

**Programming the TV PWR Key**

1. Turn on the device (TV or audio device).
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the TiVo and TV PWR keys for three seconds. The feedback LED will turn on and stay on.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the remote at your TV or audio device and press the TV PWR key to see if it responds.
6. If the device does not turn off, repeat steps 2-5 using the next code listed for your brand.
7. For a TV, point the RCU at the TV and press the INPUT, VOL and MUTE keys.
8. If the TV Input or volume does not change, repeat steps 2-7, selecting the next code listed for your brand.
9. When the TV responds to keypresses as expected, setup is complete.

**Programming the INPUT Key**

1. Turn on the device (TV or audio device).
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the TiVo and INPUT keys for three seconds until the feedback LED stays lit.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the remote at the device and press the Input key.
6. If the TV does not display the name of a signal source, repeat steps 2-5, selecting the next code listed for your brand.

**Programming the VOL and MUTE Keys**

1. Turn on the TV or audio device.
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the TiVo and Mute keys for three seconds. The feedback LED will turn on and stay on.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the RCU at the device and test each of the VOL keys.
6. If the volume does not increase, decrease and mute, repeat steps 2-5, selecting the next code listed for your brand.
7. If the volume controls all functions as expected, setup is complete.

**Setup Codes For Audio - Amplifier (A)**

Anthem	2254, 2252
Anthem Statement	2254, 2252
Arcam	2006
Cambridge Audio	2212
Carver	2000
Classé	2009, 2010, 2015
Clatronic	2015
Denon	2014, 2215, 2012
Durabrand	2005
Emotiva	2008, 2019, 2020, 2021, 2022
Halcro	2011
Harman/Kardon	2002, 2016
Left Coast	2002
Left Coast Products	2002
Lexicon	2004
Linn	2000
Magnavox	2000
Marantz	2013, 2000, 2002, 2007
Memorex	2005
NAD	2003
New Acoustic Dim.	2003
NuForce	2018
Onkyo	2256
Optimus	2001
Parasound	2011
PeachtreeAudio	2214
Philips	2000, 2002
Pioneer	2001
Polk Audio	2253, 2000, 2002
RCA	2001
Regent	2005
Rotel	2255
Sony	2017
Yamaha	2213, 2216

**Setup Codes For Audio - Accessory (M)**

Acoustic Audio	2236, 2265
Altec Lansing	2023, 2262, 2035
Apex Digital	2231
Audio Solutions	2051
Audioengine	2229
AudioSource	2059
Aura	2227
B & W	2073, 2029, 2069
BÖHM	2226
Bose	2228, 2058, 2057, 2259
Boston Acoustics	2055
Bowers & Wilkins	2073, 2029, 2069
Coby	2219
Curtis	2068
Definitive Technology	2232, 2053, 2220
Denon	2032, 2078, 2079
Durabrand	2024
Dynavox	2041
Dynex	2070
Endave Audio	2263
Energy	2066
Energy Sistem	2066
Focal	2077
Haier	2047
Harman/Kardon	2062, 2048

iLive	2039
Inkel	2260
Insignia	2070
Integra	2076
Jamo	2066
JBL	2062, 2050
JVC	2036
Klipsch	2066, 2267, 2223, 2224
Lennox	2024
LG	2040, 2221
Logitech	2217
Magnavox	2042
Martin Logan	2049, 2225
Monoprice	2233
Onkyo	2075, 2076, 2044
Orbitsound	2261
Panasonic	2043, 2045, 2063
Paradigm	2234, 2049, 2235, 2264
Philips	2072, 2042, 2034
Pinnacle Speakers	2064, 2060
Pioneer	2071
Polk Audio	2046
Proficient	2054
Pyle	2230
RCA	2074, 2257
Samsung	2033
Sanyo	2222
Scandyna	2028
Sharp	2061, 2037
Sherwood	2258, 2260
Sonos	2067
Sony	2056, 2218
SpeakerCraft	2054
Toshiba	2052
TruAudio	2266
VIZIO	2030
Yamaha	2031, 2025, 2038
ZVOX	2026, 2065, 2027

