





## Put It Back the Way I Got It

You can return all advanced functions back to their original settings by resetting the remote to factory default settings. Resetting the remote to factory default settings removes all of the programming you have entered for the remote. You must reprogram the remote to restore your original settings.

### Resetting the Remote to Factory Default Settings (Program Code 900)

- Press and hold the **STB** mode key on the remote.
- Without releasing the **STB** key, press and hold the **OK** key.
- Release *both* keys and all mode keys blink twice.
- Enter the programming code **9 0 0** by pressing the numeric keys on the remote. The STB mode key blinks four times to indicate you have successfully reset the remote to factory default settings.

**Notes:**

- If any other key is pressed except the numeric keys, the remote does not accept any changes or updates. The STB mode key displays a long red flash and the remote returns to normal operation.
- If the remote times out before you complete the factory default reset procedure, the remote does not accept any changes. You must start over from step 1 of this procedure.

## Troubleshooting

If there is no response when you press the keys on the remote, please check the following items before calling for service.

### Check the Batteries

- Are the batteries inserted correctly?
- Check the battery condition for leakage.
- Replace with new alkaline batteries.

### Check the Device

- Is the device's power cord connected to the power outlet?
- Is the device switched on?

### Check the IR Database Codes List

Is the device brand name for the device listed in the code list?

- If **yes** and there is more than one code listed, try using a different code to provide more functionality.
- If **no**, try the following:
  - Use the Auto-Search function to find a usable code.
  - If the Auto-Search function is unable to find a usable code, you may need to use the original remote provided with the device.

## Code Tables

If the remote does not recognize your device, you can find codes for your device by brand name. Code tables in this section are organized by the devices assigned to each mode (TV, DVD, and AUX).

TV Mode Group	
<b>TV</b>	
Abex	1098
Admiral	1001, 1099
Advent	1005, 1053, 1110, 1113
Adventure	1100
Aiko	1015
Aiwa	1004
Akal	1002, 1427
Allerion	1004
Amtron	1036
Anam National	1003, 1036
AOC	1004, 1005
Apex	1111, 1119, 1163, 1256
Audiovox	1036
Bang & Olufsen	1453
Belcor	1004
Bell & Howell	1001, 1045
Benq	1002
Bradford	1036
Broksonic	1114, 1121, 1382, 1383
Brokwood	1004
Candle	1004, 1007, 1100
Celebrity	1002
Citizen	1004, 1007, 1015, 1036, 1073, 1097, 1100
Colortyme	1004
Concerto	1004
Contec/Cony	1011, 1012, 1036
Craig	1036
Crosley	1000, 1053
Crown	1036, 1053
CTX	1257
Curtis Mathes	1000, 1004, 1014, 1045, 1073, 1097, 1385
CXC	1036
Cytron	1456
Daewoo	1004, 1005, 1013, 1015, 1016, 1097, 1106 1258, 1362, 1368, 1369
Daytron	1004, 1097
Diamond/Vision	1461
Dimensia	1000
Dumont	1160
Durabrand	1259

