



AT6400 AllTouch IR Universal Remote Control

User Guide

Welcome to the Ultimate Control Experience

Your new AT6400 AllTouch® Infrared (IR) Universal Remote Control (remote) is a true universal remote, functioning as four remotes in one. As one example, you can use this remote to operate your TELUS TV digital box (set-top), your TV, and two other devices, such as a DVD player and VCR.

Important Information About Your Remote

Your remote is initially programmed to only operate your set-top. Therefore, you must program the remote to operate your TV, VCR, or other devices. See **Program the Remote to Control My Devices** to learn how to enter device codes and program your remote.

Note: You must use the IR remote within line of sight of the set-top to operate the set-top correctly.

How Does A Universal Remote Control Work?

You tell the remote which type of device you want to operate using the four keys arched across the top of the remote. These keys, known as **mode keys**, are labeled **STB**, **TV**, **DVD**, and **AUX**. Each mode key is associated with a specific device. As an example, after programming the remote, if you want the remote to operate your TV, you simply press the TV key. Other keys you press on the remote, thereafter, should operate your TV. Want to switch the remote to operate a different device? Just press the mode key for the next device you want to operate. In this guide, you will learn which types of devices you can control and how to program the remote to control your specific devices.

Where Do I Start?

Before you begin using your remote, complete the following initial setup tasks.

Install the Batteries

The remote requires two AA batteries (alkaline recommended). A diagram in the battery compartment of the remote indicates proper placement of the batteries. When batteries are properly installed, the light on the remote blinks each time a key is pressed.

Visit the Quick Reference Section

Use the Quick Reference section of this guide to familiarize yourself with the remote and the functions of its various keys. Knowing the function and location of the keys on the remote will assist you when you are programming the remote.

Program the Remote

To learn how to program your remote, refer to the sections **What Devices Can I Control**, **What Devices Do I Want to Control**, and **Program the Remote to Control My Devices** for further instructions.

Find a Place to Store Your Remote

Keeping up with one remote is much easier than keeping up with four or five remotes. However, it is still a good idea to find a storage location for your remote. The AT6400 is not a toy. It should be kept out of the reach of children under the age of 6 years.

Program the Remote to Control My Devices

Your remote is initially programmed to only operate your set-top. You will need to set up the remote to operate your other devices using its TV, DVD, and AUX modes. The TV key may be programmed to operate a standard or high-definition television (HDTV). The DVD key may be programmed to operate a DVD player. The AUX key may be programmed to operate a VCR, a receiver, an amplifier, or a Home Theater in a Box (HTIB) system. If the remote provides only limited functionality for a device, you can look for a code that provides more functionality.

Refer to the code tables at the end of this guide to locate additional programming codes.

Note: You have the option to assign some remote keys to operate one device type only. For example, you may want to assign volume control to the TV only. If this is the case, you can reprogram power, volume, and channel control using procedures found later in this guide.

Assigning a Device Code to a Mode Key

1. Refer to the code tables at the end of this guide to locate the information for the device you want to program.

Note: If your device is not listed, you may be able to program the remote using the Auto-Search function. Go to **What If None of the Codes Work** for instructions.

2. Turn on the device that you want to assign to a mode key.

3. Press and hold the appropriate mode key (**TV**, **DVD**, or **AUX**) on the remote, and then press and hold the **OK** key.

4. Release *both* keys and the mode keys blink twice.

5. Enter the first 4-digit setup code for the device using the numeric keys (0-9) on the remote. The mode key blinks three times to indicate that the code entry was accepted.

Notes:

- When an invalid code is entered, the selected mode key displays a long flash to indicate that you have not entered the code correctly.
- Should the remote time out before you complete the code setup, you must start over. This is indicated by one long flash of the red LED.

6. Point the remote at the device, and press **POWER** to test the device.

7. Did the device power off?

- If **yes**, write this code number in the table found in this guide. You may need it again if the device code is accidentally erased.
- If **no**, repeat this procedure from step 3 using a different setup code.

Note: If none of the codes listed for your brand of device operate the device correctly, go to **What If None of the Codes Work** for instructions.

8. Repeat this procedure for each mode key you want to program.

What If None of the Codes Work?

If none of the codes listed for your brand of device operate the device correctly, or if your device is not listed in the codes table, you can use the Auto-Search function to search through the code library for a valid code. This section provides procedures for using the Auto-Search function to search the code library for TV, DVD and AUX mode codes.

Note: Read the procedures in this section thoroughly before beginning. You need to be prepared to observe the behavior of the remote.

