you may want volume commands to be sent there instead of the TV. To do this, you would set the surround sound system as the sound master.



## Setting Sound Master

The sound master can be set for any device that supports volume up and volume down. To change from the default TV as master to another device:

**Step 1:** Enter setup mode by holding the device button you wish to make master down for 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 2:** Press the Mute key and this device will now be the sound master. Future volume up, down, and mute operations for devices with punch through on will now control this device.

## Advanced Configuration

If you wish to independently control the volume without using punch through, punch through can be turned off (and back on) for any device. For example, if you have a surround sound system, you may wish to turn off punch through for the TV so you can still control it's volume when the TV device button is selected.

### Turning off Punch Through for a Device

By default, all devices start with punch through turned on.

**Step 1:** To turn off punch through for a device, enter setup mode by holding the device button down for 3 seconds. After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 2:** Press the volume down (Vol -) key and that device will no longer punch through volume controls to the sound master

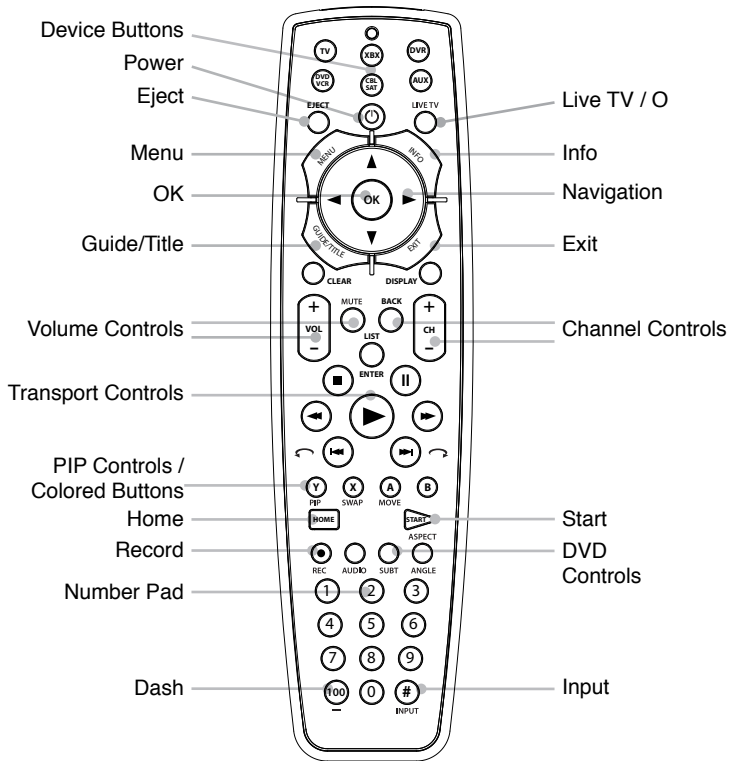
## Turning on Punch Through for a Device

If you accidentally turned punch through off for a device, it is simple to re-enable it.

**Step 1:** To turn punch through back on for a device, enter setup mode by holding the device button down for 3 seconds.

After 3 seconds all of the device buttons will blink to confirm that you are in setup mode.

**Step 2:** Press the volume up (Vol +) key and that device will now punch through to the sound master.




# Remote Control Layout


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## Functions by Device Type


Different keys have different meanings depending upon the type of device you are controlling. The best way to become familiar with your remote control is to experiment, but here are some hints to guide you.

## Television / Set Top Boxes

**Turn On/Off:** To turn the TV on or off, press the TV device button and press the Power  button.

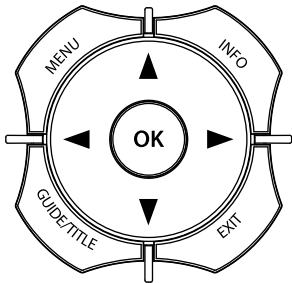
**Input:** If you have multiple devices, press the Input  button to switch between what input is showing on your TV.

**Aspect Ratio:** To switch between different resolutions or to a different aspect ratio, press the Aspect  button.

**Sub-Channels:** Some TV's support alternative HiDef channels for over the air broadcasts. To reach these channels, enter the main channel number, press the Dash  button and enter the sub-channel. For example to select the 2nd sub-channel of channel 11 you would enter 11-2.

**Subtitles:** Pressing the Subt <sup>SUBT</sup> button turns on closed captioning or subtitles for some models of TVs.

**PIP Controls:** The bottom row of colored buttons offer control over Picture-in-Picture modes.



## Cable / Satellite / DVR

**List:** On some devices with DVR capabilities, pressing the List <sup>LIST</sup> button will bring up a list of recorded programs.


**DVR Menu:** Pressing the Home **HOME** button will bring up the DVR menu.


**Live TV:** Pressing the Live TV <sup>LIVE TV</sup> button exits to Live TV.



**Menu:** Pressing the Menu button brings up the main menu for your device.


**Guide:** Pressing the Guide / Title button brings up the listing of available and upcoming showings.

**Info:** Pressing info brings up the details for the currently playing show.

**Aspect Ratio:** To switch between different resolutions or to a different aspect ratio, press the Aspect  button.

**Previous Channel:** Pressing the Back  button will jump back to the previous channel.

**Skip:** Pressing the Skip Backwards  or Skip Forwards  button will rewind 10 seconds or fast forward 30 seconds on supported devices with DVR functionality.

**Record:** Press the Rec  button to start recording the existing show.



**Colored Buttons:** The colored buttons perform similar functions on X-Link™ as on your original remote control.



## DVD


**Menu:** Pressing the Menu button brings up the top menu of the DVD or Blu-Ray disc.

**Guide / Title:** Pressing the Guide / Title button brings up the Title Menu (for DVDs with Title Menus).


**Info:** Pressing Info gives you play statistics

**Rewind and Fast Forward:** Press the Rewind  or Fast Forward  to scan through the movie.

**Previous Chapter and Next Chapter:** Press the Previous Chapter  or Next Chapter  button to change chapter.

**Audio:** Press the Audio  button to change audio tracks in a movie.

**Subtitles:** Pressing the Subt  button will bring up the next language subtitle for supported discs.

**Angle:** For the few movies with multiple points of view, pressing the Angle  button will change the viewing angle.






## Xbox 360™

The keys on the X-Link™ universal remote control operate in much the same way as they do on the Xbox 360™ game controller with the following exceptions:

**Volume:** Volume keys are sent to your TV set so you do not need to use the original TV remote.

**Home:** Pressing the Home  button takes you back to the Dashboard.

**Start:** The Start  key brings up Windows Media Center extender on the Xbox 360™. This acts the same as the green button on Media Center remote controls.