<b>TV, continued</b>	
Dynatech	1004
Electroband	1002
Electrohme	1002, 1003, 1004,1018, 1021
Emerson	1004, 1011, 1013, 1025 1028, 1031, 1033, 1036, 1044, 1045, 1080, 1097, 1101, 1102, 1107, 1382, 1383
Envision	1004
Fisher	1043, 1045, 1047, 1103
Fujitsu	1044, 1029
Funai	1036, 1044, 1384
Futuretec	1036
Gateway	1038
GE	1000, 1003, 1004, 1008, 1021, 1048, 1049, 1063, 1068, 1094, 1144, 1164, 1224, 1367, 1380, 1381, 1385, 1386
Gibralter	1160
Goldstar	1004, 1005, 1011, 1018, 1050, 1090, 1091, 1097, 1098, 1400, 1401
Grumpy	1036, 1044
Hallmark	1004
Harley Davidson	1384
Harvard	1036
Hisense	1112
Hitachi	1004, 1011, 1012, 1051, 1052, 1084, 1085, 1086, 1087, 1102, 1225, 1384
HP	1408
Ilo	1457
IMA	1036
Infinity	1053
Janel	1100
JBL	1053
JC Penney	1000, 1004, 1005, 1007, 1012, 1021, 1048, 1049, 1058, 1063, 1068, 1072, 1073, 1075, 1097, 1098
JCB	1002
Jensen	1004, 1232, 1285, 1314, 1376
JVC	1011, 1012, 1026, 1049, 1052, 1054, 1055, 1080, 1092, 1117, 1131, 1235, 1288, 1299
Kawasho	1002, 1004
Kenwood	1004, 1018
Kloss Novabeam	1036, 1056, 1057, 1100
KTG	1036, 1097, 1101
LG	1005, 1396, 1397, 1398, 1399, 1402, 1403, 1404, 1405
Lloyd's	1384
Lloyd's	1053
Loewe	1053
Logik	1001
Luxman	1004
LXI	1000, 1004, 1045, 1053, 1058, 1068, 1075
Magnavox	1004, 1007, 1018, 1053, 1056, 1057, 1059, 1060, 1083, 1110, 1147, 1228, 1280, 1300, 1301, 1302, 1321, 1326, 1339, 1365, 1386, 1371, 1384, 1387
Magnin	1380
Majestic	1001
Marantz	1004, 1051, 1053
Media Center	1408
Megatron	1004, 1051
Memorex	1001, 1004, 1005, 1022, 1045
MGA	1004, 1005, 1018, 1021, 1047, 1061, 1062, 1380
Midland	1049, 1068, 1097, 1098, 1160
Minutz	1048
Mitsubishi	1004, 1005, 1018, 1021, 1047, 1061, 1062, 1081, 1381
Montgomery Ward	1001
Motorola	1003, 1099
MTC	1004, 1005, 1073
Multitech	1036
NAD	1004, 1058, 1075, 1085
NEC	1003, 1004, 1005
Net-TV	1040
Olevia	1420
Nikko	1004, 1015
Norcent	1217, 1320
NTC	1015
Orwa	1036
Optimus	1085
Optonica	1064, 1099
Orion	1023, 1033, 110, 1382, 1383
Panasonic	1003, 1010, 1048, 1053, 1098, 1123, 1152, 1231, 1289, 1292, 1295, 1303, 1304, 1305, 1306, 1385
Penney	1380, 1385
Philco	1003, 1004, 1005, 1007, 1011, 1018, 1053, 1056, 1057, 1059
Philips	1003, 1004, 1007, 1011, 1017, 1018, 1053, 1056, 1057, 1059, 1060, 1063, 1110, 1126, 1129, 1148, 1155, 1238, 1263, 1264, 1265, 1290, 1291, 1307, 1308, 1309, 1337, 1389
Philips Magnavox	1260, 1264, 1265, 1266
Pilot	1097
Pioneer	1004, 1085, 1102
Polaroid	1285, 1458
Portland	1004, 1005, 1015, 1097
Price Club	1073
Prima	1113
Prism	1049
Proscan	1000, 1008, 1068, 1108
Proton	1004,1011
Pulsar	1160
Pulser	1004
Quasar	1003, 1039, 1049, 1096, 1165, 1166, 1385
Radio Shack/ Realistic	1000, 1004, 1011, 1036, 1045, 1064, 1097, 1098, 1384
RCA	1000, 1003, 1004, 1005, 1008, 1018, 1049, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1082, 1102, 1104, 1108, 1108, 1115, 1151, 1162, 1167, 1168, 1268, 1289, 1270, 1271, 1310, 1355, 1359, 1361, 1370, 1373, 1379, 1380, 1381, 1385, 1386
Runco	1160
Sampo	1004, 1097, 1098, 1120
Samsung	1004, 1005, 1011, 1014, 1018, 1019, 1072, 1073, 1074, 1097, 1098, 1156, 1161, 1297, 1323, 1360, 1363, 1364
Sansui	1023, 1107, 1122, 1273, 1382, 1383, 1384
Sanyo	1045, 1062, 1095, 1103, 1380
Scotch	1004
Scott	1004, 1011, 1033, 1036, 1044
Concerto	1004
Sears	1000, 1004, 1012, 1018, 1044, 1045, 1047, 1055, 1058, 1068, 1075, 1076, 1103, 1105, 1384
Sharp	1004, 1009, 1011, 1025, 1064, 1077, 1078, 1097, 1099, 1153, 1157, 1274, 1298, 1311, 1312, 1362, 1375, 1378
Shogun	1004
Signature	1001
Simpson	1007
Sony	1002, 1109, 1137, 1201, 1202, 1249, 1272, 1275, 1276, 1277, 1278, 1317, 1356, 1374, 1384, 1388
Soundesign	1004, 1007, 1036, 1044
Squareview	1105
SSS	1036
Starlite	1036
Supre-Macy	1100
Supreme	1002