Auto-Search Features

Consider the following items when using Auto-Search:

- The Auto-Search function begins searching from the first code.
- If a valid code is not found, the green backlight blinks twice and the remote returns to normal operation.
- If any other key is pressed except PLAY, ENTER, POWER, EXIT, REW, FF, or numeric keys 1 through 4 (when programming the AUX mode key), the mode key displays a long red flash (error message) and the remote returns to normal operation.
- Should the remote time out before you complete the Auto-Search function you must start over. This is indicated by one long flash of the red LED.
- If the device is not listed and the Auto-Search function is unable to find a usable code, you may need to use the original remote provided with the device.

Auto-Searching the Code Library for TV or DVD Mode Codes (Program Code 922)

Note: This procedure only applies to TVs and DVDs.

- Turn on the device you that you want to assign to the TV or DVD key.
- Point the remote at the device.
- Press and *while holding* a selected mode key (**TV** or **DVD**), press the **OK** key. For example, to search for a TV code, press and hold **TV** and **OK** at the same time.
- Release *both* keys and all the mode keys blink twice.

5. Enter the programming code **9 2 2** by pressing the numeric keys on the remote. The mode key you selected in step 3 blinks twice to indicate a successful entry.

6. Point the remote toward the device, and press **PLAY**.

7. Your device powers off when it finds the correct code. Then, choose one of the following options:

- Save code and exit** – Press the **ENTER** key on the remote to program the code in the remote and the mode key flashes three times indicating successful entry.
- Step forward** – Press the fast-forward (FF) key on the remote to step ahead through the codes one at a time. Then, return to step 6.
- Step backward** – Press the rewind (REW) key on the remote to step back through the codes one at a time. Then, return to step 6.
- Exit without saving the code** – Press the **EXIT** key on the remote. The selected mode key flashes three times and returns to normal operation.
- Send the current code** – Press the **POWER** key on the remote to send the current code. If the device turns back on, press the **ENTER** key. If the device does not turn on, return to step 7.
- Continue with auto-search function** – Press the **PLAY** key on the remote to continue with the auto-search function. Then, return to step 6.

Auto-Searching the Code Library for AUX Mode Codes (Program Code 922)

- Turn on the device that you want to assign to the AUX key.
 - Point the remote at the device.
 - Press and *while holding* the **AUX** key, press the **OK** key.
 - Release *both* the **AUX** key and the **OK** key and all the mode keys blink twice.
 - Enter the programming code **9 2 2** by pressing the numeric keys on the remote. The AUX key blinks twice indicating a successful entry.
 - Press the **PLAY** key, choose one of the following device categories and then, using the number keys on the remote, press its assigned number (1 – 4) based on the following list:

1 = VCRs

2 = Receiver/Tuners

3 = Amplifiers

4 = HTIB
- Note:** The device categories are number-coded to provide a more direct programming method.

7. Point the remote toward the device, and press **PLAY**.

8. Your device powers off when it finds the correct code. Then, choose one of the following options:

- Save code and exit** – Press the **ENTER** key on the remote to program the code in the remote and the mode key flashes three times indicating successful entry.
- Step forward** – Press the fast-forward (FF) key on the remote to step ahead through the codes one at a time. Then, return to step 7.
- Step backward** – Press the rewind (REW) key on the remote to step back through the codes one at a time. Then, return to step 7.
- Exit without saving the code** – Press the **EXIT** key on the remote. The selected mode key flashes three times and returns to normal operation.
- Send the current code** – Press the **POWER** key on the remote to send the current code. If the device turns back on, press the **ENTER** key. If the device does not turn on, return to step 7.
- Continue with auto-search function** – Press the **PLAY** key on the remote to continue with the auto-search function. Then, return to step 7.

Reassign Mode Keys

You can reassign a mode key to operate a different device. For example, you can reassign the AUX key to operate a DVD player or a TV. If you reassign a key, be sure you update the table found in this guide.

Reassigning Mode Keys (Program Code 944)

- Press and hold the **STB** mode key on the remote.
- Without releasing the **STB** key, press and hold the **OK** key.
- Release *both* the keys and all mode keys flash twice.
- Enter the programming code **9 4 4** by pressing the numeric keys on the remote. The STB mode key blinks twice indicating a successful entry.
- Press and release the mode key associated with the type of device you want to control, the mode key should blink once. Then press and release the mode key that you want to change. The newly assigned mode key blinks three times indicating a successful entry.

Some common examples:

- To program the AUX key to operate your DVD player, press **DVD** and then **AUX**.
- To program the DVD key to operate your TV, press **TV** and then **DVD**.