**Colored Buttons:** The colored buttons are labeled Y, X, A and B. The Dashboard has various context sensitive menus which will direct you to press one of these buttons. In general A  is to perform an action and B  moves you back.

For more details you can review your Xbox 360™ manual or visit us online at [www.x-link-remote.com](http://www.x-link-remote.com).

# Setup Codes by Device

## TV

3M	1308	1372	1373	1374	1449
Abex	1063	1481			
Accurian	1451				
Acer	1152				
Action	1432				
Addison	1051	1177			
Admiral	1043	1178	1181	1271	1492
Advent	1046	1169	1189	1405	1430
	1473				
Adventura	1064	1483			
Aiko	1051	1177			
Aiwa	1331	1399	1402	1403	
Akai	1006	1024	1025	1044	1142
	1175	1188	1224	1243	1256
	1416	1422	1494		
Akura	1211				
Alaron	1210	1408			
Albatron	1167	1170			
Alfide	1416				
Alleron	1053				
Alpine	1385				
A-Mark	1417				
Ambassador	1425				
America Action	1052	1387			
Ampro	1168				
Amtron	1052	1387			
Anam	1052	1387	1417	1487	
Anam National	1052	1387			
AOC	1017	1045	1046	1047	1106
	1175	1187	1188	1190	1209
	1250	1257	1417		
Apex	1073	1091	1179	1258	1400
	1471				
Apex Digital	1151	1400			
Apple	1315				
Archer	1417				
Archos	1145				
Aster	1151	1496			
Audinac	1387	1426			

Audiovox	1017	1052	1095	1130	1177
	1203	1259	1260	1293	1329
	1330	1334	1336	1338	1387
	1417	1470	1493		
Adventura	1039	1489			
Axion	1143	1316			
Bang & Olufsen	1184				
Barco	1189				
Baur	1094	1427	1477		
Baysonic	1387				
Belcor	1017	1045	1187		
Bell & Howell	1043	1403			
Benq	1110	1147	1173	1494	
Blaupunkt	1427				
Blue Sky	1189				
Boigle	1450				
Boss	1189	1386	1430		
Boxlight	1428				
BPL	1210				
Bradford	1052	1387			
Brilliant	1148	1434	1475		
Brockwood	1017	1045	1187		
Broksonic	1006	1052	1181	1332	1417
	1492				
byd:sign	1164	1495			
Cadio	1436				
Candle	1017	1045	1047	1048	1064
	1175	1188	1208	1483	
Canon	1375	1376	1377		
Carnivale	1175	1188			
Carver	1041	1189	1430		
CCÉ	1185	1189	1293		
Celebrity	1000	1044	1298		
Celera	1073	1400			
Centurion	1049				
Champion	1403				
Changhong	1073	1400			
Ching Tai	1051	1177			
Chun Yun	1051	1052	1177	1193	1204
	1387				
Chung Hsin	1052	1196	1387		
Cinego	1453				
Cinema	1416				
Cineral	1293				

Citizen	1017	1045	1047	1048	1051
	1052	1060	1062	1083	1175
	1177	1188	1207	1208	1216
	1224	1293	1387	1403	1483
Clairetone	1209				
Clarion	1052	1387			
Coby	1102	1284			
Colorlyme	1017	1045	1047		
Colt	1213				
Commercial Solutions	1176	1484			
Concerto	1017	1045	1047	1208	
Contec	1052	1209	1387	1424	
Contec/Cony	1050	1052	1387		
Craig	1052	1387			
Crosley	1041	1074	1189	1430	
Crown	1052	1056	1207	1387	1416
Crown Mustang	1416				
CTX	1109				
Curtis	1261				
Curtis Mathes	1014	1017	1024	1025	1041
	1042	1043	1045	1047	1060
	1062	1083	1175	1176	1178
	1182	1188	1189	1203	1207
	1208	1224	1229	1271	1293
	1308	1395	1403	1430	1484
CXC	1052	1387			
CyberHome	1429				
Cytron	1141	1404			
Daewoo	1017	1045	1046	1047	1051
	1062	1074	1110	1177	1187
	1203	1207	1216	1293	1416
Daytron	1017	1045	1047	1062	1187
De Graaf	1210				
Dell	1017	1118	1189	1343	1430
	1490				
Delta	1325				
Denon	1182	1308			
Denstar	1387				
Diamond Vision	1166	1337			
Digital Projection Inc.	1444				
Dimensia	1014	1042	1083		
Disney	1076	1089			
Dumont	1017	1018	1045	1174	1187
	1421	1479			

Durabrand	1039	1052	1076	1086	1181
	1220	1227	1387	1417	1489
	1490	1492			
Dwin	1178	1218	1466		
Dynatech	1420				
Dynex	1130	1132			
Ectec	1426				
Eiki	1155	1156			
Electroband	1000	1044	1209	1298	
Electrograph	1149	1253			
Electrohome	1017	1044	1045	1047	1492
Elektra	1174	1293	1479		
Element	1017	1114	1128	1228	1245
Elite	1229				
Emerson	1017	1033	1034	1037	1038
	1039	1045	1047	1050	1052
	1053	1062	1074	1076	1125
	1166	1181	1187	1207	1209
	1216	1217	1227	1231	1254
	1293	1387	1403	1408	1424
	1425	1489	1490	1492	
Emprex	1165	1397			
Envision	1017	1045	1047	1106	1175
	1188	1250	1467		
Epson	1107	1354	1379	1380	1468
Erres	1206				
ESA	1024	1039	1489		
Ether	1194				
Ferguson	1476				
Fidelity	1488				
Finlandia	1210				
Finlux	1421				
Firststar	1201				
Fisher	1210	1403	1459		
Frontech	1211				
Fujitsu	1053	1297	1299	1306	1307
	1408	1464			
Funai	1033	1039	1052	1053	1387
	1408	1452	1489		
Furi	1198				
Futuretech	1052	1211	1387		
Gateway	1113	1149	1183	1192	1253
GE	1014	1017	1042	1045	1047
	1054	1055	1068	1083	1176
	1203	1214	1227	1254	1271
	1293	1400	1409	1461	1480
	1484	1485	1490		

