

MXv4

PROGRAMMING YOUR PBTv REMOTE FOR POWER & VOLUME

START WITH TV TURNED ON

CODE SEARCH METHOD

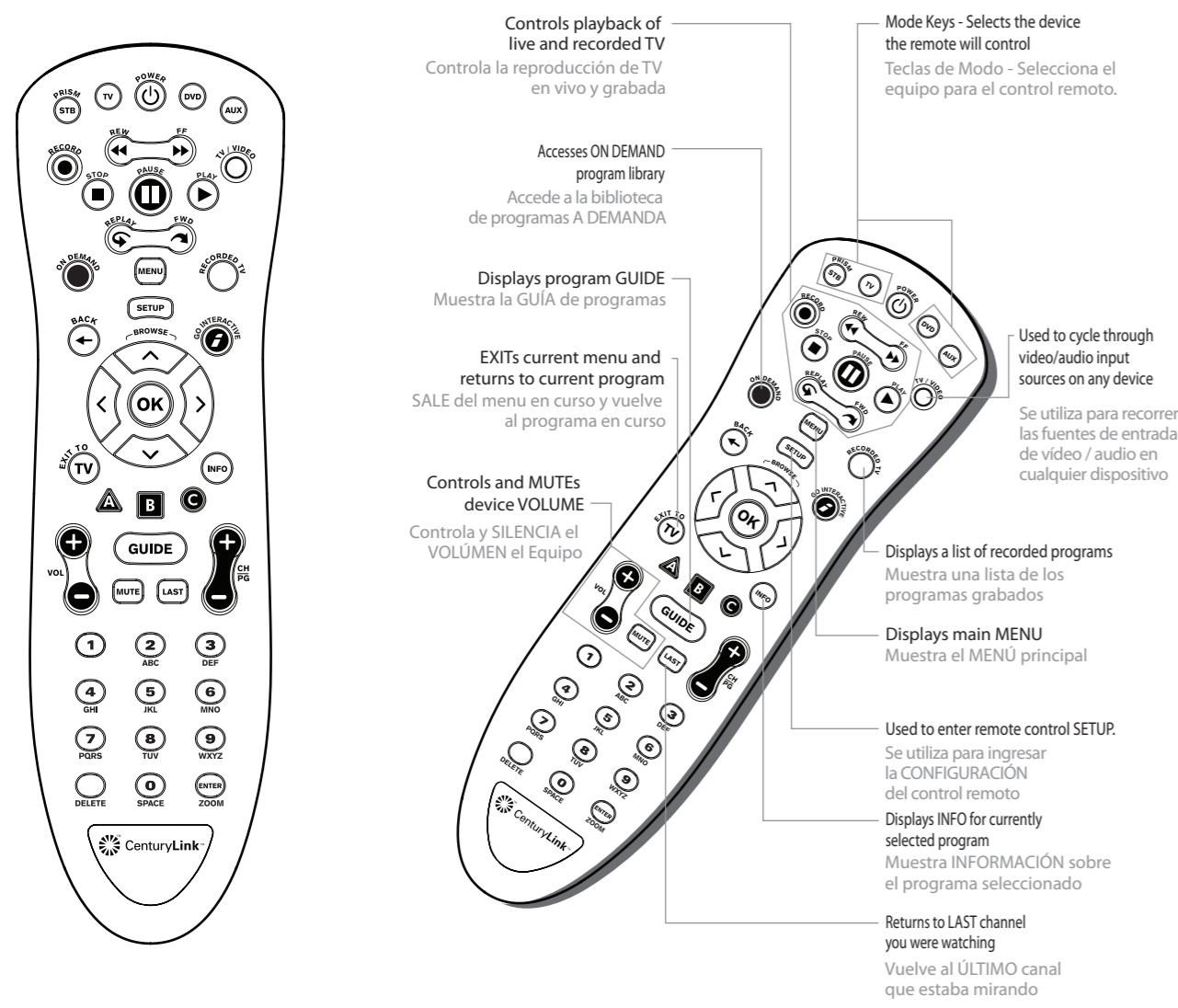
- Press and hold Setup **4** until LED at the top of the remote blinks twice.
- Press and release TV **1** button.
- Press and hold OK **2** button until the device turns off.

IF THE VOLUME WORKS, DO THE FOLLOWING STEPS:

LOCK THE VOLUME METHOD

- Press the TV **1** button.
- Press and hold Setup **4** until TV **1** button blinks twice.
- Press Volume + **5** button one time.
- Press the TV **1** button.
- Press the STB **6** button.





Getting Started

Primeros Pasos

Note/Nota: Make sure all home theater equipment is ON before starting remote control setup. Asegúrese de que todo el equipo de cine en casa (home theater) esté ENCENDIDO (ON) antes de comenzar la configuración del control remoto.

- Remove battery cover.** Retire la tapa del compartimiento de pilas.
 - Insert 2 AA batteries.** Match the + and - marks. Coloque 2 pilas AA. Haga coincidir las marcas "+" y "-".
 - Replace battery cover.** Vuelva a colocar la tapa del compartimiento de pilas.
- Tip/Consejo:** The mode key will blink 5 times with each key-press when batteries need replacement. La tecla de Modo parpadeará 5 veces con cada pulsación de tecla cuando sea necesario reemplazar las pilas.

Setup Method B:

Configuración - Método B:

1 Press the mode key for the device you wish to setup. Presione la tecla de modo para el equipo que desee configurar.

TV DVD AUX

2 Press and hold SETUP until the mode key blinks twice. Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.

SETUP

3 Enter the 1st code for your brand from the code list. (See reverse side for codes.) Ingrese el primer código de TV que corresponda a la marca de su TV de la lista de códigos. (Vea el reverso para los códigos.)

1 2 3
4 5 6
7 8 9
0

4 Press POWER key to test with your device. If the device turns off, setup is complete. Presione la tecla de encendido/apagado (POWER) para probar con su equipo. Si el equipo se apaga, la configuración se ha completado.

5 If device does not turn off, repeat SETUP METHOD B using the next code for your brand. Si el equipo no se apaga, repita el MÉTODO DE CONFIGURACIÓN B utilizando el próximo código que corresponda a su marca.

Setup Using Direct Code Entry

Configuración del Control de TV utilizando Entrada Directa de Código

Setup Method C:

Configuración - Método C:

1 Press and hold SETUP until the mode key blinks twice. Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.

SETUP

2 Press the mode key for the device you wish to setup. The mode key stays lit. Presione la tecla de modo para el equipo que desee configurar. La tecla de modo permanece encendida.

TV DVD AUX

Code Search

Búsqueda de Código

3 Press and hold the OK key. Presione y mantenga presionada la tecla OK (Aceptar).

OK

4 Release the OK key when your device turns off. Suelte la tecla OK (Aceptar) cuando su equipo se apague.

Setup Method A:

Configuración - Método A:

Popular Brands

Marcas famosas

1 Press and hold SETUP until the mode key blinks twice. Presione y mantenga presionada la tecla SETUP (Congurar) hasta que la tecla de modo parpadee dos veces.

SETUP

2 Press the mode key for device you wish to setup. The mode key stays lit. Presione la tecla de modo para el equipo que desee configurar. La tecla de modo permanece encendida.

TV DVD AUX

3 Find your device and brand from the charts below and note the number key assigned to your brand. Busque su equipo y marca en las tablas que figuran a continuación y observe el código de número (Número) asignado a su marca. Mantenga presionada la tecla del número que corresponda a la marca de su equipo.

1 2 3
4 5 6
7 8 9
0

4 Release the key when your device turns off. Setup for that device is complete. Suelte la tecla cuando su equipo se apague. La configuración para ese equipo se ha completado.

2 BLINKS = SUCCESS
1 LONG BLINK = FAILURE
2 PARPADEOS = CORRECTA
1 PARPADEO LARGO = INCORRECTA

Number Número	TV	Number Número	DVD/VCR	Number Número	Audio
1	Insignia / Dynex	1	LG	1	Bose
2	LG	2	Memorex	2	Denon
3	Mitsubishi	3	Panasonic	3	LG
4	Panasonic	4	Philips / Magnavox	4	Onkyo
5	Philips / Magnavox	5	RCA	5	Panasonic
6	Samsung	6	Samsung	6	Philips
7	Sharp	7	Sharp	7	Pioneer
8	Sony	8	Sony	8	Samsung
9	Toshiba	9	Sylvania	9	Sony
0	Vizio	0	Toshiba	0	Yamaha

Locking Volume Controls to One Device

Bloqueo de los Controles de Volumen a un equipo

Tip/Consejo: By default, the volume keys will control any device depending on the mode selected. Follow these steps to lock the volume keys to just one device no matter which mode is selected. De forma predeterminada, las teclas de volumen se controla cualquier dispositivo en función del modo seleccionado. Siga estos pasos para bloquear las teclas de volumen para un solo dispositivo, sin importar el modo seleccionado.

1 Press and hold SETUP until the mode key blinks twice. Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.

SETUP

2 Press VOL + key. Presione la tecla aumentar volumen (VOL +).

VOL +

3 Press the mode key that corresponds to the device you use for volume controls. Presione la tecla de modo que corresponda al equipo que está utilizando para controles de volumen.

TV DVD AUX

2 Blinks = Success
1 Long Blink = Failure
2 Parpadeos = Correcta, 1 Parpadeo Largo = Incorrecta

To cancel volume control lock:
1 - Press and hold SETUP until a mode key blinks twice.
2 - Press the Mute key. The mode key will blink 4 times upon successful unlock.