**Setup Codes For Audio - Receiver (R)**

Adcom	2089
Aiwa	2082, 2120, 2084, 2086
Alco	2107
Altec Lansing	2164
AMC	2092
Anam	2116
Apex Digital	2125, 2096, 2109
Arcam	2094, 2086
Audiotronic	2094
Audiovox	2107, 2181
Axess	2248
Axiim	2280
Bose	2133, 2118, 2209
Cambridge Audio	2277
Carver	2086, 2127, 2082, 2094
Coby	2170, 2168, 2190
Craig	2279, 2250
Denon	2173, 2104, 2205, 2160, 2273, 2147, 2110, 2172, 2274, 2093
Durabrand	2186
Dynex	2179

Emotiva	2207, 2251
Epworth	2082, 2120, 2084, 2086
Fisher	2127
Garrard	2088
Gateway	2114, 2113
GE	2195
General Electric	2195
GPX	2189
Harman/Kardon	2145, 2081, 2198, 2199, 2086
Hitachi	2127
Inkel	2183, 2276
Insignia	2143, 2091, 2157, 2123, 2271, 2174, 2177, 2188, 2276, 2278, 2092, 2162, 2163
Integra	2128, 2269, 2083
JBL	2145, 2198, 2081
JVC	2122, 2080, 2105, 2150, 2111, 2175
Kenwood	2115, 2121, 2102, 2101
KLH	2107
Klipsch	2182
Koss	2112
LG	2167, 2144, 2148, 2101, 2131, 2151, 2202
Linn	2086
Liquid Video	2112
Logitech	2153
Magnavox	2086, 2129, 2094, 2187
Marantz	2100, 2086, 2247, 2140, 2094, 2238, 2129, 2200, 2249, 2205
McIntosh	2100
Micromega	2094
Myryad	2094
NAD	2268
Nakamichi	2102
New Acoustic Dim.	2268
NexTech	2123
Norcent	2123
Onkyo	2128, 2083, 2269
Optimus	2090, 2127
Oritron	2112
Outlaw	2270, 2210
Panasonic	2178, 2119, 2204, 2169, 2211, 2196, 2139, 2203, 2161, 2185, 2244, 2180, 2122
Philco	2107, 2129
Philips	2154, 2149, 2272, 2086, 2129, 2097, 2241, 2094, 2191
Pioneer	2134, 2106, 2090
Polk Audio	2100, 2086, 2146
Primare	2242
Proscan	2095
Pyle	2246
RCA	2195, 2137, 2165, 2107, 2095, 2193, 2116, 2152, 2192, 2194, 2090, 2127, 2181
Rio	2131
Samsung	2130, 2171, 2176, 2141
Sansui	2086
Sanyo	2127
Sharp	2208

Sherbourn	2207
Sherwood	2092, 2114, 2183, 2132, 2113, 2135, 2276, 2278
Sherwood Newcastle	2114
Sonic Blue	2131
Sony	2117, 2124, 2142, 2158, 2184, 2084, 2166, 2206, 2201, 2239
Stereophonics	2090
Sunfire	2159, 2102
Teac	2088, 2107, 2098
Technics	2119
Thorens	2094
Toshiba	2126
Venturer	2107, 2181
Victor	2080
Wards	2084, 2086
Yamaha	2155, 2085, 2245, 2099, 2138, 2087, 2197, 2243, 2275, 2108, 2103, 2136, 2156
Zenith	2101, 2144, 2131, 2148

**Setup Codes For Television (T)**

3M	1019
888	1360
Accurian	1174
Acer	1083, 1357, 1359, 1378
ad notam	1385
Admiral	1012
Advent	1022, 1005, 1030, 1120
Affinity	1330, 1311, 1329
Afron	1050
Aiwa	1089
Akai	1145, 1016, 1149, 1061, 1081, 1093, 1150, 1189, 1223, 1023
America Action	1008
Anam	1008
Anhua	1008
AOC	1124, 1090, 1204, 1210, 1243, 1262, 1125, 1328
Aomni	1131
Apex Digital	1242, 1023, 1021, 1062, 1199, 1049
Ario	1242
Astar	1155, 1114
Asus	1297
Atvio	1318, 1323, 1050, 1317, 1320
Atyme	1271
Audiovox	1180, 1118, 1193, 1182, 1244, 1039, 1068, 1008, 1029, 1167, 1170, 1190, 1283, 1011, 1174, 1254
Aumark	1002
Auria	1204, 1413, 1210
Aventura	1007
Avera	1242, 1206
Avol	1299, 1269, 1285
Awá	1250
Axess	1313
Axion	1190, 1194, 1206
B & O	1130
Bang & Olufsen	1130
Bell & Howell	1089

