

Programming your Optik TV™ remote

There is a tutorial video on this topic. Please visit telus.com/helpcentre and select the title **programming your remote**.

Step 1 – programming the TV button

- 1 Find the remote user guide that came with your Optik TV remote.
Or reference the guide online telus.com/optikremote
- 2 On the reverse side of the guide, use the code table to locate the correct code for your TV by looking up the brand and mode (TV or HDTV). There may be more than one TV code listed.
- 3 Turn on TV.
- 4 Press and hold **TV** ; and then press **OK**
– when both are released, the buttons will flash 2 times.
- 5 Enter **TV code** on the number pad - the **TV** button will flash 3 times.
- 6 Press **POWER** and your TV will now power off with your remote.

If your TV does not turn off, repeat steps 3-5 with the next code that's available for your TV. Repeat these steps until you have found the correct code and your TV powers off.



Step 2 – synchronizing the power button

- 1 Turn on your TV and TELUS TV set top box.
- 2 Press and hold **STB** ; and then press **OK** – when both are released, the buttons will flash 2 times.
- 3 Enter code **9 7 7** on the number pad – the **STB** button will flash 2 times.
- 4 Press **STB** and then the **TV** to link the 2 devices – the buttons will flash 2 times.
- 5 Press **ENTER**
- 6 Press **POWER**. Your TV and Optik TV digital box will now power off with your new remote.

Congratulations – you're done!

Troubleshooting: If the programming does not work properly, please refer to the FAQ's at telus.com/remotefaq



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.



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

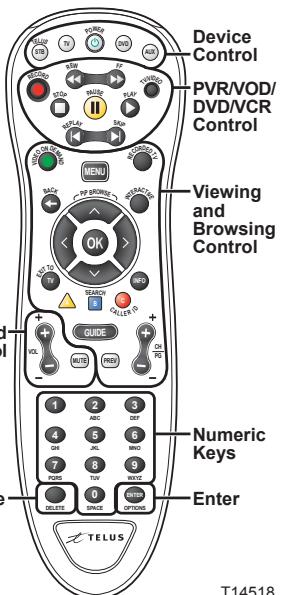
Your remote is initially programmed to only operate your set-top. Therefore, you must program the remote to operate your TV, VCR, or other devices. See **Program the Remote to Control My Devices** to learn how to enter device codes and program your remote.

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.

Quick Reference



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.

Sound Control

- 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

Numeric Keys

- Deletes
- Enter

Delete

Enter

T14518

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:

- Turn on the device that you want to assign to a mode key.
- Press and hold the appropriate mode key (**TV**, **DVD**, or **AUX**) on the remote, and then press and hold the **OK** key.
- Release **both** keys and the mode keys blink twice.
- 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.
- 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.

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.
- Did the device power off?

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.

8.

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

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 **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.

Auto-Searching the Code Library for AUX 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 the **OK** key. For example, to search for a TV code, press and hold **TV** and **OK** at the same time.
- Release **both** the **OK** key and all mode keys blink 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 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.

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

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

Sound Control

- Adjusts volume
- Mutes sound

LED Indicators

There are red LEDs underneath each of the four mode keys (STB, TV, DVD, and AUX) that flash each time a key is pressed to show which device the key is currently controlling.

There are also green LEDs that illuminate several keys whenever the remote is in use. They stay illuminated for a short time after a key is pressed.

During programming, if the remote times out before you complete the code setup, you will need to start over. This is indicated by one long flash of the red LED.

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.

What Devices Do I Want to Control?

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

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).

What Devices Can I Control?

To help you keep track of the devices you want to control, list the type of devices you have (including brand) in the following table. Then, use the code tables at the end of this guide to locate the codes for your device. For example, look under **TV Group** if you need to program the remote to operate your **TV**. If you have two devices that use the same key, you must reassign the **TV**, **DVD**, or **AUX** key. The **STB** key cannot be reassigned. Go to **Reassign Mode Keys**. Otherwise, go to **Program the Remote to Control My Devices** for additional instructions.

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 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)

- Turn on the device that you want to assign to the **AUX** key.

2. Point the remote at the device.

3. Press and while holding the **AUX** key, press the **OK** key.

4. Release **both** the **AUX** key and the **OK** key and all the mode keys blink twice.

5. Enter the programming code **9 5 5** by pressing the numeric keys on the remote. The **STB** mode key blinks twice indicating a successful entry.

6. Press and release the mode key for the device you want 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 966)

- Complete steps 1 through 4 of the **Controlling Volume for One Device** procedure.

3. Release **both** keys and all mode keys blink twice.

4. 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.

5. For the first device, press the **STB** key. The **STB** mode key blinks twice.

6. For the second device, press the applicable mode key (**TV**, **DVD**, or **AUX**). The selected mode key blinks twice.