Para cancelar el bloqueo de control de volumen:
1 - Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.
2 - Presione la tecla Silencio. La tecla de modo parpadeará 4 veces al desbloqueo exitoso.

Locking TV/Video Key to One Device

Bloqueo de TV / Vídeo Tecla a Un Dispositivo

Tip/Consejo: By default, the TV/Video key will control any device depending on the mode selected. Follow these steps to lock the TV/Video key to just one device no matter what mode is selected. De forma predeterminada, la tecla TV / Video controlar cualquier dispositivo en función del modo seleccionado. Siga estos pasos para bloquear la tecla de TV/Video en un solo dispositivo, sin importar lo que se selecciona el modo.

1 Press and hold SETUP until the mode key blinks twice. Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.

SETUP

2 Press the TV/Video key. Presione la tecla TV/Vídeo.

TV / VIDEO

3 Press the mode key that corresponds with the device you use for changing audio/video inputs. Presione la tecla de modo que corresponda al equipo que está utilizando para cambio de entradas audio/vídeo.

TV DVD AUX

2 Blinks = Success
1 Long Blink = Failure
2 Parpadeos = Correcta, 1 Parpadeo Largo = Incorrecta

To cancel TV/Video lock:
1 - Press and hold SETUP until a mode key blinks twice.
2 - Press the TV/Video key, then the Exit to TV key. The mode key will blink 4 times upon successful unlock.

Para cancelar el bloqueo del interruptor de entrada:
1 - Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.
2 - Presione la tecla TV/Vídeo. Luego la tecla Exit To TV. La tecla de modo parpadeará 4 veces al desbloqueo exitoso.

Tip/Consejo: If your brand does not appear in the brand chart to the right, perform setup using either DIRECT CODE ENTRY (B) or CODE SEARCH (C). Si la marca que utiliza no aparece en la tabla de marcas a la derecha, realice la configuración utilizando ya sea ENTRADA DIRECTA DE CÓDIGO (B) o BÚSQUEDA DE CÓDIGO (C).

Codes: TV

Accurian	1803
Action	0873
Admiral	0093, 0463
Advent	0761, 0783, 1933
Aiko	0092
Aiwa	1362
Akai	0812, 1675, 0702, 0765, 0030, 0672, 1207, 1385, 1935, 2232
Akura	1687
Albatron	0843
Alfide	0672
America Action	0180
Anam	0180
AOC	0030, 1365, 1589, 1590, 2014, 2087, 2402, 2479
Omni	1623
Apex Digital	0748, 0879, 0765, 0767, 0890, 1217, 1992, 2397
Astar	1531, 1738
Audinac	0180
Audiovox	1564, 0451, 0180, 0092, 0623, 0802, 0846, 0875, 1284, 1766, 1769, 1803, 1865, 1937, 1951, 1952, 2121
Aventura	0171
Axion	1937
Baysonic	0236, 0463, 0180
Bell & Howell	0154
BenQ	1032, 1315, 1756
BGH	0876, 0898
Blue Sky	1254
Boigle	1696
Bradford	0180
Brillian	1007
Broksonic	0236, 0463, 1935, 1938
Byds:sign	1309
Candle	0030, 0056
Carnivale	0030
Carver	0054
Casio	1205
CCE	0037, 0623
Celebrity	0000
Celera	0765
Champion	1362
Changhong	0765
Cineral	0451, 0092
Citizen	0451, 0060, 0030, 0092, 0056, 0561, 1672, 1935
Clarion	0180
Coby	1538, 1634, 2306, 2314, 2315, 2338, 2340, 2343, 2344, 2345, 2350, 2560, 3202
Commercial Solutions	1447, 0047
Concerto	0056
Conia	1687
Contec	0180
Continental	2357
Coradir	2844
Craig	0180
Croma	1011
Crosley	0000, 0054
Crown	0180, 0672
Crown Mustang	1572
Curtis	1200, 1326, 2352, 2397, 2466
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 1661, 0056, 1147, 1347, 1959
CXC	0180
Cytron	1326
Daenyx	0180, 0672
Daewoo	0154, 0451, 0092, 1661, 0623, 0661, 0672, 1816
Daytron	0180
Dell	1264, 1080, 1178, 1863
Denon	0145
Diamond Vision	1997
Digitstar	1565
Digital Lifestyles	1765
Disney	1665, 2152
Drean	0037
DSE	1565
Dumont	0017
Durabrand	0463, 0180, 0178, 0171, 1034, 1463, 1665
Dynex	1463, 1785, 1810, 2049, 2184
Electroband	0000
Electrograph	1755, 1623
Electrophome	0463, 1670, 1672
Element	0017, 1661
Eletra	1687, 1886, 2183
Emerson	1864, 0154, 0451, 0236, 0463, 0180, 0178, 0171, 1661, 0623, 1394, 1665, 1886, 1944, 1963, 1997
Emprex	1422, 1765
Encross	0876
Envision	0030, 0813, 1365, 1589, 2014, 2087

Epson	1122
ESA	0812, 0171, 1944, 1963
Firstline	0037
Fisher	0154, 1362
Fluid	2964
Fujimaro	1687
Fujitsu	0809, 0683, 0853
Fujitsu Siemens	0809
Funai	0000, 0180, 0171, 1271, 1904, 1963, 1979
Futurtech	0180
Gateway	1755, 1756
GE	1547, 1447, 0047, 0051, 0451, 0765, 0178, 1347, 1922, 2359
General Electric	0047
GFM	1864, 0171, 1665, 1886, 1963
Gibraltar	0017, 0030
Global Home	1565
Go Video	0886
GoldStar	0178, 0030, 0037, 0056
Gradiente	0053, 0056
Grundig	0037, 0070, 0672, 0683
Grunpy	0180
H & B	1366
Haier	1034, 1748, 1749, 1753, 2293, 2309, 2494, 3204
Hallmark	0178
Hanns.G	1783
Hannspree	1348, 1745, 1783, 2786
Harley Davidson	1904
Harman/Kardon	0054
Harvard	0180
Havermey	0093
Helios	0865
Hello Kitty	0451
Hewlett Packard	1494, 2540
Himitsu	0180
Hinense	0748, 1314, 1660, 2098, 2355, 2419
Hitachi	1643, 1145, 0145, 0056, 0679, 0797, 1345, 1445, 1904, 2215, 2431, 2433
Hitech	1814
HP	1494, 2540
Hyuundai	0849, 1219, 1814
H-nc	1746
iLo	1463, 1286, 1394, 1603, 1665, 1684, 1990
Infinity	0054
Initial	1603, 1990
Innova	0037
Insignia	1423, 1564, 0463, 0171, 2751, 2432, 2184, 2088, 2049, 2002, 1963, 1892, 1810, 1785, 1660, 1641, 1517, 1385, 1326, 1204
Inteq	0017
IRT	0451, 1661
ITT Nokia	0180
IX	0877
JBL	0054
JCB	0000
JCM	2256
Jensen	0761, 1299, 1326, 1933
JVC	0463, 0053, 0650, 0731, 1253, 1601, 1774, 1923, 2264, 2271
KDS	1687
KEC	0180
Ken Brown	0236, 0463, 1321
Kenia	0030, 0082
Kenwood	0030
Kioto	0054
KLH	0765, 0767
Konka	1385
Kost	1262, 1483
Kreisen	0876
KTV	0180, 0030
LG	1423, 1447, 0017, 1265, 0178, 0030, 2834, 2731, 2424, 2359, 2358, 2182, 1993, 1860, 1859, 1768, 1721, 1325, 1178, 0866, 0056
Lloyd's	1904
Loewe	0087
Luxman	0056
LXI	0047, 0054, 0154, 0156, 0178
Lynx	1565
M&S	0054, 0236
MAG	1687
Magnavox	1454, 1866, 1755, 0054, 0051, 0030, 0171, 2372, 1990, 1963, 1944, 1904, 1867, 1525, 1455, 1365, 1254, 1198, 0802
Marantz	1454, 0054, 0030, 0037, 0704, 0855, 1398, 1214
Matsumita	0250, 0650
Maxent	1755, 0762, 1211, 1714, 1757