BenQ	1308, 1078, 1117, 1052, 1412, 1327
Blu:sens	1269
Blue Light	1321
Bosch	1282
Boxlight	1019, 1020, 1026
Bradford	1008
Brilliant	1051
Broksonic	1012, 1189, 1185, 1184, 1191
Byds:sign	1076
Calypso	1413
Canon	1137
Casio	1280, 1060
Celera	1023
Champion	1089
Changhong	1023
Cinego	1197
Cineon	1344
Citizen	1141, 1143, 1144, 1002, 1189
Clarion	1008
Clarix	1333
Coby	1305, 1229, 1226, 1235, 1228, 1236, 1133, 1233, 1231, 1234, 1316, 1115, 1237, 1238, 1307, 1205, 1259, 1319
Commercial Solutions	1103
Contec	1008
Contex	1355
Cornea	1326
Craig	1008, 1302
Crosley	1014
Crown	1008
Curtis	1276, 1311, 1249, 1337, 1239, 1242, 1343, 1353, 1199, 1317, 1080, 1077, 1258, 1289, 1292, 1299, 1314, 1330
Curtis Mathes	1002, 1011, 1016, 1140, 1105, 1086, 1089, 1136, 1195, 1252
CXC	1008
Cytron	1080
Daewoo	1140, 1014, 1011, 1089, 1264
Daytek	1404
Dell	1097, 1066, 1054
Denon	1136
Diamond Vision	1200, 1201
Digitstar	1119
Digital Lifestyles	1166
Digital Projection Inc.	1160
Digitrex	1363
Disney	1184, 1094, 1293, 1201
Dream Vision	1074
Dukane	1019, 1020, 1095, 1105
Dumont	1000
Durabrand	1012, 1007, 1094, 1120, 1008, 1053
Dynex	1206, 1012
Eiki	1248, 1137, 1261, 1412, 1026
Electric Mirror	1373
Electrograph	1131, 1161

Electrohome	1012, 1144, 1120, 1142
Electron	1249, 1276
Elektra	1000, 1140
Element	1309, 1148, 1219, 1279, 1340, 1183, 1397, 1224
Elite	1335, 1105
ELMO	1137
Emerson	1179, 1094, 1012, 1007, 1196, 1008, 1186, 1183, 1315, 1185, 1140, 1219, 1272, 1011, 1201, 1089, 1309
Emprex	1101, 1166
Encross	1106
Envision	1124, 1090, 1210, 1033, 1204, 1262
Epson	1331, 1071, 1092, 1036, 1055, 1256
Epworth	1089
EQD	1204, 1210
EQD Auria	1204, 1210
ESA	1016, 1007, 1094, 1196, 1186
eTec	1242
Faroudja	1074
Favi	1299
Fisher	1089
Fluid	1279, 1340
Fujitsu	1042, 1031, 1015
Funai	1179, 1007, 1094, 1008, 1186, 1196
Furion	1296, 1356
Futuretech	1008
Gateway	1161, 1162
GE	1011, 1103, 1086, 1001, 1023
General Electric	1011, 1103, 1086, 1001, 1023
GFM	1007, 1094, 1196, 1183, 1179, 1180
Gibraltar	1000
Go Video	1176, 1093, 1177, 1002
GPX	1349, 1348, 1267, 1300, 1365, 1273
Grundig	1015
Grumpy	1008
Haier	1227, 1159, 1387, 1299, 1225, 1025, 1382, 1251, 1053, 1264, 1120, 1239, 1291
Hannspree	1087, 1157
Harvard	1008
Helios	1044
Hello Kitty	1011, 1272
Hewlett Packard	1135, 1286
Hidear	1334
Hightong	1210, 1175, 1173
Himitsu	1008
Hisense	1219, 1410, 1399, 1139, 1211, 1077, 1021, 1387, 1299
Hitachi	1136, 1019, 1027, 1085, 1121, 1387, 1299, 1105, 1394
Hiteker	1285
HP	1135, 1286
Hyundai	1301, 1041, 1063, 1072, 1410
I-Inc	1158
iLo	1094, 1146, 1198, 1128, 1012, 1070