GFM	1033	1037	1038	1127	
Gibraltar	1017	1018	1045	1174	1175
	1187	1188	1460	1479	
Go Video	1219				
Goldstar	1017	1045	1046	1047	1050
	1062	1063	1175	1187	1188
	1215	1227	1460	1481	1490
GPX	1287	1288			
Gradiente	1112	1208	1486		
Gronada	1210				
Grundig	1189	1416	1421	1427	
Grumpy	1052	1053	1387	1408	
H & B	1443				
Haier	1017	1045	1129	1137	1220
	1223	1405			
Hallmark	1017	1045	1047	1227	1490
Hankook	1052	1194	1200	1387	
Hannsprece	1442				
Hantarex	1440				
Harley Davidson	1408	1452	1482		
Harman/Kardon	1041	1189			
Harvard	1052	1387	1487		
Havermy	1178	1271			
Helios	1431				
Hello Kitty	1166	1203	1293		
Hewlett Packard	1096	1242	1250	1370	
Himitsu	1387				
Hisense	1115	1199	1205		
Hitachi	1017	1019	1043	1045	1047
	1050	1124	1182	1208	1262
	1296	1300	1301	1303	1308
	1424	1452	1462	1481	
HP	1242	1250			
Humax	1263	1447			
Hypson	1211				
Hyundai	1157	1172			
ICE	1211				
Ilo	1033	1138	1140	1244	1255
IMA	1052	1387			
Infinity	1041	1056	1189	1430	
InFocus	1119	1428			
Initial	1140				
Innova	1189				
Insignia	1076	1130	1131	1132	1246
	1398	1404	1430	1489	
Inteq	1174	1479			
Intervision	1211				

IRT	1293	1387			
IX	1433				
Janeil	1064	1483			
JBL	1041	1056	1189	1430	
JC Penney	1014	1017	1042	1045	1046
	1047	1048	1054	1055	1060
	1062	1063	1083	1400	1460
	1461				
JCB	1000	1044	1298		
Jean	1051	1177	1195	1199	1201
Jensen	1017	1045	1046	1047	1189
	1383	1389	1392	1404	1430
	1473				
Jinjing	1197	1198	1199		
JVC	1034	1035	1050	1055	1057
	1342	1424	1486	1492	
Kawasho	1017	1044	1045	1047	
Kaypani	1190				
KDS	1245				
KEC	1052	1387			
Ken Brown	1438				
Kenwood	1017	1045	1047	1175	1187
	1188	1381			
Kioto	1041	1189			
KLH	1073	1400			
Kloss	1418	1483			
Kloss Novabeam	1052	1064	1387		
Kolin	1052	1226	1387		
Konka	1328	1387	1407		
Kost	1189	1435			
Kreinsen	1430				
KTV	1052	1062	1175	1185	1188
	1207	1209	1387		
Leyco	1211				
LG	1017	1045	1046	1116	1160
	1167	1187	1188	1208	1227
	1469	1490			
Lloyd's	1452				
Local India TV	1210				
Loewe	1056	1189			
Lojix	1043				
Luxman	1017	1045	1047	1208	
LXI	1014	1041	1042	1047	1056
	1083	1176	1179	1189	1227
	1400	1403	1423	1430	1461
	1484	1490			
M & S	1041	1189			

MAG	1245
Magnasonic	1216 1293
Magnovox	1017 1031 1038 1041 1045 1047 1048 1056 1070 1081 1084 1098 1126 1140 1175 1188 1189 1217 1250 1253 1282 1302 1408 1418 1424 1430 1452 1493
Magnin	1214
Majestic	1043
Manesth	1211
Marantz	1017 1019 1041 1045 1047 1056 1108 1175 1188 1189 1305 1430
Matsui	1210
Matsushita	1180 1491
Maxent	1133 1149 1245 1253
Mediator	1206
Megapower	1167
Megatron	1019 1047 1182 1227 1308 1417 1490
MEI	1209
Memorex	1033 1043 1046 1047 1076 1086 1130 1181 1212 1215 1227 1332 1403 1405 1408 1433 1490 1492
Mercury	1460
Metz	1427
MGA	1017 1045 1046 1047 1175 1187 1188 1214 1227 1459 1490
Micro Electronic	1189
Midland	1018 1055 1062 1063 1174 1176 1207 1409 1461 1479 1481 1484 1485
Minerva	1421 1427
Mintek	1140 1400
Minutz	1054 1480
Mitsubishi	1017 1045 1046 1047 1088 1178 1187 1227 1264 1271 1295 1309 1326 1344 1362 1422 1427 1459 1490
Monivision	1167 1170
Montgomery Ward	1043
Motorola	1178 1245 1271
Maxell	1245

MTC	1017 1045 1046 1047 1060 1175 1187 1188 1208 1209 1224 1420
Multitech	1052 1185 1387 1420
Multivision	1058
NAD	1047 1179 1189 1208 1227 1229 1400 1423 1462 1490
Nakamichi	1445
NEC	1017 1045 1046 1047 1150 1175 1187 1188 1208 1305 1311 1323 1424 1463
Neovia	1440
Netsaf	1189
NET-TV	1136 1149 1253 1255
Newave	1051 1177 1178 1200 1225 1271
Nextar	1317
Nikkai	1211
Nikko	1047 1051 1175 1177 1188 1227 1490
Niko	1448
Nisato	1426
Noblex	1403
Norcent	1106 1205 1241 1250 1448 1474
Norwood Micro	1255 1493
Noshi	1186
NTC	1051 1177
NuVision	1242
Olevia	1017 1092 1099 1105 1187 1191 1456 1457
Olympus	1441
Onwa	1052 1387
Oppo	1144
Optimus	1009 1180 1212 1229 1403 1462 1491
Optoma	1120 1345 1346 1347 1348 1349 1355 1361 1472
Optonica	1059 1178 1271
Orion	1076 1181 1408 1492
Osaki	1211
Otto Versand	1094 1427 1477
Panama	1211
Panasonic	1008 1009 1010 1011 1012 1013 1055 1056 1078 1097 1159 1161 1180 1212 1310 1339 1365 1369 1382 1384 1409 1485 1491