Megatron	0178, 0145
Memorex	0154, 0463, 0150, 0178, 0877, 1665, 1670, 1785, 1892, 1924, 1927, 1938
MGA	0150, 0178, 0030
Midland	0047, 0017, 0051
Mintek	1603, 1990
Mitsubishi	1250, 0093, 0150, 0178, 0836, 1797
Monivision	0843
Motorola	0093
MTC	0060, 0030, 0056
Multitech	0180
Mx Onda	1687
NAD	0156, 0178, 0037, 0056, 0866, 1156
Naxa	2104
NEC	0030, 0056, 0704, 0876, 1398, 1704, 1797
Netsat	0037
NetTV	1755, 0762
NEX	1814
Nexus Electronics	2183
Nikko	0178, 0030, 0092
Nimbro	2104
Noblex	0154
Nokia	0180, 0861
Norcent	0748, 0824, 1365, 1589, 1590, 1591, 1745, 2110
Norwood Micro	1286
NTC	0092
Nu-Tec	2157
NuVision	2158
Olevia	1610, 1144, 1240, 1331
Onwa	0180
Optimus	0250, 0154, 0166, 0650, 1924, 1927
Optoma	1348
Optonica	0093
Orion	0236, 0463, 1463, 1938
Otic	1687
Packard Bell	0092
Panasonic	1480, 0250, 0051, 0650, 1271, 1291, 1345, 1924, 1927, 1941, 1946, 1947, 2240, 2264
Panavox	0861
PARK	2104
Penney	0047, 0156, 0051, 0060, 0178, 0030, 1347
Petters	1523
Philco	0054, 0451, 0463, 0030, 0145, 0171, 0092, 1661, 0082, 1271, 1394, 1665, 1963
Philips	1454, 1866, 0054, 0171, 0037, 0690, 1394, 1455, 1483, 1744, 1806, 1867, 1961, 2372, 2374, 2564
Pilot	0030
Pioneer	1457, 0166, 0679, 0866, 1260, 1398, 2240
Planar	1288, 1589
Polaroid	1523, 0765, 2425, 2121, 2117, 2063, 2002, 1992, 1769, 1767, 1766, 1763, 1762, 1687, 1565, 1538, 1385, 1341, 1327, 1326, 1316, 1314, 1286, 1276, 1262, 0865
Portland Precision	0451, 0092, 1661
Prima	0761, 0783, 1749, 1753, 1785, 1933
Prism	0051
Proscan	1447, 0047, 0030, 1347, 1922, 2147, 2183, 2256
Proton	0178
Proview	1687
Pulsar	0017
Punktal	2687
Pye	0412
Pyle	1200
Quasar	0250, 0051, 0650, 1291, 1924, 1927
RadioShack	0047, 0154, 0180, 0178, 0030, 0056, 1904
RCA	1547, 1447, 0047, 0051, 0093, 0060, 1661, 2932, 2746, 2434, 2247, 2187, 2002, 1959, 1958, 1953, 1922, 1781, 1347, 1147, 0679
Realistic RevolutionHD	0154, 0180, 0178, 0030, 0056
Runco	1623
Runco	0017, 0030, 1398
Sampo	1755, 0030, 0762
Samsung	0812, 0060, 0702, 0178, 0030, 2814, 2697, 2596, 2137, 2103, 2051, 1959, 1960, 0814, 0766, 0650, 0056, 0037
Sansui	0451, 0092
Sansui	0463, 0171, 1463, 1409, 1670, 1892, 1904, 1935, 1938
Sanyo	0054, 0154, 1142, 1362
Sceptre	0878, 1217, 1360, 1599, 2337, 2506

Scotch	0178
Scott	0236, 0180, 0178, 1711
Sears	0047, 0054, 0154, 0156, 0178, 0171, 0056, 1007, 1904
Semivox	0236, 0463, 0180
Semp	0156, 1356, 1743
Sense	1865
Serie Dorada	0156, 0180, 0178, 0030, 0056
Sharp	0818, 0093, 1459, 1602, 1659, 2360, 2402, 2495
Sheng Chia	0093
Sherwood	1399
Siam	0037
Signature	0054
Signet	1262
SKY	0037
Skyworth	1799
Sole	1366, 1483, 1623, 2075
Sony	0810, 0000, 1685, 1825, 1904, 1925, 2736
Soundesign	0180, 0178
Sova	1952
Soyo	1746, 1824
Space Tek	1696
Spectroniq	1687
Squareview	0171
SSS	0180
Starlite	0180
Studio Experience	0843
SunBriteTV	1420, 2337
Superscan	0093, 0864, 1944
Supersonic	1753, 2104, 3204
Supreme	0000
SVA	0748, 0865, 1963
Sylvania	1864, 0054, 0030, 0171, 1271, 1314, 1394, 1665, 1886, 1944, 1963
Symphonic	0180, 0171, 1394, 1904, 1944
Syntax	1610, 1144, 1240, 1331
Tahoci	0561
Talent	0178
Tandy	0093
Tatung	1286, 1288, 1361, 1756, 2496
TCL	2414, 2434, 3183
Technics	0250, 0051
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0092, 0056
Telefunken	0702, 0056
Thomas	1904
TMK	0178, 0056
TNGI	0017
Tophouse	0180, 0672, 1385
Toshiba	1524, 0154, 0156, 1256, 0093, 1265, 0060, 2724, 2006, 1959, 1945, 1936, 1935, 1743, 1704, 1665, 1356, 1343, 1325, 1156, 0822, 0650
TruTech	1665, 1723, 2066
TVS	0463
US Logic	1286
Vector Research	0030
Venturer	1865
VEOS	1007
Victor	0053
Vidikron	0054, 1398
Vidtech	0178
Viewsonic	1754, 1564, 0797, 0857, 0864, 0885, 1330, 1365, 1578, 1627, 1640, 1742, 2014, 2049, 2087, 2277
Viore	1207, 1684, 1811, 2104, 2352, 3118
Visart	1336
Vizio	1758, 0864, 0885, 1756, 2512, 2757
Wards	0000, 0047, 0054, 0017, 0154, 0156, 0051, 0180, 0060, 0178, 0030, 0056, 0866, 1147, 1156, 1347
Waycon	0156
Westinghouse	1712, 0451, 0885, 0889, 0890, 1217, 1282, 1300, 1577, 2195, 2293, 2499
White Westinghouse	0463, 1661, 0623
Winco	0412
Wyse	1365
Xion	1792
Yamaha	0030, 0797
Zenith	0000, 1423, 0047, 0017, 0463, 1265, 0178, 0030, 1145, 0145, 0092, 1661, 1325, 1365, 0037, 1721, 1859, 1904, 2358

TROUBLESHOOTING

RESOLUCIÓN DE PROBLEMAS

Problem: Mode key does not blink when a key is pressed.
Solution: Replace batteries.

Problem: Mode key blinks, but remote does not control my equipment.
Solution: Press correct mode key and point remote at equipment you need to control.

Problem: Tried all codes for my brand of device and none work.
Solution: Try CODE SEARCH (METHOD C) method.

Problem: POWER button not turning ON/OFF both TV and STB at the same time.
Solution: TV code is not properly programmed. Follow one of the setup methods shown on prior page.



Tip/Consejo:

Write the working code here for future use. Escriba el código de funcionamiento aquí para una referencia futura.

TV code	Código de TV
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Codes: Audio

Códigos: Audio

Aiwa	1405, 0189, 1388, 1641
Alco	1390
Altec Lansing	2720
AMC	1077
Anam	1609
Apex Digital	1257, 1430, 1774
Apple	1115
Arcam	1189, 0189
Audiotronic	1189
Audiovox	1390
Bose	1629, 1933
Carver	1189, 0189
Coby	1389, 2127
Curtis	1389
Daewoo	1250
Denon	2706, 2857, 1360, 1460, 2247, 2279, 2516, 2820, 2987, 3001, 2502
Dynex	2971
Fisher	1801
Gateway	1517
Harman/Kardon	0892, 3045, 0110, 0189, 1304, 1306, 2241, 2443

Hitachi	1801
HitPlus	2483
iHome	2435
iLive	2013
Insignia	1030, 1077, 1751, 1893, 2126, 2169, 2175, 2472, 2929, 2966
Integra	1298, 1320, 1805
iSymphony	2442
JBL	0110, 1306, 2241
Left Coast	0892
JVC	1374, 1495, 1871, 2040, 2239, 2331, 2969

MXv3

PROGRAMMING YOUR PBTv REMOTE FOR POWER & VOLUME

START WITH TV TURNED ON

CODE SEARCH METHOD

Press and hold the TV **1** button. While holding it, press the OK key **2** for one second.

Release both keys and all the mode keys will flash, then the selected mode key (TV **1**) will stay lit.

Press the POWER **3** button repeatedly until the TV set turns off. Once the TV has turned off, press OK **2** to save the code.

The TV light will go out to indicate a successful setup.

IF THE VOLUME WORKS, DO THE FOLLOWING STEPS:

LOCK THE VOLUME METHOD

Press and hold the TV **1** button. While holding it, press the OK key **2** for one second.

Release both keys and all the mode keys will flash, then the selected mode key (TV **1**) will stay lit.

Press and hold the MUTE **4** key until the TV light turns off and remains on.

Press and release the TV **1** button (it will remain lit when released)

Press and release the MUTE **4** button to store setting.





**Motorola
Advanced Series
MXv3 Remote Control**

Battery Installation

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert 2 AA alkaline batteries.
3. Press the battery cover back into place.

Programming the remote to control other devices

The remote control will only control the device which is selected by the appropriate mode key (STB, TV, DVD, and AUX). The mode key light for the selected device flashes each time a valid key is pressed. In order to control other devices with your MXv3 Remote Control, you need to tell the remote control what types of devices you have. Sections A and B take you through the steps needed to do this. The volume controls will control your Set Top Box (STB) until the TV device mode is setup. The channel controls will always control your STB. If you want to change this, you should follow the steps in Sections E & F.

To use your MXv3 Remote Control for your other devices, you will need to setup the TV, DVD and AUX mode keys to control the devices (Section A).

Please refer to the code list (on separate sheet) for a list of supported brands and models. If you do not find the brand of your device on the supported code list, please refer to section B for the search function or you may use section C for instructions on the learning feature of your remote control.

If you have an integrated or combo unit such as a TV/DVD, each component of the unit may need to be setup separately by setting up both the TV and DVD mode keys.

NOTE: The DVD and AUX mode keys can be setup with any code. The TV mode key can only be setup with TV codes.

A. Manual Programming

Use the following steps to setup the TV, DVD or AUX mode keys:

1. Power on the device you want to program and locate the 4-digit code from the code list.
2. Press and hold the mode key (TV, DVD, or AUX) and while holding it pressed, press the OK key for one second.
3. Release both keys, all of the mode keys will flash then the selected mode key light will stay lit.
4. Enter the 4-digit code by pressing the numerical keys (0-9). The selected mode key light will blink for each digit entry and will remain off after the entry of the fourth digit - indicating a successful setup.
5. Point the remote control at the selected device and press the power key once. The device should turn off. If the device stayed on, repeat the steps 2 thru 5 trying each code for your brand until you find the correct code.