<b>TV, continued</b>	
Sylvania	1004, 1007, 1018, 1027, 1153, 1056, 1057, 1059, 1060, 1124, 1150, 1145, 1279, 1296, 1387, 1464
Symphonic	1024, 1031, 1036, 1105, 1280, 1384
Tandy	1099
Tashiko	1058
Tatung	1003
Technics	1049
Techwood	1004, 1049
Teknika	1001, 1004, 1005, 1007, 1111, 1012, 1015, 1036, 1044, 1060, 1073, 1096, 1097
Tera	1004, 1011
Thomas	1384
TMK	1004
Toshiba	1006, 1045, 1058, 1073, 1175, 1079, 1093, 1116, 1154, 1158, 1159, 1262, 1267, 1281, 1282, 1283, 1284, 1286, 1293, 1294, 1313, 1315, 1319, 1338, 1364, 1377
Totelevision	1097
Universal	1048, 1063
Victor	1055
Vidtech	1004, 1005
Viking	1100
Wards	1000, 1001, 1004, 1005, 1118, 1031, 1044, 1048, 1053, 1056, 1057, 1059, 1060, 1063, 1064
Westinghouse	1013
Yamaha	1004, 1005, 1018
Zenith	1001, 1089, 1118, 1125, 1161, 1287, 1357, 1382, 1383, 1384

### HDTV

Acer	1041, 1192
Akal	1427, 1432
Apex	1088
Astar	1434
Audiovox	1455
Axion	1139
Benq	1136
Coby	1460
Daewoo	1135
Dell	1141, 1142, 1146, 1394, 1395, 1409
Element	1431
Emerson	1468
Emprex	1438
Epson	1422, 1451
Fujitsu	1029
Gateway	1038, 1449
Hewlett Packard	1419, 1444, 1445, 1452
Hitachi	1030, 1132, 1133, 1134, 1191, 1208, 1209, 1210, 1211, 1212, 1226, 1322, 1324, 1326, 1344, 1447
HP	1419, 1445, 1452
Ilo	1412, 1435, 1436
InFocus	1450
Initial	1457
Insignia	1437
JVC	1139, 1131, 1227
LG	1343, 1346, 1396
Magnavox	1329, 1358, 1372, 1414
Maxent	1424
Mintek	1457
Mitsubishi	1032, 1213, 1229, 1320, 1448
NEC	1193, 1423
NET-TV	1040
Olevia	1406, 1418, 1421, 1462
Panasonic	1140, 1169, 1170, 1194, 1233, 1234, 1331, 1336, 1410, 1417, 1442, 1469
Philips	1126, 1129, 1236, 1237, 1239, 1261, 1334, 1351, 1390, 1411
Pioneer	1035, 1195, 1240, 1335, 1469, 1470
Polaroid	1282, 1391, 1392, 1393, 1396, 1431, 1440
Proscan	1000
Protron	1430
Proview	1407
RCA	1143, 1196, 1241, 1242
Sampo	1338, 1243
Samsung	1019, 1171, 1172, 1173, 1174, 1175, 1197, 1198, 1199, 1200, 1245, 1246, 1325, 1327, 1352, 1354, 1443
Sharp	1013, 1045, 2044, 2082, 2086, 2170, 2174, 2292, 2321, 2396
Shenwood	2121, 2397
Scott	2014, 2020, 2022, 2065, 2067, 2068, 2069, 2070, 2087, 2104, 2108, 2113, 2162, 2171, 2176, 2178, 2182, 2187, 2189, 2192, 2193, 2201, 2202, 2203, 2226, 2338, 2244, 2251, 2257, 2273, 2278, 2280, 2288, 2296, 2396, 2305, 2306, 2307, 2309, 2313, 2315, 2329, 2332, 2336, 2355, 2366, 2357, 2405, 2406, 2407
SVA	1437
Sylvania	1046, 1465
Syntax	1418
Syntax-Brilliant	1418
Tatung	1426
Toshiba	1127, 1179, 1203, 1204, 1222, 1223, 1332, 1340, 1341, 1345, 1353
Trutech	1425
Viewsonic	1038, 1149, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1205, 1206, 1441
Viore	1435
Vizio	1429, 1433, 1439
Westinghouse	1454
Zenith	1020, 1139, 1207, 1253, 1255, 1333, 1342, 1349