InFocus	1306, 1409, 1020, 1026, 1222
Initial	1198, 1128
Insignia	1206, 1134, 1118, 1080, 1184, 1202, 1059, 1102, 1110, 1007, 1012, 1093, 1139, 1196, 1245, 1372
Inteq	1000
iRIS	1220
iSymphony	1299, 1285, 1284
IX	1046
JC Penney	1002, 1086, 1001, 1006
JCM	1220, 1224
Jensen	1080, 1291, 1005, 1022, 1030, 1255
JVC	1171, 1230, 1215, 1120, 1142, 1013, 1015, 1012, 1184
jWin	1299
KC	1362
KDS	1148
KEC	1008
Kenmore	1309
Kingston	1295
KLH	1023
Knoll Systems	1306
Kolin	1064
Konka	1093
Kost	1108
Kreisen	1106
KTV	1008
Lasonic	1290
LeEco	1380, 1383
Legend	1242, 1239, 1159, 1227
Lexus	1318, 1320, 1323
LG	1102, 1286, 1387, 1067, 1351, 1169, 1277, 1000, 1010
Lloyd's	1299
LodgingStar	1288
LXI	1089, 1000, 1006, 1086
MAG	1148
Magnasonic	1186
Magnavox	1315, 1104, 1370, 1260, 1186, 1196, 1018, 1198, 1058, 1007, 1090, 1001, 1029, 1161, 1181
Marantz	1095, 1247, 1017, 1104
Matsushita	1001, 1013
Maxent	1161, 1163
MB Quart	1182
Megatron	1136
Memorex	1120, 1398, 1012, 1185, 1191, 1142, 1184, 1094, 1148, 1206, 1293, 1002, 1005, 1046, 1089, 1143, 1187, 1188, 1270
MGA	1005
MicroTEK	1344
Midland	1000, 1001
Mintek	1128, 1198
Misakae	1007
Misakai	1007
Mitsubishi	1065, 1287, 1005, 1172, 1369, 1308

Mitsui	1324, 1361, 1318, 1320, 1322, 1323, 1325
MTC	1002
Multitech	1008
NAD	1006, 1045
Naoki	1116, 1240
Naxa	1356, 1212, 1269, 1289, 1299, 1302
NEC	1403, 1172, 1095, 1151, 1017, 1402, 1406, 1225, 1222
NetTV	1161
New Acoustic Dim.	1006, 1045
Nextar	1352
Nexus	1118, 1219
Nexus Electronics	1219
Nikko	1000, 1086, 1006, 1089
Niko	1123, 1157
Norcent	1090, 1124, 1035, 1126, 1021, 1125, 1157
Norwood Micro	1070, 1073
NuVision	1218, 1138, 1242
oCOSMO	1338
Ölevia	1129, 1064, 1057
Onwa	1008
Optimus	1105, 1188, 1186, 1187, 1013, 1089
Optique	1220
Optoma	1364, 1282, 1409
Orion	1012, 1185, 1191, 1184, 1215
Panasonic	1107, 1001, 1013, 1075, 1188, 1192, 1187, 1099, 1002, 1005, 1006, 1071, 1086, 1089, 1136
Pantel	1376, 1374, 1375
PARK	1212
PDI	1106
Peerless	1408
Peerless-AV	1408
Penney	1002, 1086, 1001, 1006
Philco	1007, 1094, 1196
Philips	1181, 1104, 1315, 1370, 1263, 1266, 1260, 1000, 1007, 1405, 1198, 1090, 1094, 1108
Pioneer	1105, 1045, 1095, 1294
Planar	1105, 1046, 1124, 1327
Polaroid	1112, 1170, 1068, 1115, 1093, 1148, 1168, 1353, 1023, 1199, 1081, 1165, 1299, 1044, 1077, 1119, 1167, 1208, 1214, 1070, 1079, 1080, 1202, 1216, 1246, 1285
Portland	1140, 1011
Prima	1206, 1022, 1159, 1005, 1030
Prism	1001
Projectiondesign	1160
Proscan	1311, 1299, 1330, 1219, 1224, 1296, 1317, 1355, 1337, 1345, 1391, 1353, 1390, 1343, 1384, 1103, 1086, 1217, 1363, 1392, 1398, 1271, 1340, 1356