Repeat the steps on the previous page to setup another device. To use the remote control for your Set Top Box, press the STB mode key.

NOTE: If an invalid code is entered or no key is pressed at all for 30 seconds, the mode key light flashes for 3 seconds and turns off. The remote control returns to normal operation and you will need to start over from step A2 to setup the device.

B. Using the Search Function

To search for a particular device code for DVD or AUX e.g. VCR, use the Manual Programming for section A and program DVD or AUX with any VCR code prior to starting a search.

1. Turn on the device you want to control and point the remote at that device.
2. Press and hold the mode key (TV, DVD, or AUX) and while holding it pressed, press the OK key for one second.
3. Release both keys, all of the mode keys will flash then the selected mode key light will stay lit.
4. Press the power button repetitively until the selected device turns off. Once your device has turned off, press OK to save the code.
5. To indicate a successful setup, the selected mode key will turn off and you are ready to setup another device by following steps 1 thru 4 of this section.

C. Learning

If the code for your device is not found in the code list and the search feature was not able to find the code for your device, then the learning feature may be your best option. The learning feature lets you "learn" functions from your original remote control.

Note: Learning cannot be performed for any mode until after that mode is setup with a valid code. So, to learn the keys, first setup the mode with a valid code, see section A, (select any code for the appropriate mode, from the code list), then follow the steps below.

C-I. Learning Commands

1. Press and hold the mode key (TV, DVD, or AUX) on the MXv3 remote and while holding it pressed, press the LEARN key for one second then release both keys.



Motorola remote

1 inch apart

Your original remote

2. All of the mode keys will flash and then the selected mode key light remains on.
3. On your MXv3 remote, press and release the key that you want to teach.
4. While pointing your original remote at the bottom of your MXv3 remote, approximately 1 inch apart, press and hold the original remote key until the mode key light blinks once and stays on. (If there is a learning problem, the mode key light blinks for three seconds and stays on. If this happens, repeat steps 3 and 4 above.)
5. Repeat steps 3 and 4 on previous page for each key you want your MXv3 Remote Control to learn.
6. Press and release the LEARN key when all desired remote commands have been learned. If you have encountered difficulties with the LEARN key setup, please refer to Section K: Troubleshooting Learning.

NOTE: It is not necessary to have your MXv3 Remote Control learn every key from your original remote since most of the keys will not be used under normal daily use. The best practice is to teach only the keys that help you navigate for the best experience, like your volume up and down, channel up and down, and DVR functions.

D. Clearing Commands

D-I. To Clear all Learned Commands (under a single mode)

1. Press and hold the mode key (TV, DVD, or AUX) and while holding it pressed, press the LEARN key for one second then release both keys.
2. All the mode keys will flash and the selected mode key light will stay on.
3. Press and release the LEARN key once. The mode key light blinks off.
4. Press and release the DELETE key. The mode key light turns off. All learned Commands under that mode are now cleared.

D-II. To Clear all Learned Commands (under ALL modes)

1. Press and hold the mode key (TV, DVD, or AUX) and while holding it pressed, press the LEARN key for one second then release both keys.
2. All the mode keys will flash and the selected mode key light will stay on.
3. Press and release the LEARN key twice. The mode key light blinks off.
4. Press and release the DELETE key. The mode key light turns off.

All learned Commands in the remote are now cleared.

E. Volume Control Setup Options

The volume controls will control your Set Top Box until the TV device mode is programmed, e.g. if DVD mode is selected then volume controls your STB. If TV mode is programmed and DVD mode is selected, then volume controls your TV.

If you'd like the volume commands to operate from just one device, e.g. always TV, then follow the instructions in Section E-I. If you'd like the volume commands to be sent to different devices depending which mode you are in, then follow the instructions in Section E-II.

E-I. Volume Always Controls the Same Device

1. Press the TV key and while holding it pressed, press the OK key for 1 second.
2. Release both keys, all of the mode keys will flash followed by the TV mode key light remaining on.
3. Press and hold the MUTE key for 3 seconds until the TV mode key light briefly turns off then remains on. Press and release the mode key that you always want to operate the volume commands (STB, TV, DVD, and AUX). The selected mode key light will remain on.
4. Press and release the MUTE key to save the setting. The selected mode key light will turn off indicating a successful setup. The volume commands will be setup for the selected device despite what mode is selected. If the selected mode key light flashes for 3 seconds and turns off, then the selected mode will have no volume commands of its own and will need to start over from step 1 above and select a different mode to program the device.

E-II. Volume Control Depends on Device Selected

1. Press and hold the TV key and while holding it pressed, press the OK key for one second.
2. Release both keys, all of the mode keys will flash followed by the TV mode key light remaining on.
3. Press and hold the MUTE key for 3 seconds until the TV mode key light briefly turns off then stays on, then release the MUTE key.
4. Press and release the MUTE key to save the setting. The TV mode key light turns off indicating successful setup. The volume commands will now work for different devices.

NOTE: If a programmed mode key has no volume commands of its own, then the volume control will normally operate the TV. If an invalid key is pressed, the selected mode key light flashes for 3 seconds and turns off. The remote control returns to normal operation and you will need to start over.

If no key is pressed within 30 seconds, the remote control times out, the selected mode key light flashes for 3 seconds and turns off. The remote control returns to normal operation at which time you can start over.

F. Channel Control Setup Options

The channel controls (Channel Up/Down, 0-9 and LAST) will always work your Set Top Box. If you'd like the channel commands to be sent to different devices depending which mode you are in, then follow the instructions in Section F-I.

F-I. Channel Control Depends on Device Selected

1. Press and hold the TV key and while holding it pressed, press the OK key for one second.
2. Release both keys, all of the mode keys flash followed by the TV mode key light remaining on.
3. Press and hold the LAST key for 3 seconds until the TV mode key light briefly turns off then stays on, then release the LAST key.
4. Press and release the LAST key to save the setting. The TV mode key light turns off indicating successful setup. The channel commands will now work for different devices.

F-II. Channel Always Controls your Set Top Box (Factory Default)

1. Press and hold the TV key and while holding it pressed, press the OK key for 1 second.
2. Release both keys, all of the mode keys will flash followed by the TV mode key light remaining on.
3. Press and hold the LAST key for 3 seconds until the TV mode key light briefly turns off then remains on.
4. Press and release the STB mode key. The selected mode key light remains on.
5. Press and release the LAST key to save the setting.

The STB mode key light will turn off indicating a successful initial setup. The channel commands will be setup for your Set Top Box regardless of what mode is selected. If the selected mode key light flashes for 3 seconds and turns off, then you will need to start over from step 1.

G. Mode Deactivation

If you'd like to deactivate a device mode, then follow the instructions below:

1. Press and hold the mode key to be deactivated (TV, DVD, or AUX) and while holding it pressed, press the OK key for one second.
2. Release both keys, all of the mode keys will flash and then the selected mode key light will remain on.
3. Enter the 4-digit code 1754 by pressing the numerical keys (0-9). The selected mode key light will blink for each digit entry and will remain off after the entry of the fourth digit - indicating the mode is deactivated.

Note the STB mode cannot be deactivated.

H. Multiple Device Power Control Setup Options

After pressing the STB key, pressing the Power key turns the Set Top Box on or off, AND turns on or off the TV if it has been setup. If you want the Power key to turn on other devices at the same time you can enable these as follows:

1. Press and hold the STB key and while holding it pressed, press the OK key for 1 second. Then release both keys. You are now in setup mode.
2. Press and release the mode key (TV, DVD or AUX) you want to enable.
3. Press and release the 1 key. The selected mode is now enabled. If no mode key is pressed instead 2 ALL modes (TV, DVD and AUX) will be enabled.

To remove a mode from the Power key:

1. Press and hold the STB key and while holding it pressed, press the OK key for 1 second. Then release both keys. You are now in setup mode.
2. Press and release the mode key (TV, DVD or AUX) you want to disable.
3. Press and release the 0 key. The selected mode is now disabled. If no mode key is pressed in step 2, ALL modes (TV, DVD and AUX) will be disabled.

Note you can turn individual devices on/off by pressing the desired Mode key followed by the Power key. It is important to point your MXv3 remote directly towards the devices for this feature to operate correctly.

I. Backlight Cancellation Feature

Your MXv3 Remote Control has the ability to toggle between turning the backlights on or off. If you wish to use this feature, follow these instructions.

1. Press and hold the TV key and while holding it pressed, press the OK key for one second and release both keys at the same time.
2. All the mode keys flash and the TV mode key light stays on.
3. Press the GUIDE key, all backlights will no longer turn on.

To reverse this process so that the backlights turn on when the remote control is being used, simply follow the same steps of the above section one more time.

J. Resetting the Remote Control to the Factory Default Settings

1. Press and hold the TV key and while holding it pressed, press the OK key for one second and release both keys at the same time.
2. All the mode keys will flash, the TV mode key light will stay on.
3. Press and hold the DELETE key for 3 seconds until the TV mode key blinks and stays off. The remote control is now reset to factory default settings. If you want to use the remote control for your TV and other devices, you will need to setup the TV, DVD and AUX mode keys.
4. If no key is pressed within 30 seconds, the remote control times out. The selected mode key light flashes for 3 seconds and turns off. The remote control returns to normal operation and you will need to start over.