<b>DVD Mode Group</b>	
Pioneer	2119
Samsung	2012, 2049, 2074, 2085, 2102, 2175, 2186, 2196, 2214, 2233, 2246, 2274, 2279, 2286, 2290, 2294, 2295, 2299, 2311, 2314, 2333, 2340, 2347, 2351
Sansui	2071
Sanyo	2034, 2050, 2120, 2393
Sensory Science	2345
Sharp	2013, 2015, 2044, 2082, 2086, 2170, 2174, 2292, 2321, 2396
Shenwood	2121, 2397
Sony	2014, 2020, 2022, 2065, 2067, 2068, 2069, 2070, 2087, 2104, 2108, 2113, 2162, 2171, 2176, 2178, 2182, 2187, 2189, 2192, 2193, 2201, 2202, 2203, 2226, 2338, 2244, 2251, 2257, 2273, 2278, 2280, 2288, 2296, 2396, 2305, 2306, 2307, 2309, 2313, 2315, 2329, 2332, 2336, 2355, 2366, 2357, 2405, 2406, 2407
Sungale	2346
Sylvania	2002, 2064, 2078, 2092, 2194, 2213, 2321, 2327, 2408
Symphonic	2321
Techwood	2141
TIvo	3074, 3244, 3245, 3246, 3249, 3250
Toshiba	2023, 2025, 2037, 2038, 2040, 2041, 2054, 2080, 2084, 2088, 2093, 2094, 2168, 2180, 2183, 2184, 2185, 2187, 2210, 2227, 2231, 2235, 2259, 2271, 2276, 2284, 2301, 2318, 2334, 2341
Toshiba	2135, 2312, 2348, 2349, 2350, 2358, 2401, 2402, 2403
Trutech	2345
Urban Concepts	2318
Venturer	2011
Xbox	2319
Yamaha	2106, 2146, 2163, 2320, 2389
Zenith	2039, 2052, 2128, 2199, 2234, 2236, 2252, 2308, 2318

### DVD Mode Group

Akal	2378
Amphion MediaWorks	2342
AMW	2342
Apex	2001, 2056, 2057, 2061, 2095, 2098, 2229, 2250, 2316, 2322, 2330
Apex Digital	2261, 2262, 2263, 2266, 2269, 2291
Argo	2325
Astar	2354
Audiovox	2132, 2373, 2388
Axion	2379
Bang & Olufsen	2324, 2370
Blaupunkt	2136, 2322
Bose	2122, 2130, 2215
Bois	2336
Broksonic	2053, 2072, 2284
Cambridge SoundWorks	2395
Cinevation	2152, 2195
Claron	2100
Classic	2101, 2391
Coby	2380, 2387
Curtis	2387