Penney	1175 1176 1179 1186 1187 1188 1207 1214 1215 1224 1227 1409 1417 1423 1460 1480 1481 1484 1485 1490
Petters	1245
Philco	1017 1041 1045 1046 1047 1048 1050 1056 1175 1187 1188 1189 1293 1308 1408 1430 1492
Philips	1017 1027 1028 1029 1030 1031 1032 1033 1038 1041 1045 1048 1050 1056 1069 1072 1098 1126 1140 1162 1189 1206 1430 1478
Philips Magnavox	1029 1032 1033 1041 1069 1070 1081 1189 1430
Phonola	1206 1478
Pilot	1017 1045 1062 1175 1187 1188 1207
Pioneer	1017 1045 1047 1229 1233 1234 1235 1236 1237 1238 1239 1240 1303 1322 1342 1462
Planar	1250 1359 1446
Plasmasync	1153
Plextor	1371
Polaroid	1017 1073 1103 1189 1245 1259 1265 1266 1289 1329 1330 1335 1398 1400 1431 1435
Portland	1017 1045 1046 1047 1051 1062 1177 1187 1207
Power Acoustik	1312 1340
Price Club	1060
Prima	1017 1046 1111 1169 1189 1413 1414 1430 1473
Princeton	1167 1465
Prism	1055 1409 1485
Proscan	1014 1017 1042 1083 1176 1267 1461 1484
Protech	1211
Proton	1017 1045 1047 1050 1190 1227 1395 1417 1419 1490
Protron	1100 1268 1269
Proview	1114 1221 1245
Proxima	1119
Pulsar	1017 1018 1045 1174 1187 1479

Pye	1206
Pyle	1261 1286
Quasar	1055 1180 1212 1409 1485
	1491
Quelle	1094 1421 1427 1477
Radio Shack/Realistic	1017 1042 1045 1047
	1050 1052 1059 1062 1063
	1387 1403
Radiola	1206
RadioShack	1014 1052 1083 1175 1176
	1187 1188 1207 1208 1227
	1387 1403 1452 1481 1484
	1490
RBM	1421
RCA	1014 1015 1016 1017 1042
	1045 1046 1047 1066 1075
	1083 1143 1176 1186 1187
	1214 1224 1271 1293 1303
	1327 1387 1410 1411 1461
	1484
Realistic	1014 1052 1083 1175 1187
	1188 1207 1208 1227 1387
	1403 1481 1490
Rex	1211
Rhapsody	1209
Roadstar	1211
Rosen	1383
Runco	1018 1174 1175 1188 1350
	1463 1479
Saisho	1211
Sampo	1017 1045 1047 1062 1063
	1149 1175 1188 1190 1207
	1253 1481
Samsung	1017 1024 1025 1026 1045
	1046 1047 1050 1060 1062
	1063 1121 1175 1185 1187
	1188 1189 1208 1211 1224
	1227 1247 1291 1481 1490
Samsux	1207
Sansei	1293
Sansui	1006 1076 1101 1181 1332
	1452 1492
Sanyo	1017 1045 1093 1155 1156
	1210 1214 1232 1290 1403
	1459
SBR	1206 1478
Sceptre	1000 1117 1270

Schneider	1478
Scimitsu	1187
Scotch	1047 1227 1490
Scott	1017 1045 1047 1050 1052
	1053 1139 1187 1227 1387
	1408 1490
Sears	1014 1017 1039 1041 1042
	1045 1047 1053 1057 1065
	1083 1148 1176 1179 1189
	1208 1215 1227 1400 1403
	1408 1423 1430 1434 1452
	1459 1461 1484 1489 1490
SEG	1211
SEI	1094 1477
Semivox	1387
Semp	1423
Sharp	1016 1017 1020 1021 1022
	1023 1045 1047 1050 1059
	1062 1178 1207 1271 1272
	1313 1321 1378 1424
Shen Ying	1051 1177
Sheng Chia	1178 1225 1271
Shogun	1017 1045 1187
Siemens	1427
Signature	1043 1425
Signet	1435
SIM2 Multimedia	1437
Simpson	1048
Sinudyne	1094 1477
SKY	1189
Skyqiant	1052 1387
Sonitron	1210
Sonolor	1210
Sony	1000 1001 1002 1003 1004
	1044 1071 1094 1122 1123
	1158 1283 1294 1298 1314
	1320 1324 1357 1363 1364
	1452 1477
Soundesign	1017 1045 1047 1048 1052
	1053 1227 1387 1408 1490
Sova	1268
Sowa	1199
SOYO	1163 1394 1395 1396 1397
Space Tek	1450
Spectricon	1417
Spectroniq	1245
Squareview	1039 1065 1489

SSS	1017 1045 1052 1187 1387
Starlite	1052 1387
Studio Experience	1170
Superscan	1038 1178 1217 1248 1271
Supersonic	1017
Supre-Macy	1064 1483
Supreme	1000 1044 1298
SV4	1134 1223 1431
Sylvania	1017 1033 1036 1037 1038
	1039 1040 1041 1045 1047
	1048 1056 1125 1127 1175
	1188 1189 1217 1230 1430
	1489
Symphonic	1033 1038 1039 1052 1065
	1086 1387 1452 1489
Synco	1051 1177 1178 1193 1200
	1203 1225 1271
Syntax	1017 1092 1099 1187 1191
	1222 1456
Syntax-Brilliant	1017 1099 1148
Tacico	1051 1177 1200
Tandy	1178 1271
Tatung	1136 1183 1192 1195 1199
	1255 1417 1420
Teac	1211
Technics	1055 1180 1409 1485 1491
Technol Ace	1408
Techview	1171
Techwood	1017 1045 1047 1055 1208
	1409 1417 1485
Teco	1178 1195 1200 1225 1254
	1271
Teknika	1017 1041 1043 1045 1046
	1047 1048 1050 1051 1052
	1053 1060 1062 1177 1187
	1189 1207 1208 1224 1387
	1408 1430
Telecaption	1061
Telefunken	1024 1025 1208 1476
Tera	1419
Thomas	1452
Thomson	1014 1319
TMK	1017 1045 1047 1208 1227
	1425 1490
TNGi	1174 1479
Tophouse	1387