K. Troubleshooting Learning

You can only learn one device type under any one mode key. For example, only learn TV codes under the TV mode, DVD codes under the DVD mode, etc. If you are trying to learn from a "Universal" remote, it might have more than one code type stored under a mode.

- a. No functions may be stored under the LEARN key, or in the STB mode.
- b. Depending on the remote you are trying to learn, some keys may not be learnable.

c. Only one original device type can be learned per individual mode.

d. Use fresh batteries for your original remote, and your MXv3 Remote Control.

e. Keep at least three feet away from incandescent or low-energy lights when learning.

f. Before learning, clear all learned commands (refer to Section D-II) then try learning 2 or 3 commands initially.

g. Point your original remote at the bottom end of your MXv3 Remote Control so the IR elements on both remotes are directly in line with each other (see diagram to the left). You may need to adjust the height of either remote to achieve this.

h. Avoid learning your original remote's Volume/Mute keys unless you are sure these operate the same device.

i. Avoid learning your original remote's VCR or DVD transport keys unless you're sure these operate the same device.

j. If learning the first or second keys for a mode results in continuous errors then try the following:

- i. End the learn session by pressing the LEARN key.
- ii. Clear out the learned commands for that mode.
- iii. Check the IR elements are correctly aligned between the two remotes.
- iv. Adjust the distance between the two remotes to be closer (e.g. half an inch) or further away (e.g. 2 inches) from each other.
- v. Try learning the original remote for that mode again. If problems reoccur with the same key check the original remote key being learned - does it transmit? Does it operate the target device? Try learning that key under a different *clear* mode. If it learns OK then it is likely to be a different code type from the others and cannot be learned under the same mode.

S30

PROGRAMMING YOUR PBTB REMOTE FOR POWER & VOLUME



START WITH TV TURNED ON

CODE SEARCH METHOD

- Power **1** on the TV and point the remote control at the TV set
- Press and hold the OK **2** and MENU **3** for three seconds until the power button flashes twice
- Press and release the ON DEMAND **4** button
- Press and hold FF **5** (fast forward) button until the TV shuts off. Release the button immediately
- NOTE: It may take a few minutes for the device to respond
- Test the power to see if it turns TV back on

IF THE VOLUME WORKS, DO THE FOLLOWING STEPS:

LOCK THE VOLUME METHOD

- Press and hold the OK **2** and MENU **3** for three seconds until the power button flashes twice
- Release both keys and press POWER **1**
- Press the ON DEMAND button **4**
- Press the OK **2**

URC62440

REMOTE CONTROL USER'S GUIDE CONTROL REMOTO: GUÍA DEL USUARIO

Getting Started

Primeros Pasos

Controls **PLAYBACK** of live and recorded TV
Controla la **REPRODUCCIÓN** de TV en vivo y grabada

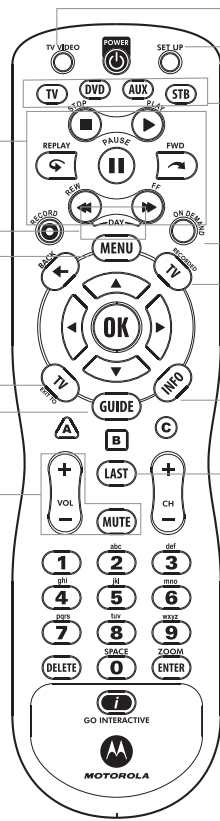
Used in the program guide for **PAGE** and **DAY** navigation
Se utiliza en la guía de programas para navegar por las **PÁGINAS** y los **DÍAS**

Displays main cable **MENU**
Muestra el **MENU** principal para cable

EXITS current menu and returns to current program
SALE del menu en curso y vuelve al programa en curso

Displays program **GUIDE**
Muestra la **GUÍA** de programas

Controls and **MUTES** TV **VOLUME**
Controla y **SILENCIA** EL **VOLÚMEN** DEL TELEVISOR



Used to cycle through video inputs on TV or Audio Receiver
Se utiliza para recorrer las entradas de video ajustadas en el TV o Receptor de Audio

Used to enter remote control **SETUP**
Se utiliza para ingresar la **CONFIGURACIÓN** del control remoto

Controls the device related to whichever mode key was last pressed
Controla el equipo relacionado a la tecla de modo pulsada por última vez

Accesses **ON DEMAND** program library
Accede a la biblioteca de programas **A DEMANDA**

Displays a **LIST** of recorded programs
Muestra una **LISTA** de los programas grabados

Displays **INFO** for currently selected program
Muestra **INFORMACIÓN** sobre el programa seleccionado

Returns to **LAST** channel you were watching
Vuelve al **ÚLTIMO** canal que estuvo mirando

Note/Nota:
Make sure all home theater equipment is **ON** before starting remote control setup.
Asegúrese de que todo el equipo de cine en casa (home theater) esté **ENCENDIDO (ON)** antes de comenzar la configuración del control remoto.

1 Remove battery cover.
Retire la tapa del compartimento de pilas.



2 Insert 2 AA batteries. Match the + and - marks.
Coloque 2 pilas AA. Haga coincidir las marcas "+" y "-".



3 Replace battery cover.
Vuelva a colocar la tapa del compartimento de pilas.



Tip/Consejo:
The Mode Key will blink 5 times with each key-press when batteries need replacement.
La tecla de Modo parpadeará 5 veces con cada pulsación de tecla cuando sea necesario reemplazar las pilas.

Configuración - Método A:

Marcas famosas

1 Press and hold **SETUP** until the mode key blinks twice.
Presione y mantenga presionada la tecla **SETUP** (Configurar) hasta que la tecla de modo parpadee dos veces.

2 Press the mode key for device you wish to setup. The mode key stays lit.
Presione la tecla de modo para el equipo que desee configurar. La tecla de modo permanece encendida.

3 Find your device and brand from the charts below and note the **DIGIT** key assigned to your brand. Press and hold down the **DIGIT** key for your device/brand.
Busque su equipo y marca en las tablas que figuran a continuación y observe el código de **DÍGITO** (Digit) asignado a su marca. Presione y mantenga presionada la tecla **DIGIT** (DÍGITO) que corresponda a su equipo/marca.

4 Let go of the key when your device turns off. Setup for that device is complete.
Suelte la tecla cuando su equipo se apague. La configuración para ese equipo se ha completado.

2 BLINKS = @SUCCESS
1 LONG BLINK = @FAILURE
2 PARPADEOS = CORRECTA
1 PARPADEO LARGO = INCORRECTA



Tip/Consejo:

If your brand does not appear in the brand chart, perform setup using either **DIRECT CODE ENTRY** or **CODE SEARCH**.

Si la marca que utiliza no aparece en la tabla de marcas, realice la configuración utilizando ya sea **ENTRADA DIRECTA DE CÓDIGO** O **BÚSQUEDA DE CÓDIGO**.

DIGIT Número	TV	DIGIT Número	DVD/VCR	DIGIT Número	Audio
1	Insignia / Dynex	1	Insignia / Dynex	1	Bose
2	LG / Zenith	2	LG	2	Denon
3	Mitsubishi	3	Panasonic	3	LG
4	Panasonic	4	Philips / Magnavox	4	Onkyo
5	Philips / Magnavox	5	RCA	5	Panasonic
6	Samsung	6	Samsung	6	Philips
7	Sharp	7	Sharp	7	Pioneer
8	Sony	8	Sony	8	Samsung
9	Toshiba	9	Sylvania	9	Sony
0	Vizio	0	Toshiba	0	Yamaha

Configuración - Método B:

Configuración del Control de TV utilizando Entrada Directa de Código

1 Press the TV mode key.
Presione la tecla de modo TV.



2 Press and hold SETUP until the TV mode key blinks twice.

Presione y mantenga presionada la tecla SET UP (Configurar) hasta que el modo TV parpadee dos veces.



3 Enter the 1st TV code for your TV brand from the code list.

Ingrese el primer código de TV que corresponda a la marca de su TV de la lista de códigos.



4 Press the power button to test TV control. If the TV turns off, setup is complete.

Presione el botón de encendido/apagado para probar el control del Televisor. Si el televisor se apaga, la configuración se ha completado.



5 If the TV does not turn off, repeat the process using the next code for your TV brand.

Si el televisor no se apaga, repita el proceso utilizando el próximo código para la marca de su TV.