Change Volume Control

By default, once the TV mode key is programmed with a valid code, the volume and mute buttons control your TV. These keys adjust the volume of your TV (higher, lower, or temporarily switch the volume off (Mute), regardless of whether the remote is in STB, TV, DVD, or AUX mode.

If you prefer, you can choose to have the volume and mute buttons always control a different device rather than your TV, such as a home theater receiver. (See **Controlling Volume for One Device** below.) Note that you must first program one of the mode keys, such as AUX, with a valid code for that device.

Alternatively, you can choose to have the volume and mute buttons control different devices when the remote is in different modes. For example, you might want to control the volume on your TV when in TV mode, but the volume on your home theater receiver when in AUX mode. (See **Controlling Volume for Different Devices** below.) Note that not all devices have volume controls, so if you choose this option, the volume and mute buttons may do nothing in some modes, such as STB and DVD.

Controlling Volume for One Device (Program Code 955)

- 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 5 5** by pressing the number keys on the remote. The STB mode key blinks twice indicating a successful entry.
- Press and release the mode key for the device you want the volume keys to control. For example, if you want to control volume through your TV, press and release **TV**. The selected mode key blinks three times to indicate a successful entry.

The volume keys now control only one device whether you are in STB, TV, DVD, or AUX mode.

Controlling Volume for Different Devices (Program Code 955)

- Complete steps 1 through 4 of the **Controlling Volume for One Device** procedure.
- Press and release the **Enter** key. The STB mode key blinks three times to indicate a successful entry.

After you press the **Enter** key, the volume keys control the device assigned to that mode. For example, in TV mode, the volume keys control volume for the TV only.

Notes:

- If any other key is pressed except the Mode keys and the **ENTER** key, 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 programming volume control, the remote does not accept any changes. You must start over from step 1 of this procedure.

Change Channel Control

The remote is set by default to control channel selection on the set-top. You can also program channel control to control any of the TV, DVD, or AUX mode devices provided the device allows for channel control assignment. Or, you can set the channel selection control programming to control channels (or page up or down) for all of the devices programmed in the four mode keys. Otherwise, you can only control channels (or page up or down) on a specific device, for example, the TV or DVD.

Note: The channel control keys include CH/Page, Jump, and the numeric keys 0 through 9.

Controlling Channels for One Device (Program Code 966)

- 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 6 6** by pressing the numeric keys on the remote. The STB mode key blinks twice to indicate a successful entry.
- Press and release the mode key for the device you want the channel key to control. For example, if you want to control channels on your TV, press and release **TV**. The selected mode key blinks three times to indicate a successful entry.

The channel key now always controls the device associated with the mode you selected in this procedure, whether in STB, TV, DVD, or AUX mode.

Controlling Channels for Different Devices (Program Code 966)

- Complete steps 1 through 4 of the **Controlling Channels for One Device** procedure.
- Press and release the **Enter** key. The STB mode key blinks three times to indicate a successful entry.

After you press the **Enter** key, the channel key now controls the device associated with the mode key you select. For example, in TV mode, the channel key controls the TV, but in STB mode, the channel key controls the set-top.

Notes:

- If any other key is pressed except the Mode keys and the **ENTER** key, 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 programming channel selection control, the remote does not accept any changes. You must start over from step 1 of this procedure.

Change Power Control

The POWER key on the remote is set by default to control the power switch on one device at a time, in either mode (STB, TV, DVD, or AUX). When in STB mode, the remote switches the set-top from OFF (standby mode) to ON, or from ON to OFF (standby mode). However, you can alternatively program the POWER key to control the power switch on up to four devices at the same time, instead of controlling one device at a time. It is highly recommended that you set up the POWER key to turn on and off your set-top and your TV at the same time. Turning off the set-top saves electricity and extends the life of the box. When turned off, the set-top can *still* record scheduled programs on its PVR and perform any other necessary functions.

Controlling Power for Multiple Devices at Once (Program Code 977)

- 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 7 7** by pressing the numeric keys on the remote. The STB mode key blinks twice to indicate a successful entry.
- For the first device, press the **STB** key. The STB mode key blinks twice.
- For the second device, press the applicable mode key (TV, DVD, or AUX). The selected mode key blinks twice.
- Repeat step 6 for up to two more devices (total of four devices).
- Press the **ENTER** key to complete the power switch control programming. The last selected mode key blinks three times to indicate a successful entry.

Example: In an example scenario where you press only TV in steps 6 and 7, the POWER key controls *both* the set-top and the TV at the same time, regardless of which mode the remote is in (STB, TV, DVD, or AUX).