Toshiba	1005	1006	1007	1008	1017
	1060	1061	1077	1079	1080
	1082	1085	1087	1178	1179
	1187	1224	1271	1273	1274
	1285	1305	1325	1333	1341
	1400	1403	1421	1423	1424
	1490	1491			
Tosonic	1209				
Television	1062	1207			
Trical	1424				
Trutech	1033	1135			
Tuntex	1051	1177	1194		
TVS	1181	1492			
Ultra	1426				
Universal	1054				
Universum	1189	1211	1427		
US Logic	1255				
Vector Research	1175	1188			
VEOS	1434				
Victor	1034	1057	1486		
Video Concepts	1422				
Vidikron	1041	1189	1350	1430	
Vidtech	1017	1045	1046	1047	1187
	1227	1424	1490		
Viewsonic	1081	1090	1104	1149	1189
	1248	1249	1250	1251	1252
	1253	1254	1275	1296	1303
	1351	1352	1356	1430	1441
	1454				
Viking	1064	1483			
Viore	1138				
Visart	1439				
Visco	1146				
Vito	1281				
Vizio	1017	1090	1110	1116	1154
	1183	1187	1192	1248	1276
	1454	1455			
Wards	1014	1017	1041	1042	1043
	1045	1046	1047	1053	1054
	1056	1059	1083	1175	1187
	1188	1189	1208	1227	1229
	1298	1400	1408	1423	1430
	1480	1490			
Westinghouse	1000	1090	1094	1203	1258
	1277	1278	1279	1454	1477
White Westinghouse	1074	1181	1293	1492	
WinBook	1255				

Wyse	1250				
Yamaha	1017	1045	1046	1047	1175
	1187	1188	1296	1360	1468
Yapshe	1202				
Yoko	1211				
Zenith	1017	1018	1019	1043	1045
	1067	1174	1177	1181	1227
	1250	1280	1292	1293	1304
	1452	1479	1490	1492	
Zonda	1417				

## DVD

Accle Vision	2122				
Accurian	2229				
Adcom	2172				
Advent	2215				
Akai	2137	2210	2235		
Alco	2213				
Allegro	2089				
Alpine	2128				
Amphion Media Works	2127	2248			
AMW	2127				
Apex	2023	2024	2025	2026	2079
	2224				
Apple	2156				
Arrgo	2067				
Aspire	2217				
Astar	2150				
Audiovox	2102	2110	2213		
Axion	2138				
Bang & Olufsen	2225				
Blaupunkt	2121	2224			
Blue Parade	2039				
BOSE	2072	2080			
BOSS	2123				
Boston Acoustics	2249				
Broksonic	2210				
California Audio Labs	2211				
CambridgeSoundWorks	2168				
Changhong	2242				
CineVision	2089	2108			
Clarion	2131				
Classic	2106				
Coby	2081	2091	2116	2216	
Curtis	2091				
Curtis Mathes	2227				

CyberHome	2027	2067	2244	2245	2246
Cytron	2136				
Daewoo	2088	2089	2235		
Denon	2104	2109	2211	2274	2275
Desay	2153				
Diamond Vision	2174				
Disney	2084	2092			
Dual	2146				
Durabrand	2228				
DVD2000	2222				
Dynex	2160				
Eclipse	2118				
Emerson	2099	2120	2125	2185	2226
Enterprise	2226				
ESA	2125	2151			
Fisher	2142				
Funai	2125	2185			
Gateway	2098				
GE	2034	2069	2224		
GFM	2125				
Go Video	2089	2098			
Goldstar	2089				
GPX	2106				
Gradiente	2135	2211			
Greenhill	2224				
Grundig	2223				
Haier	2141				
Harman/Kardon	2100	2117			
Hitachi	2102				
Hiteker	2023				
iLive	2170				
Ilo	2134				
iLuv	2148				
Initial	2134	2224			
Insignia	2085	2125	2140	2167	2261
	2185	2279			
Integra	2039	2173	2212	2280	
Irradio	2126				
iSymphony	2157				
Jamo	2171				
JBL	2100				
Jensen	2145	2216			
JVC	2028	2029	2030	2031	2032
	2033	2087	2093	2113	
Jwin	2143				
Kawasaki	2213				
Kenwood	2115	2211			

KLH	2213	2224			
Klipsch	2250				
Konka	2234				
Koss	2097	2164	2219		
Landel	2230				
Lasonic	2132				
Lenoxx	2218	2228			
Lexicon	2232				
LG	2085	2089	2096	2111	2226
Liquid Video	2219				
Liteon	2098	2229			
Loewe	2231	2238			
Magnavox	2075	2076	2099	2125	2185
	2221	2223			
Marantz	2223	2276	2277		
Memorex	2084	2210			
Microsoft	2069				
Mintek	2134	2224			
Mitsubishi	2086	2222			
NAD	2085	2251			
Nakamichi	2144				
Nesa	2224				
Next Base	2230				
Nexstech	2154				
Norcent	2091				
Onkyo	2094	2105	2212	2221	
Oppo	2139	2155			
Oritron	2097	2219			
Panasonic	2015	2016	2017	2018	2019
	2020	2021	2022	2071	2082
	2112	2163	2211	2221	2266
	2267	2268			
Philco	2213				
Philips	2036	2037	2038	2075	2076
	2095	2185	2221	2223	2232
	2265	2283			
Pioneer	2039	2040	2041	2042	2269
	2273	2278			
Polaroid	2026	2119			
Polk Audio	2223				
Portland	2235				
Presidian	2185				
Prima	2159				
Princeton	2233				
Proceed	2023				
Proscan	2034	2069			
Pye	2038				