Codes: TV



Códigos: TV

Accurian	1803
Action	0873
Admiral	0093, 0463
Advent	0761, 0783, 1933
Aiko	0092
Aiwa	1362
Akai	0812, 1675, 0702, 0765, 0030, 0672, 1207, 1385, 1935, 2232
Akura	1687
Albatron	0843
Alfide	0672
America Action	0180
Anam	0180
AOC	0030, 1365, 1589, 1590, 2014, 2087, 2402, 2479
Amomi	1623
Apex Digital	0748, 0879, 0765, 0767, 0890, 1217, 1992, 2397
Astar	1531, 1738
Audinac	0180
Audivox	1564, 0451, 0180, 0092, 0623, 0802, 0846, 0875, 1284, 1766, 1769, 1803, 1865, 1937, 1951, 1952, 2121
Aventura	0171
Axion	1937
Baysonic	0236, 0463, 0180
Bell & Howell	0154
BentQ	1032, 1315, 1756
BGH	0876, 0898
Blue Sky	1254
Boigle	1696
Bradford	0180
Brilliant	1007
Broksonic	0236, 0463, 1935, 1938
Byd:sign	1309
Candle	0030, 0056
Carnivale	0030
Carver	0054
Casio	1205
CCE	0037, 0623
Celebrity	0000
Celera	0765
Champion	1362
Changhong	0765
Cineral	0451, 0092
Citizen	0451, 0060, 0030, 0092, 0056, 0561, 1672, 1935
Clarion	0180
Coby	1538, 1634, 2306, 2314, 2315, 2338, 2340, 2343, 2344, 2345, 2350, 2560, 3202
Commercial Solutions	1447, 0047
Concerto	0056
Comia	1687
Contec	0180
Continental	2357
Coradir	2844
Craig	0180
Croma	1011
Crosley	0000, 0054
Crown	0180, 0672
Crown Mustang	0672
Curtis	1200, 1326, 2352, 2397, 2466
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 1661, 0056, 1147, 1347, 1959
CXC	0180
Cytron	1326
Daenyx	0180, 0672
Daewoo	0154, 0451, 0092, 1661, 0623, 0661, 0672, 1816
Daytron	0180
Dell	1264, 1080, 1178, 1863
Denon	0145
Diamond Vision	1997
Digitstar	1565
Digital Lifestyles	1765
Disney	1665, 2152
Drean	0037
DSE	1565
Dumont	0017
Durabrand	0463, 0180, 0178, 0171, 1034, 1463, 1665
Dynex	1463, 1785, 1810, 2049, 2184
Electroband	0000
Electrograph	1755, 1623
Electrohome	0463, 1670, 1672
Elektra	0017, 1661
Element	1687, 1886, 2183
Emerson	1864, 0154, 0451, 0236, 0463, 0180, 0178, 0171, 1661, 0623, 1394, 1665, 1886, 1944, 1963, 1997, 1422, 1765
Emprex	0876
Encross	0030, 0813, 1365, 1589, 2014, 2087
Envision	0030, 0813, 1365, 1589, 2014, 2087

Epson	1122
ESA	0812, 0171, 1944, 1963
Firstline	0037
Fisher	0154, 1362
Fluid	2964
Fujimaro	1687
Fujitsu	0809, 0683, 0853
Fujitsu Siemens	0809
Funai	0000, 0180, 0171, 1271, 1904, 1963, 1979
Futuretech	0180
Gateway	1755, 1756
GE	1547, 1447, 0047, 0051, 0451, 0765, 0178, 1347, 1922, 2359
General Electric	0047
GFM	1864, 0171, 1665, 1886, 1963
Gibraltar	0017, 0030
Global Home	1565
Go Video	0886
GoldStar	0178, 0030, 0037, 0056
Gradiente	0053, 0056
Grundig	0037, 0070, 0672, 0683
Grunpy	0180
H & B	1366
Haier	1034, 1748, 1749, 1753, 2293, 2309, 2494, 3204
Hallmark	0178
Hanns.G	1783
Hannsprece	1348, 1745, 1783, 2786
Harley Davidson	1904
Harman/Kardon	0054
Harvard	0180
Havermy	0093
Helios	0865
Hello Kitty	0451
Hewlett Packard	1494, 2540
Himitsu	0180
Hisense	0748, 1314, 1660, 2098, 2355, 2419
Hitachi	1643, 1145, 0145, 0056, 0679, 0797, 1345, 1445, 1904, 2215, 2431, 2433
Hitech	1814
HP	1494, 2540
Hyundai	0849, 1219, 1814
I-lnc	1746
ilo	1463, 1286, 1394, 1603, 1665, 1684, 1990
Infinity	0054
Initial	1603, 1990
Innova	0037
Insignia	1423, 1564, 0463, 0171, 2751, 2432, 2184, 2088, 2049, 2002, 1963, 1892, 1810, 1785, 1660, 1641, 1517, 1385, 1326, 1204
Inteq	0017
IRT	0451, 1661
ITT Nokia	0180
JX	0877
JBL	0054
JCB	0000
JCM	2256
Jensen	0761, 1299, 1326, 1933
JVC	0463, 0053, 0650, 0731, 1253, 1601, 1774, 1923, 2264, 2271
KDS	1687
KEC	0180
Ken Brown	0236, 0463, 1321
Kenia	0030, 0082
Kenwood	0030
Kioto	0054
KLH	0765, 0767
Konka	1385
Kost	1262, 1483
Kreisen	0876
KTV	0180, 0030
LG	1423, 1447, 0017, 1265, 0178, 0030, 2834, 2731, 2424, 2359, 2358, 2182, 1993, 1860, 1859, 1768, 1721, 1325, 1178, 0856, 0056
Lloyd's	1904
Loewe	0000
Luxman	0056
LXI	0047, 0054, 0154, 0156, 0178
Lynx	1565
M&S	0054, 0236
MAG	1687
Magnavox	1454, 1866, 1755, 0054, 0051, 0030, 0171, 2372, 1990, 1963, 1944, 1904, 1867, 1525, 1455, 1365, 1254, 1198, 0802
Marantz	1454, 0054, 0030, 0037, 0704, 0855, 1398, 1714
Matsushita	0250, 0650
Maxent	1755, 0762, 1211, 1714, 1757

Megatron	0178, 0145
Memorex	0154, 0463, 0150, 0178, 0877, 1665, 1670, 1785, 1892, 1924, 1927, 1938
MGA	0150, 0178, 0030
Midland	0047, 0017, 0051
Mintek	1603, 1990
Mitsubishi	1250, 0093, 0150, 0178, 0836, 1797
Monivision	0843
Motorola	0093
MTC	0060, 0030, 0056
Multitech	0180
Mx Onda	1687
NAD	0156, 0178, 0037, 0056, 0866, 1156
Naxa	2104
NEC	0030, 0056, 0704, 0876, 1398, 1704, 1797
Netsat	0037
NetTV	1755, 0762
NEX	1814
Nexus Electronics	2183
Nikko	0178, 0030, 0092
Nimbro	2104
Noblex	0154
Nokia	0180, 0861
Norcent	0748, 0824, 1365, 1589, 1590, 1591, 1745, 2110
Norwood Micro	1286
NTC	0092
Nu-tec	2157
NuVision	2158
Olevia	1610, 1144, 1240, 1331
Onwa	0180
Optimus	0250, 0154, 0166, 0650, 1924, 1927
Optoma	1348
Optonica	0093
Orion	0236, 0463, 1463, 1938
Otic	1687
Packard Bell	0092
Panasonic	1480, 0250, 0051, 0650, 1271, 1291, 1345, 1924, 1927, 1941, 1946, 1947, 2240, 2264
Panavox	0861
PARK	2104
Penney	0047, 0156, 0051, 0060, 0178, 0030, 1347
Petters	1523
Philco	0054, 0451, 0463, 0030, 0145, 0171, 0092, 1661, 0082, 1271, 1394, 1665, 1963
Philips	1454, 1866, 0054, 0171, 0037, 0690, 1394, 1455, 1483, 1744, 1806, 1867, 1961, 2372, 2374, 2564
Pilot	0030
Pioneer	1457, 0166, 0679, 0866, 1260, 1398, 2240
Planar	1288, 1589
Polaroid	1523, 0765, 2425, 2121, 2117, 2063, 2002, 1992, 1769, 1767, 1766, 1763, 1762, 1687, 1565, 1538, 1385, 1341, 1327, 1326, 1316, 1314, 1286, 1276, 1262, 0865
Portland	0451, 0092, 1661
Precision	1792
Prima	0761, 0783, 1749, 1753, 1785, 1933
Prism	0051
Proscan	1447, 0047, 0030, 1347, 1922, 2147, 2183, 2256
Proton	0178
Proview	1687
Pulsar	0017
Punktal	2687
Pye	0412
Pyle	1200
Quasar	0250, 0051, 0650, 1291, 1924, 1927
RadioShack	0047, 0154, 0180, 0178, 0030, 0056, 1904
RCA	1547, 1447, 0047, 0051, 0093, 0060, 1661, 2932, 2746, 2434, 2247, 2187, 2002, 1959, 1958, 1953, 1922, 1781, 1347, 1147, 0679
Realistic	0154, 0180, 0178, 0030, 0056
RevolutionHD	1623
Runco	0017, 0030, 1398
Sampo	1755, 0030, 0762
Samsung	0812, 0060, 0702, 0178, 0030, 2814, 2697, 2596, 2137, 2103, 2051, 1959, 1060, 0814, 0766, 0650, 0056, 0037
Sansai	0451, 0092
Sansui	0463, 0171, 1463, 1409, 1670, 1892, 1904, 1935, 1938
Sanvo	0054, 0154, 1142, 1362
Sceptre	0878, 1217, 1360, 1599, 2337, 2506