Prosonic	1212
Proview	1148
Pulsar	1000
Pyle	1221, 1265, 1339
Pyle Home	1221
QuantumFX	1313, 1232
Quasar	1001, 1188, 1363, 1187, 1299, 1338, 1013
Qumi	1026, 1412, 1091
RadioShack	1008, 1089
RCA	1271, 1246, 1311, 1299, 1330, 1296, 1278, 1391, 1337, 1355, 1411, 1086, 1103, 1219, 1317, 1343, 1276, 1381, 1386, 1390, 1105, 1288, 1353, 1023, 1140, 1194, 1195, 1345, 1093, 1182, 1185, 1202, 1342, 1356, 1396, 1001, 1004, 1142, 1336
Realistic	1008, 1089
RevolutionHD	1131
Runco	1105, 1095, 1000
Sampo	1161
Samsung	1207, 1016, 1350, 1002, 1346, 1195, 1371, 1024, 1257, 1013, 1034
Sansui	1012, 1184, 1142, 1185, 1189, 1355, 1191, 1098, 1389, 1007, 1309
Sanyo	1056, 1089, 1028, 1137, 1248, 1206, 1107, 1003, 1118, 1338, 1232, 1225, 1062, 1088, 1127, 1047, 1253
Sceptre	1088, 1127, 1047, 1253
Scott	1152, 1008
Sears	1089, 1006, 1007, 1051
Seiki	1345, 1309, 1279, 1310, 1299
Seiko Epson	1331, 1071, 1092, 1036, 1055, 1256
Seleco	1074
Sens	1159, 1180
Seura	1365
Sharp	1241, 1410, 1387, 1261, 1399, 1243, 1335, 1395, 1219
Sherwood	1096, 1281
Sigmac	1304, 1302
Silo	1400, 1332, 1338, 1304, 1362
Silo Digital	1400, 1332, 1338, 1304, 1362
SIM2 Multimedia	1074
SkyVue	1407, 1241
Skyworth	1210, 1175, 1173
Smart	1347
Solé	1108, 1131, 1393
Sony	1032, 1009, 1038, 1147
Soundesign	1008
Soyo	1177, 1158, 1111, 1093, 1178
Spectroniq	1148
Speler	1358, 1354
Squareview	1007
SSS	1008
Starlite	1008
SunBriteTV	1232, 1100, 1129
Superscan	1043, 1007

Supersonic	1313, 1289, 1212, 1379, 1314, 1273, 1291, 1336
SVA	1021, 1044, 1025, 1196
Sylvania	1179, 1007, 1094, 1196, 1186, 1183, 1077, 1296, 1311, 1355
Symphonic	1007, 1186, 1094, 1196, 1008
Syntax	1129, 1064, 1057
Taki	1116
Tatung	1070, 1252, 1162
TCL	1246, 1387
Technicolor	1311
Technics	1001, 1000, 1086, 1013
Techview	1040, 1203
Techwood	1001
Teknika	1008, 1002, 1005
Telefunken	1016
TNGi	1000
Tosaki	1116, 1240, 1093
Toshiba	1113, 1006, 1189, 1037, 1195, 1151, 1084, 1013, 1002, 1020, 1067, 1091, 1274, 1089
TruTech	1094, 1154, 1209
TVS	1012
Upstar	1362, 1388, 1338
US Logic	1070
Venturer	1182, 1180
VEOS	1051
Vidao	1242
Vidikron	1095, 1105
Viewsonic	1204, 1327, 1132, 1366, 1210, 1019, 1161, 1043, 1026, 1082, 1206, 1275, 1027, 1090, 1109, 1286, 1048, 1105, 1118, 1122, 1156, 1213, 1409, 1157
Viore	1299, 1239, 1285, 1212, 1252, 1284, 1146, 1061, 1377, 1289
VisionQuest	1148, 1289, 1298, 1155, 1176
Vivitek	1026, 1412, 1091
VIZIO	1164, 1268, 1162, 1043, 1048
Vuon	1301
W Box	1398
W Box Technologies	1398
Wards	1000, 1006, 1001, 1086, 1002, 1008, 1045, 1089
Waycon	1006
Westinghouse	1153, 1312, 1299, 1048, 1225, 1284, 1303, 1049, 1069, 1242, 1341, 1401, 1011, 1012, 1062
White Westinghouse	1140, 1012, 1186
WinBook	1091
Wyse	1090
Xoceco	1206, 1022, 1159, 1005, 1030
Yamaha	1027
Zenith	1000, 1067, 1185, 1102, 1136, 1140, 1012, 1090

#### Federal Communication Commission Interference Statement:

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 a 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.
- Connect the equipment into an outlet or a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without approval of manufacturer could void the user's authority to operate this equipment.

#### Industry Canada Statement:

This device complies with RSS-210 of the Industry Canada Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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