Qwestar	2097				
RCA	2034	2035	2039	2069	2213
	2224				
Regent	2218				
Rio	2089				
Rotel	2029				
Rowa	2214				
Sampo	2133	2243			
Samsung	2010	2011	2012	2013	2014
	2073	2077	2158	2211	2262
	2263	2284			
Sansui	2007	2210			
Sanyo	2142	2165	2210		
Sensory Science	2098				
Sharp	2090	2114	2169	2270	2271
	2272	2281			
Sharper Image	2246				
Sherwood	2168	2235	2282		
Shinco	2129				
Shinsonic	2134	2220			
Sigma Designs	2233				
Sonic Blue	2089				
Sony	2000	2001	2002	2003	2004
	2005	2070	2074	2078	2083
	2161	2220			
Sungale	2152				
SuperScan	2099				
SVA	2237				
Sylvania	2095	2099	2124	2125	2185
	2247				
Symphonic	2099	2185			
Teac	2134	2213			
Technics	2211				
Techwood	2130				
Terapin	2239				
Theta Digital	2039				
Toshiba	2006	2007	2008	2009	2036
	2068	2101	2162	2210	2221
Tredex	2236				
Trutech	2067				
Triview	2147				
Urban Concepts	2221				
US Logic	2134				
Venturer	2101	2166	2213		
Vizio	2240	2241			
Vocopro	2149				
Westinghouse	2107				

Xbox	2069				
Yamaha	2015	2103	2211	2223	
Zenith	2085	2089	2221	2226	

# VCR

ABS	2254	2000			
Adventura	2048	2060			
Aiwa	2048	2060			
Akai	2059				
Alienware	2254				
American High	2178				
Apex	2256				
Asha	2052	2176			
Audio Dynamics	2056				
Audiovox	2177	2196			
Beaumarck	2052	2176			
Bell & Howell	2175				
Broksonic	2170				
Calix	2217				
Candle	2176	2177			
Canon	2178				
CineVision	2208				
Citizen	2176	2177	2260		
Colortyme	2056				
Colt	2258				
Craig	2052	2176	2177		
Curtis Mathes	2056	2176	2178		
Cybernex	2052	2176			
CyberPower	2254				
Daewoo	2058	2060	2260		
Davidson	2048				
DBX	2056				
Dell	2254				
Denon	2053				
DIRECTV	2253				
Durabrand	2065				
Dynatech	2048	2060			
Electrohome	2050	2177			
Electrohponic	2177				
Emerson	2048	2050	2060	2099	2177
	2178	2185	2260		
Fisher	2175				
Fuji	2178				
Funai	2048	2060	2185		
Garrard	2048	2060			
Gateway	2254				

GE	2052	2176	2178	
Go Video	2052			
Goldstar	2056	2064	2177	2259
Gradiente	2048	2060		
Harley Davidson	2060			
Harman/Kardon	2056			
Headquarter	2175			
Hewlett Packard	2254			
Hitachi	2048	2053		
Howard Computers	2254			
HP	2254			
Hughes Network Systems	2053	2253		
Humax	2253			
Hush	2254			
iBUYPOWER	2254			
Instant Replay	2178			
JC Penney	2056	2175	2176	2177 2178
JCL	2178			
JVC	2054	2055	2056	2175 2183
	2193	2194	2195	2197 2198
	2199	2200		
Kenwood	2056	2175		
Kodak	2177	2178		
LG	2177	2190		
Linksys	2254			
Lloyd's	2048	2060		
LXI	2177			
Magnasonic	2060	2260		
Magnavox	2048	2060	2065	2066 2099
	2178			
Maqin	2052	2177		
Marantz	2056	2175	2178	
Marta	2177			
Matsushita	2178			
Media Center PC	2254			
MEI	2178			
Memorex	2048	2052	2060	2065 2175
	2176	2177	2178	2210 2255
	2257	2259		
MGA	2050	2052		
MGN Technology	2052	2176		
Microsoft	2254			
Mind	2254			
Minolta	2053			
Mitsubishi	2050	2184		
Motorola	2178			
MTC	2048	2052	2176	

Multitech	2048	2060	2176	
NEC	2056	2175		
Nikko	2177			
Niveus Media	2254			
Noblex	2052	2176		
Northgate	2254			
Olympus	2178			
Optimus	2060	2177	2257	
Optonica	2063			
Orion	2188	2255		
Panasonic	2016	2018	2043	2044 2178
	2181	2202	2203	2204 2252
	2257			
Penney	2052	2053	2259	
Pentax	2053			
Philco	2178			
Philips	2063	2066	2178	2185 2253
Philips Magnavox	2066			
Pilot	2177			
Polaroid	2256			
Presidian	2185			
Profrontric	2052			
Pulsar	2065			
Pye	2209			
Quarter	2175			
Quartz	2175			
Quasar	2178	2257		
RadioShack	2048	2063	2177	
Radio Shack/Realistic	2060	2063	2175	2176
	2177	2178		
Radix	2177			
Randex	2177			
RCA	2051	2052	2053	2176 2178
	2180	2205	2206	
Realistic	2048	2060	2063	2175 2176
	2177	2178		
ReplayTV	2252			
Ricovision	2254			
Runco	2065			
Samsung	2052	2057	2058	2059 2176
	2192	2207	2253	2264
Sanky	2065			
Sansui	2048	2188	2210	2255
Sanya	2052	2175	2176	
Scott	2050	2058		
Sears	2048	2053	2175	2177 2178
	2259			