Scotch	0178
Scott	0236, 0180, 0178, 1711
Scott	0047, 0054, 0154, 0156, 0178, 0171, 0056, 1007, 1904
Sears	0156, 1356, 1743
Semivox	0236, 0463, 0180
Semp	0156, 1356, 1743
Sense	1865
Serie Dorada	0156, 0180, 0178, 0030, 0056
Sharp	0818, 0093, 1459, 1602, 1659, 2360, 2402, 2495
Sheng Chia	0093
Sherwood	1399
Siam	0037
Signature	0054
Signet	1262
SKY	0037
Skyworth	1799
Sole	1366, 1483, 1623, 2075
Sony	0810, 0000, 1685, 1825, 1904, 1925, 2736
Soundesign	0180, 0178
Sova	1952
Soyo	1746, 1824
Space Tek	1696
Spectroniq	1687
Squareview	0171
SSS	0180
Starlite	0180
Studio Experience	0843
SunBriteTV	1420, 2337
Superscan	1293, 0864, 1944
Supersonic	1753, 2104, 3204
Supreme	0000
SVA	0748, 0865, 1963
Sylvania	1864, 0054, 0030, 0171, 1271, 1314, 1394, 1665, 1886, 1944, 1963
Symphonic	0180, 0171, 1394, 1904, 1944
Syntax	1610, 1144, 1240, 1331
Tahoci	0561
Talent	0178
Tandy	0093
Tatunq	1286, 1288, 1361, 1756, 2496
TCL	2414, 2434, 3183
Technics	0250, 0051
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0092, 0056
Telefunken	0702, 0056
Thomas	1904
TMK	0178, 0056
TNCI	0017
Tophouse	0180, 0672, 1385
Toshiba	1524, 0154, 0156, 1256, 0093, 1265, 0060, 2724, 2006, 1959, 1945, 1936, 1935, 1743, 1704, 1656, 1356, 1343, 1325, 1156, 0822, 0650
TruTech	1665, 1723, 2066
TVS	0463
US Logic	1286
Vector Research	0030
Venturer	1865
VEOS	1007
Victor	0053
Vidikron	0054, 1398
Vidtech	0178
Viewsonic	1755, 1564, 0797, 0857, 0864, 0885, 1330, 1365, 1578, 1627, 1640, 1742, 2014, 2049, 2087, 2277
Viore	1207, 1684, 1811, 2104, 2352, 3118
Visart	1336
Vizio	1758, 0864, 0885, 1756, 2512, 2757
Wards	0000, 0047, 0054, 0017, 0154, 0156, 0051, 0180, 0060, 0178, 0030, 0056, 0866, 1147, 1156, 1347, 0156
Waycon	0156
Westinghouse	1712, 0451, 0885, 0889, 0890, 1217, 1282, 1300, 1577, 2195, 2293, 2499
White Westinghouse	0463, 1661, 0623
Winco	0412
Wyse	1365
Xion	1792
Yamaha	0030, 0797
Zenith	0000, 1423, 0047, 0017, 0463, 1265, 0178, 0030, 1145, 0145, 0092, 1661, 1325, 1365, 0037, 1721, 1859, 1904, 2358

Setup Method C:

Setup DVD and AUDIO using Direct Code Entry

Configuración – Método C:

Configuración de DVD y AUDIO utilizando Entrada Directa de Código

1 Press the mode key for the device you wish to set up.
Presione la tecla de modo para el equipo que desee configurar.



2 Press and hold SETUP until the mode key blinks twice.
Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.



3 Enter the 1st code for your brand from the code list.
Ingrese el primer código que corresponda a su marca de la lista de códigos.



the device turns off,

4 Press the power key to test with your equipment. If the device turns off, setup is complete.
Presione la tecla de encendido/apagado para probar con su equipo. Si el equipo se apaga, la configuración se ha completado.



5 If the device does not turn off, then repeat SETUP METHOD C using the next code for your brand.

Si el equipo no se apaga, repita el MÉTODO DE CONFIGURACIÓN C utilizando el próximo código que corresponda a su marca.



Setup Method D:

Code Search

Configuración – Método D:

Búsqueda de Códigos

1 Press and hold SETUP until the mode key blinks twice.
Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.



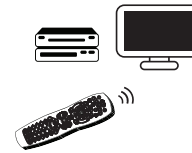
2 Press the mode key for the device you wish to setup. The mode key stays lit.
Presione la tecla de modo para el equipo que desee configurar. La tecla de modo permanece encendida.



3 Press and hold down the OK/SELECT key.
Presione y mantenga presionada la tecla OK/SELECT (Aceptar/Seleccionar).



4 Let go of the OK/SELECT key when your device turns off.
Suelte la tecla OK/SELECT (Aceptar/Seleccionar) cuando su equipo se apague.



Setup Method E:

Setting Volume Controls

Configuración – Método E:

Configuración de los Controles de Volumen

1 Press and hold SETUP until the mode key blinks twice.
Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.



2 Press VOLUME + key.
Presione la tecla VOLUME + (Aumentar volumen).



3 Press the mode key that corresponds to the device you use for volume controls.
Presione la tecla de modo que corresponda al equipo que está utilizando para controles de volumen.



Setup Method F:

Locking Input Switch To One Device

Configuración – Método F:

Bloqueo del control de entrada con ajuste a un equipo

1 Press and hold SETUP until the mode key blinks twice.
Presione y mantenga presionada la tecla SETUP (Configurar) hasta que la tecla de modo parpadee dos veces.



2 Press the INPUT key.
Presione la tecla INPUT (Entrada).



3 Press the mode key that corresponds with the device you use for changing audio/video inputs.
Presione la tecla de modo que corresponda al equipo que está utilizando para cambio de entradas audio/video.



Codes: Blu-ray

Denon	2258, 2748
Harman/Kardon	2927, 3228
Insignia	0675, 2428, 2596
Integra	2147
JVC	2365, 2855
Lexicon	2545

LG	0741, 1602
Magnavox	0675
Marantz	2414
Memorex	2331
Olevia	2331
Onkyo	2147



Códigos : Blu-ray

Oppo	2545
Parasonic	1641
Philips	2084, 2434
Pioneer	0142, 2442, 2854
Samsung	0199
Sharp	2250

Sony	1516
Sylvania	0675
Toshiba	2705, 3157
Viore	2553
Vizio	2563
Yamaha	2298

RESOLUCIÓN DE PROBLEMAS

- Problem:** Mode key does not blink when a key is pressed.
Solution: Replace batteries.
- Problem:** Mode key blinks, but remote does not control my equipment.
Solution: Press correct mode key and point remote at equipment you need to control.
- Problem:** Tried all codes for my brand of device and none work.
Solution: Try CODE SEARCH (METHOD D) method.
- Problem:** I want to switch VOLUME LOCK from AUX to TV control.
Solution: Follow Setup Method E, but press the TV mode key instead of AUX mode key.

- Problema:** La tecla de modo no parpadea al presionar una tecla.
Solución: Reemplace las pilas.
- Problema:** La tecla de modo parpadea, pero el control remoto no controla mi equipo.
Solución: Presione la tecla de modo correcta y apunte el control remoto al equipo que necesita controlar.
- Problema:** Probé con todos los códigos que corresponden a mi marca de equipo y ninguno funciona.
Solución: Intente con el método BÚSQUEDA DE CÓDIGOS (MÉTODO D).
- Problema:** Deseo cambiar el BLOQUEO DE VOLUMEN pasando de control de AUDIO a control de TV.
Solución: Siga el Método E, pero presione la tecla de modo TV en lugar de la tecla de modo AUDIO.



Tip/Consejo:

Write the working code here for future use.
Escriba el código de funcionamiento aquí para una referencia futura.

TV code	Código de TV
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Audio code	Código de Audio
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

DVD code	Código de DVD
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Codes: Audio

Códigos: Audio

Aiwa	1405, 0189, 1388, 1641
Alco	1390
Altec Lansing	2720
AMC	1077
Anam	1609
Apex Digital	1257, 1430, 1774
Apple	1115
Arcam	1189, 0189
Audioltronic	1189
Audiovox	1390
Bose	1629, 1933
Carver	1189, 0189
Coby	1389, 2127
Curtis	1389
Daewoo	1250
Denon	2706, 2857, 1360, 1460, 2747, 2279, 2516, 2820, 2987, 3001, 2502
Dynex	2971
Fisher	1801
Gateway	1517
Harman/Kardon	0892, 3045, 0110, 0189, 1304, 1306, 2241, 2443

Hitachi	1801
HiFiPlus	2483
Home	2435
iLive	2013
Insignia	1030, 1077, 1751, 1893, 2126, 2169, 2175, 2472, 2929, 2966
Integra	1298, 1320, 1805
iSymphony	2442
JBL	0110, 1306, 2241
JVC	1374, 1495, 1871, 2040, 2239, 2331, 2969
Kenwood	1313, 1569
KLH	1390, 1428
Koss	1366, 1497
Left Coast	0892
LG	1293, 2197, 2284, 2676
Linn	0189
Liquid Video	1497
Magnavox	1189, 1269, 0189, 1514, 1831
Marantz	0892, 1892, 1189, 1269, 0189, 1289, 2114
McIntosh	1289
Micromega	1189

Myryad	1189
Nakamichi	1313
NexTech	1751
Norcent	1389, 1751
Nova	1389
Onkyo	0842, 1298, 1320, 1531, 1805
Optimus	1023
Oritron	1366, 1497
Panasonic	1308, 1518, 1275, 1288, 1316, 1548, 1633, 1763, 1764, 2105, 2221, 2452, 2967
Philco	1390
Philips	0892, 1189, 1269, 0189, 1831, 2311, 2459
Pioneer	1023, 1384, 1935
Polk Audio	0892, 0189, 1289, 2270
Proscan	1254
RCA	1023, 1609, 1254, 1390, 1511, 2041, 2426, 2485, 2490, 2611
Rio	1869
Samsung	1295, 1304, 1500, 1868, 2609
Sansui	0189
Sanyo	1801



Sharp	3097
Sherwood	1077, 1517, 1905, 2169
Sherwood Newcastle	2169
Sonic Blue	1869
Sony	1759, 1058, 1441, 1258, 1622, 1558, 1658, 1758, 1822, 1858, 2172, 2227, 2475, 2522, 2610
Stereophonics	1023
Sunfire	1313
Tec	1390, 1528
Technics	1308, 1518, 1633
Thorens	1189
Toshiba	1788
Venturer	1390
Vizio	1517, 2454, 2695
Vtrek	2426, 2483
Wards	0189
Yamaha	2592, 0176, 0376, 1176, 1276, 1375, 1376, 1476, 1815, 2061, 2455, 2467, 2608, 3030, 1797, 2021, 2458
Zenith	1293, 2197