7. Repeat step 6 for up to two more devices (total of four devices).

8. Press the **ENTER** key to complete the power switch control programming. The last selected mode key blinks three times to indicate a successful entry.

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 the power switch control, the remote does not accept any changes. You must start over from step 1 of this procedure.

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.

2. Without releasing the **STB** key, press and hold the **OK** key.

3. Release **both** keys and all mode keys blink twice.

4. 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.

5. 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

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)

1. Press and hold the **STB** mode key on the remote.
2. Without releasing the **STB** key, press and hold the **OK** key.
3. Release both keys and all mode keys blink twice.
4. 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
Akwa	1034
Akai	1002, 1427
Alleron	1044
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
Beng	1042
Bradford	1036
Broksonic	1114, 1121, 1382, 1383
Brokwood	1004
Cande	1004, 1007, 1100
Celebrity	1002
Citizen	1004, 1007, 1015, 1036, 1073, 1097, 1100
Coloryme	1004
Concerto	1004
Contec/Cony	1011, 1012, 1036
Craig	1036
Crosley	1000, 1053
Crown	1036, 1053
CTX	1257
Curtis Matthes	1000, 1004, 1014, 1045, 1073, 1097, 1385
CXC	1036
Cytron	1456
Daewoo	1004, 1005, 1013, 1015, 1016, 1097, 1106, 1258, 1362, 1368, 1369
Soundsdesign	1004, 1007, 1036, 1044
Squareview	1105
SSS	1036
Starline	1036
Supre-Macy	1100
Supreme	1002

RCA	1000, 1003, 1005, 1008, 1018, 1049, 1055, 1066, 1067, 1068, 1069, 1070, 1071, 1082, 1102, 1104, 1106, 1108, 1115, 1120, 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, 1027, 1073, 1074, 1097, 1098, 1156, 1161, 1297, 1323, 1360, 1363, 1364
Sansui	1023, 1107, 1122, 1273, 1382, 1383, 1384
Sanyo	1045, 1062, 1055, 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
Sounddesign	1004, 1007, 1036, 1044
Squareview	1105
SSS	1036
Starline	1036
Supre-Macy	1100
Supreme	1002
Curtis	2387

TV, continued

Dynatech	1004
Electroband	1002
Electrohome	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
Futurite	1036
Gateway	1038
GE	1000, 1003, 1004, 1008, 1021, 1048, 1049, 1063, 1068, 1094, 1144, 1164, 1224, 1367, 1380, 1381, 1385, 1386
Gibratler	1160
Goldstar	1004, 1005, 1011, 1018, 1050, 1090, 1091, 1097, 1098, 1400, 1401
Grundy	1036, 1044
Hallmark	1004
Harley Davidson	1384
Harvard	1036
Hisense	1112
Hitachi	1004, 1009, 1011, 1012, 1015, 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, 1311, 1235, 1288, 1299
Kawasho	1002, 1004
Kenwood	1004, 1018
Kloss Novabeam	1036, 1056, 1057, 1100
KTV	1036, 1057, 1101
LG	1005, 1396, 1397, 1398, 1399, 1402, 1403, 1404, 1405
Lloyd's	1384
Loewe	1053
Logik	1001
Luxman	1004
LXI	1000, 1004, 1045, 1053, 1058, 1067, 1080, 1083, 1110, 1147, 1228, 1260, 1300, 1301, 1302, 1321, 1326, 1339, 1366, 1371, 1384, 1387
Magnavox	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, 1100
Minut	1049
Mitsubishi	1004, 1005, 1018, 1021, 1047, 1061, 1062, 1081, 1385
Montgomery Ward	1001
Motorola	1003, 1059
MTC	1004, 1005, 1073
Multitech	1036
NAD	1004, 1058, 1075, 1085
NEC	1003, 1004, 1005, 1006
NET-TV	1040
Philco	1003, 1004, 1005, 1007, 1011, 1018, 1053, 1056, 1057, 1059
Philips	1003, 1004, 1007, 1011, 1017, 1018, 1053, 1056, 1057, 1059, 1060, 1103, 1126, 1128, 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
Pulse	1004
Pioneer	1039, 1049, 1098, 1165, 1168, 1385
Quasar	1000, 1004, 1011, 1036, 1045, 1064, 1079, 1098, 1384
Radio Shack/Realistic	1020, 1139, 1207, 1253, 1255, 1333, 1342, 1349
RCA	1000, 1003, 1004, 1005, 1008, 1018, 1049, 1055, 1066, 1067, 1068, 1069, 1070, 1071, 1082, 1102, 1104, 1106, 1108, 1115, 1120, 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, 1027, 1073, 1074, 1097, 1098, 1156, 1161, 1297, 1323, 1360, 1363, 1364
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Sanyo	1045,