Sharp	2062	2063	2186	
Shogun	2052	2176		
Singer	2178			
Sonic Blue	2252			
Sony	2002	2003	2004	2045 2046
	2047	2048	2179	2182 2201
	2254			
Stack	2254			
STS	2053	2178		
Superscan	2099			
Sylvania	2048	2050	2060	2061 2099
	2178	2185		
Symphonic	2048	2060	2061	2099 2185
Systemax	2254			
Tagar Systems	2254			
Tandy	2175			
Tashiko	2177			
Teac	2048	2060		
Technics	2178			
Teknika	2048	2060	2177	2178
Thomas	2048			
Tivo	2253			
TMK	2052	2176		
Toshiba	2049	2050	2058	2187 2189
	2191	2254		
Totevision	2052	2176	2177	
Touch	2254			
Unitech	2052	2176		
Vector	2058			
Vector Research	2056			
Video Concepts	2056	2058		
Videasonic	2052	2176		
Viewsonic	2254			
Villain	2048			
Voodoo	2254			
Words	2048	2052	2053	2060 2063
	2176	2177	2178	
XR-1000	2048	2060	2178	
Yamaha	2056	2175		
Zenith	2048	2064	2065	
ZI Group	2254			



# Cable

ABC	3010	3011	3012	3014	3033
	3111	3144	3145		
Adelphia	3007				
Allegro	3018				
Americast	3117				
Antronix	3016	3017			
Apache	3142				
Archer	3017	3018	3141		
AT&T	3003				
BBT	3147				
Belcor	3143				
Bell & Howell	3013	3108			
Bell South	3117				
Cable Star	3143				
Cable Vision	3006				
Cabletenna	3016				
Cableview	3015				
Century	3018				
Citizen	3018	3124			
Clearmaster	3116				
ClearMax	3116				
Colour Voice	3019				
Comcast	3000	3005			
Comtronics	3020				
Contec	3021				
Coolmax	3116				
CDX	3000	3005			
Daeryung	3123				
Digi	3122				
Director	3005	3009	3110		
Dumont	3122				
Eastern	3022				
Emerson	3141				
Everquest	3020	3112			
Focus	3115				
Garrard	3018				
GC Electronics	3017	3143			
GE	3010	3011			
Gehua	3121				
Gemini	3023	3112	3141		
General Instrument	3005	3009	3011	3108	3110
Goldstar	3020	3113			
Goodmind	3141	3142			
Hamlin	3024	3025			
Hitachi	3011				
Hyltex	3144				
Illico	3125				
Jasco	3018	3112			
Jerrold	3005	3009	3011	3023	3033
	3056	3108	3110	3112	
LG	3120				
Linsay	3150				
Magnavox	3026				
MegaCable	3009	3061			
Memorex	3027	3111			
Motorola	3000	3003	3005	3009	3060
	3108	3110			
Movie Time	3028				
Multitech	3116				
Multivision	3126				
NEC	3108				
NET Brazil	3059				
Nexus	3142				
Nova Vision	3127				
Novaplex	3152				
NSC	3028				
Oak	3021	3144			
Pace	3008	3114			
Panasonic	3031	3111			
Panther	3122				
Paragon	3111				
Philips	3018	3019	3026		
Pioneer	3001	3002	3029	3113	3123
Popular Mechanics	3115				
Prelude	3142				
Proscan	3010	3011			
Pulsar	3111				
Quasar	3111				
RadioShack	3112	3116	3141		
RCA	3015				
Realistic	3017				
Recoton	3115				
Regal	3025				
Regency	3022				
Rembrandt	3011				
Rogers	3125				
Runco	3111				
Samsung	3008	3020	3029	3058	3113
Scientific Atlanta	3001	3002	3003	3007	3008
	3014	3109	3123		
Signal	3020	3023	3112		
Signature	3011				
SL Marx	3020				
Sony	3006	3118			
Standard Component	3030				
Starcom	3023	3033	3112		
Stargate	3020	3023	3112	3141	3142
Starquest	3023	3112			
StarSight	3149				
Supercable	3108				
Supermax	3116				
Sylvania	3145				
Tandy	3146				
Telecaption	3148				
TeleView	3020				
Texscan	3145				
TFC	3151				
TIME WARNER	3004				
Timeless	3020				
Tocom	3012				
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Toshiba	3111				
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United Artists	3144				
United Cable	3033				
Universal	3016	3017	3018	3143	
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Videotron	3128				
Viewmaster	3116				
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Vision	3116				
Vortex View	3116				
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Alba	3159				
Alltech	3159				
Alpha Digital	3098				
Alphastar	3073				
Amitronica	3159				
Amstrad	3154	3159	3163		
Anglo	3159				
Ankara	3159				
Apex Digital	3106				
Artes	3094				
ASLF	3159				
Astra	3158	3159			
Astro	3158				
Blue Sky	3159				
Boca	3159				
Broco	3159				
BSkyB	3153	3154	3155	3163	
Bubu Sat	3159				
CaptiveWorks	3090				
Channel Master	3099				
Chaparral	3064				
Chess	3156	3157	3159		
CityCom	3158				
Condor	3158				
Conrad	3158				
Conrad Electronic	3158	3159			
Coolsat	3091				
Coship	3095				
Crossdigital	3140				
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DIRECTV	3040	3041	3042	3043	3044
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	3055	3062	3063	3078	3079
	3080	3081	3083	3129	3130
	3132	3135			
Discoverer	3156	3157			
Dish Network	3034	3035	3036	3037	3047
	3131	3133	3138		
Dishpro	3131	3133	3138		
Drake	3065				
Echostar	3034	3047	3131	3133	3138
	3139	3159			
Einhell	3159				
Elap	3159				
Elsat	3159				
Engel	3159				
Europa	3158				
Euraphon	3158				
Eurosky	3158				
Eurostar	3158				
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Panda	3158				
Pansat	3088				
Paysat	3054				
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Philco	3096				
Philips	3042	3049	3051	3053	3054
	3081	3129			
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	3076	3079	3080	3082	
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Skymaster	3156	3157	3159		
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Orient Power	4130
Oritron	4121
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Parasound	4098 4257
Penney	4127 4258
Performance Technique	4259
Philco	4085
Philips	4081 4093 4113 4115 4196