Codes: DVD

Códigos: DVD

ABS	1972
Accurian	0675, 0000
Admiral	0048
Adventure	0000
Aiko	0278
Aiwa	0641, 0037, 0000
Akai	0675, 0695, 0000
Alco	0790
Alienware	1972
Allegro	0869, 0039
America Action	0278
American High	0035
Amoisonic	0764
AMTC	1630
Apex Digital	0672, 0717, 0755, 0796, 1020, 1056, 1061
Asahi	2615
Asha	0240
Astar	1463
Astry	1513
Audio Authority	2555
Audiovox	0717, 0790, 0037, 0278
Beaumarck	0240
Bel Canto Design	1571
Bell & Howell	0104
Blaupunkt	017
Blue Parade	0571
Blue Sky	2623
Broksonic	0695, 0184
California Audio Labs	0490
Calix	0037
Cambridge Soundworks	0690
Canon	0035
Carver	0081
CCE	0278
Cinea	0831
Cineral	0278
CineVision	0869
Citizen	0695, 2116, 0037, 0278
Coby	1107, 2494
Contel	2331
Contex	2066
Craig	0831, 0037, 0047, 0240
Crosley	0081, 0000
Curtis Mathes	1087, 0060, 0035, 0162, 0240, 0278
CyberHome	0816
Cybernex	0240
CyberPower	1972
Daewoo	0705, 0869, 1172, 0045, 0278
Datsun	1233
Dell	1972
Denon	0490, 0634, 1634, 2258, 2748, 0042
DiracTV	0037
Disney	0675, 1270, 2318
Durabrand	2066, 0039
Dynatech	0000
Dynex	2596
Emax	0330
Electrohome	2116, 0037, 0043
Electrohome	0037
Emerex	0032
Emerson	0591, 0675, 2213, 0037, 0184, 0000, 0043, 0278, 1593
Enterprise	0591
F&D	2533

Fisher	0670, 0047, 0104
Fuji	0035, 0033
Funai	0675, 0000, 1593
Garrard	0000
Gateway	1077, 1158, 1972
GE	0522, 0717, 0060, 0035, 0240
General Electric	0717
GFM	0675, 1593
Global Home	2123
Go Video	0744, 0741, 0783, 0869, 1075, 1158, 0240, 0614
GoldStar	0741, 0869, 0037
Gradiente	0651, 0000
Greenhill	0717
Grundig	0539, 0705
Harley Davidson	0000
Harman/Kardon	0582, 0702, 1229, 2927, 3228, 0081
Headquarter	0046
Helios	2192
Hello Kitty	0831
Hewlett Packard	1972
Hi-Q	0047
Hitachi	0573, 0664, 0695, 0000, 0042
Hitek	0672
Howard Computers	1972
iP	1972
Hughes Network Systems	0042
Hurmax	1588, 0739
Hush	1972
Jyundai	1451
iBUPOWER	1972
Ilo	1348
Initial	0717
Insignia	0675, 0741, 2095, 2428, 2596
Instant Replay	0035
Integra	0571, 1769, 0627, 1634, 2147
Irradio	0646
IRT	0783, 1654
JBL	0702
JVC	0558, 0623, 1164, 1275, 1550, 1602, 2365, 2855, 0067
Kawasaki	0790
KEC	0037, 0278
Kenwood	0490, 0534, 0067
KLH	0717, 0790, 1020
Kodak	0035, 0037
Kos	0651
Lasonic	0798
Lexicon	2545
LG	0591, 0741, 0869, 1602, 2135, 0037
Linksys	1972
LiteOn	1158
Lloyd's	0000
Logitech	2639
LXI	0037
Magnasonic	0651
Magnavox	0503, 0539, 0646, 0675, 1354, 1506, 0035, 0039, 0081, 0000, 1593
Magnin	0240
Marantz	0539, 2414, 0035, 0081
Marta	0037
Matsushita	0035, 0162
Media Center PC	1972
MEI	0035
Memorex	0695, 0831, 1270, 2213, 2331, 3153, 0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0046
MGA	0240, 0043
MGN Technology	0240

Microsoft	0522, 2083, 1972
Mind	1972
Minolta	0042
Mintek	0717
Mitsubishi	1521, 0067, 0043
Motorola	0035, 0048
MTC	0240, 0000
Multitech	0000
NAD	0741
NEC	0104, 0067
Nesa	0717
Nikko	0037
Niveus Media	1972
Noblex	1233, 0240
Norcent	1107, 1461
Northgate	1972
Olevia	2331
Olympus	0035
Onkyo	0035, 1769, 0627, 1627, 2147, 2215
Oppo	0575, 2185, 2545
Optimus	1062, 0162, 0037, 0048, 0104
Orion	0695, 0184
Oritron	0651
Panasonic	0490, 0503, 0703, 1579, 1641, 1062, 0035, 0162, 0614, 0616
Penney	0035, 0037, 0240, 0042
Pentax	0042
Philco	0675, 0690, 0733, 0790, 0862, 0035
Philips	0503, 0539, 2056, 2084, 0646, 0675, 1158, 1340, 1354, 1506, 2434, 0739, 0035, 0081, 0618
Pilot	0037
Pioneer	0571, 0142, 0631, 1512, 1571, 2442, 2854, 0067
Polaroid	1020, 1061
Polk Audio	0539, 0081
Portland	0278
Presidian	0675, 1593
Proceed	0672
Protron	0240
Proline	2616
Proscan	0522, 0060
Protron	1461
Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162
Questar	0651
RadioShack	0000
Radix	0037
Randex	0037
Ranser	3154
RCA	0522, 0571, 1769, 0717, 0790, 0822, 2213, 2587, 0060, 0035, 0240, 0042
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
RE-BL	2555
ReplayTV	0614, 0616
Ricavision	1972
Rio	0869
Rotel	0623
Royal	0590
Runco	0039
Samsung	0490, 0573, 0744, 0199, 0820, 1075, 1470, 2069, 2329, 2369, 2489, 2556, 0240, 0045
Sanky	0048, 0039
Sansui	0695, 0000, 0067



Sanyo	0670, 0695, 2123, 0047, 0240, 0104, 0046
Sceptre	0104
Schneider	0646
Scott	0184, 0045, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semivox	0045
Semp	0503, 0045
Sensory Science	1158
Sharp	0630, 0675, 1256, 2250, 0048
Sherwood	1027
Sherwood Newcastle	1077
Shinonic	0533
Shogun	0240
Signature	0035
Silver	1228
Sonic Blue	0869, 0614, 0616
Sony	0869, 0533, 0864, 0772, 0862, 1033, 1070, 1431, 1516, 0032, 0035, 0033, 0000, 0636, 1972
Stack 9	1972
STS	0042
Sylvania	0630, 0675, 0035, 0081, 0000, 0043, 1593
Symphonic	0675, 0000, 1593
Systimax	1027
Tagar Systems	1972
Tashiko	0037
TCL	2587
Teac	0790, 0000
Technics	0490, 0703, 0035, 0162
Teknika	0035, 0037, 0000
Thomson	0571
Tivo	1503, 1512, 0739, 0618, 0636
TKM	0240
Toshiba	0503, 1769, 0695, 1154, 1503, 1510, 1588, 1608, 2006, 2277, 2705, 3157, 0045, 0043, 1972
Totevision	0037, 0240
Touch	1972
TYT	0705
Unitech	0240
Urban Concepts	0503
V	1064
Vector	0045
Venturer	0790
Video Concepts	0045
Videomagic	0037
Videosonic	0240
Viewsonic	1972
Villain	0000
Viore	2553
Vizio	1064, 2563
Voodoo	1972
Vox	1630
Vtrek	2587
Wards	0060, 0035, 0048, 0039, 0047, 0081, 0033, 0240, 0045, 0000, 0042, 0046
WB Electronics	2555
Xbox	0522, 2083
XE-1000	0037, 0000
X-View	1233
Yamaha	0490, 0539, 0646, 0545, 0497, 0817, 1354, 2298
Zenith	0503, 0591, 0741, 0869, 0037, 0039, 0033, 0000
ZT Group	1972

ADB

PROGRAMMING YOUR PBTV REMOTE FOR POWER & VOLUME

START WITH TV TURNED ON

CODE SEARCH METHOD

- The following steps need to be done in quick succession.
- Press and release the TV **1** button.
- Press and hold the RCU SETUP **2** until the TV button blinks twice.
- Enter in **9-9-1**.
- Press and release the CH+ or CH- **4** until the TV shuts off. When you are doing the CH+ or CH-, you must do it slow enough to react when your TV shuts off. Be patient, you may have to hit CH+ or CH- up to 300 times.
- Press the RCU SETUP **2** button to store the code for the TV. The TV button will blink twice. The remote is now ready to operate the TV.
- Test the power and volume

LOCK POWER BUTTON FOR TV

- The following steps need to be done in quick succession.
- Press the STB **6** button.
- Press and hold the RCU SETUP **2** until the LED button blinks twice.
- Enter in **9-9-5**.
- Press the POWER **3** button.
- Press the TV **1** button.
- Press and hold the RCU SETUP **2** until the TV **1** button blinks twice. Nothing happens to the TV during this process.
- Press the TV **1** button.
- Press the STB **6** button.

BOTH STEPS NEED TO BE DONE WITH NEW REMOTES