Controlling Power for One Device at a Time (Program Code 977)

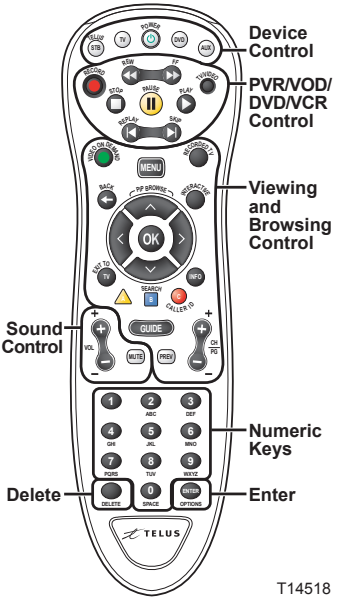
- Complete steps 1 through 4 of the **Controlling Power for Multiple Devices at Once** procedure.
- Press the **ENTER** key to complete the power switch control programming. The last selected mode key blinks three times to indicate a successful entry.

After you select a mode, the POWER key controls the device assigned to that mode. For example, in TV mode, the remote controls power for the TV only.

Notes:

- If any other key is pressed except the Mode keys and the **ENTER** key, 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 programming power switch control, the remote does not accept any changes. You must start over from step 1 of this procedure.

Quick Reference



T14519

Device Control

- Turns devices on or off
- Enables TELUS TV digital box mode functions
- Enables TV mode functions
- Enables DVD mode functions
- Enables AUX mode functions

PVR, VOD, DVD, VCR Control

Notes:

- In STB mode, these keys control PVR and VOD functions.
- In DVD and AUX modes, these keys may control your DVD or VCR depending on how you have programmed the remote.
- Not all TELUS TV digital boxes are PVR-capable.

- Records the selected program
- Stops DVD, VCR, VOD, or PVR content
- Pauses DVD, VCR, VOD, or PVR content
- Plays DVD, VCR, VOD, or PVR content
- Scrolls through available TV or video input sources

- Rewinds or fast forwards through PVR or VOD content
- Skips backward or forward through PVR or VOD content

Viewing and Browsing Control

- Accesses the On Demand menu
- Accesses the Main Menu
- Accesses the PVR list of recordings
- Returns to previous screen
- Enables Interactive mode
- Moves through selections
- Selects and deselects screen items
- Returns from menu screens and to viewing TV or video
- Application-defined
- Application-defined / Accesses the Search menu
- Application-defined / Accesses Caller ID
- Displays text information about the selected program
- Displays or closes the IPG
- Tunes to the previously selected channel

- Selects the next channel, up or down, when watching TV. Moves up or down one page in the IPG and in some menu screens

Sound Control

Note: These keys are assigned to the TV when the TV mode key is programmed with a valid code.

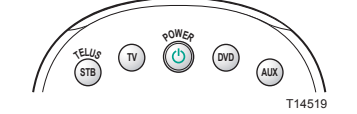
- Adjusts volume
- Mutes sound

Numeric Keys

- Enters channel numbers, text, and remote codes. Also use to enter your parental control PIN
- Clears text and numbers in text fields
- Enters and saves (stores) an entry or accesses options menu

What Devices Can I Control?

The four **mode keys** arched across the top of the remote tell the remote which device you want to operate.



Each mode key is associated with different types of devices. You can use each mode key to control one of its associated devices:

- | Mode Key | Associated Devices |
|-------------|---|
| STB | TELUS TV digital box |
| TV* | TVs (including HDTVs) |
| DVD* | DVD players |
| AUX* | VCRs, receivers, tuners, and Home Theater in a Box (HTIB) |

* These keys can be reassigned to control different devices. Go to the **Reassign Mode Keys** section of this guide for instructions.

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	
TV	
Abex	1098
Admiral	1001, 1099
Advent	1005, 1053, 1110, 1113
Adventura	1100
Aiko	1015
Aiwa	1034
Akal	1002, 1427
Allerion	1004
Amtron	1038
Anam National	1003, 1036
AOC	1004, 1005
Apex	1111, 1119, 1163, 1256
Audiovox	1036
Bang & Olufsen	1453
Belcor	1004
Bell & Howell	1001, 1045
Benq	1042
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

TV, continued	
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	1017
Janeli	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
LTV	1384
Loeys	1053
Luxman	1004
LXI	1000, 1004, 1045, 1053, 1058, 1068, 1075
Magnavox	1004, 1007, 1018, 1053, 1056, 1057, 1059, 1060, 1083, 1110, 1147, 1228, 1260, 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, 1096, 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, 1269, 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
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

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