Pioneer	4024 4025 4026 4027 4028 4057 4066 4112 4117 4118 4129 4142 4143 4144 4145 4146 4147 4148 4149 4175 4181 4317 4318
Polaroid	4260
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RadioShack	4130 4132
RCA	4044 4045 4046 4047 4085 4112 4117 4118 4119 4122 4129 4140 4181
Realistic	4127 4180 4188
Recco	4131
Regent	4184
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Rio	4124 4133
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Sharper Image	4131 4132
Sherwood	4075 4107 4302
Shure	4114
Sonab	4303
Sonic	4128
Sonic Blue	4124 4133
Sontec	4304
Sony	4000 4001 4002 4003 4004 4005 4006 4007 4054 4055 4059 4070 4071 4072 4073
Soundesign	4111 4177 4197
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Topline	4309				
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Wadia	4214				
Wards	4111	4175	4177	4196	
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Xantech	4185				
Xitel	4215				
Yamaha	4008	4009	4010	4011	4012
	4013	4014	4015	4016	4017
	4018	4063	4067	4069	4082
	4116	4150	4319	4320	4321
	4322	4323	4324	4325	4326
Yorx	4127				
Zektor	4216				
Zenith	4076	4128	4130		
Zon	4245				

# TV/DVD/VCR

## Home Theatre in a Box

### w/VCR

Brands	AUD	DVD	VCR
Audiovox	4085	2102	2196
Emerson	1217	2099	2099
Magnavox	1217	2099	2099
Panasonic	1013	2019	2204
Superscan	1217	2099	2099
Sylvania	1217	2099	2061
Sylvania	1038	2099	2099
Symphonic	1038	2099	2099
Symphonic	1038	2099	2061
Toshiba	1007	2008	2189
Toshiba	1007	2008	2191
Zenith	4076	2089	2064

### w/o VCR

Brands	AUDIO	DVD
Amphion Media Works	4123	2248
Apex	4086	2026
BOSE	4056	2072
BOSE	4056	2080
Boston Acoustics	4135	2249
CambridgeSoundWorks	4105	2168
Classic	4087	2106
Coby	4078	2091
Curtis	4089	2091
Denon	4049	2109
Emerson	4097	2120
GPX	4087	2106
iLive	4108	2170
Insignia	4104	2167
iSymphony	4109	2157
Jamo	4110	2171
JBL	4084	2100
JVC	4029	2093
JVC	4031	2113
JVC	4032	2087
JVC	4033	2093

Klipsch	4136	2250
Koss	4102	2164
LG	4080	2096
Magnavox	4060	2075
NAD	4137	2251
Onkyo	4077	2094
Panasonic	4019	2071
Panasonic	4020	2071
Panasonic	4021	2082
Panasonic	4100	2163
Panasonic	4101	2017
Philips	4081	2075
Pioneer	4024	2039
Samsung	4064	2077
Samsung	4064	2262
Sanyo	4103	2165
Sharp	4106	2169
Sherwood	4107	2168
Sony	4000	2074
Sony	4000	2078
Sony	4000	2083
Sony	4054	2070
Toshiba	4094	2162
Venturer	4085	2166
Yamaha	4082	2103

## Combo TV/ VCR

Model	TV	VCR
Citizen	1216	2260
Colt	1213	2258
Daewoo	1216	2260
Emerson	1216	2260
GE	1214	2052
Goldstar	1215	2259
Magnasonic	1216	2260
Magnin	1214	2052
Memorex	1212	2257
Memorex	1215	2259
MGA	1214	2052
Optimus	1212	2257
Panasonic	1012	2203
Panasonic	1212	2257
Panasonic	1009	2202
Penney	1214	2052
Penney	1215	2259
Philips	1028	2066
Quasar	1212	2257
RCA	1214	2052
RCA	1015	2205
RCA	1016	2206
Samsung	1026	2207
Sanya	1214	2052
Sears	1215	2259
Sony	1003	2201
Sylvania	1036	2060

## Combo TV/ DVD

Model	TV	DVD
Akai	1142	2137
Apex	1091	2024
Audiovox	1095	2110
Axion	1143	2138
Coby	1102	2116
Cytron	1141	2136
Diamond Vision	1166	2174
Disney	1089	2092
Dynex	1132	2160
GFM	1038	2125
Haier	1137	2141
Ilo	1140	2134
Initial	1140	2134
Insignia	1130	2140
LG	1045	2111
Mintek	1140	2134
Oppo	1144	2139
Panasonic	1097	2112
Philips	1098	2037
Philips	1033	2038
Philips	1033	2095
Polaroid	1103	2119
Primo	1111	2159
RCA	1014	2069
Sansui	1101	2007
Sharp	1022	2114
Sylvania	1033	2095
Sylvania	1037	2124
Sylvania	1038	2125
Sylvania	1040	2247
Toshiba	1006	2007
Toshiba	1007	2008
Toshiba	1080	2007
Westinghouse	1094	2107

## Combo DVD/ VCR

Model	DVD	VCR
Apex	2026	2256
Broksonic	2210	2210
CineVision	2108	2208
Emerson	2185	2185
Funai	2185	2185
Goldstar	2089	2064
JVC	2030	2197
JVC	2030	2193
JVC	2031	2198
JVC	2031	2194
JVC	2032	2199
JVC	2032	2195
JVC	2033	2200
LG	2085	2190
Memorex	2210	2210
Panasonic	2016	2016
Panasonic	2017	2044
Panasonic	2018	2018
Philips	2185	2185
Polaroid	2026	2256
Presidian	2185	2185
Pye	2038	2209
Samsung	2011	2192
Samsung	2073	2057
Samsung	2263	2264
Sansui	2210	2210
Sony	2002	2002
Sony	2003	2003
Sony	2004	2004
Sylvania	2185	2185
Symphonic	2185	2185
Toshiba	2068	2187
Zenith	2089	2064

**Note:** In the event that the remote locks up due to excessive electro static discharge, the remote may need to be reset by removing and reinserting the batteries.



# Thank You!

Thank you for purchasing SMK-Link's X-Link™ Universal Remote control for Xbox 360™.

This User's Guide is designed to help guide you through setting up your X-Link™ Universal Remote Control. Since we support so many different devices, the setup codes for more obscure devices can be found on our website.

The process of setting up your remote to control your equipment is an easy step-by-step process. Should you need additional help with setting up your remote, we have the following additional resources:

**[www.x-link-remote.com](http://www.x-link-remote.com)** Additional help and resources

**888-696-3500** Toll free technical support

**[pcsupport@smkusa.com](mailto:pcsupport@smkusa.com)** Free email technical support