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Connections and Setup

HOW TO CONNECT YOUR SATELLITE RECEIVER

Do you have a handful of cables and a head full of questions? This chapter is the perfect place to find out how to connect the receiver to all kinds of equipment. You'll find this chapter particularly helpful if you decide to move your receiver or if you get a new TV, VCR, or DVD player.

- **CONNECTING TO THE TV**
- **CONNECTING TO YOUR DISH ANTENNA**
- **CONNECTING THE PHONE LINE**
- **CONNECTING A VCR TO THE REMOTE TV**
- **USING TROUBLESHOOTING TOOLS**

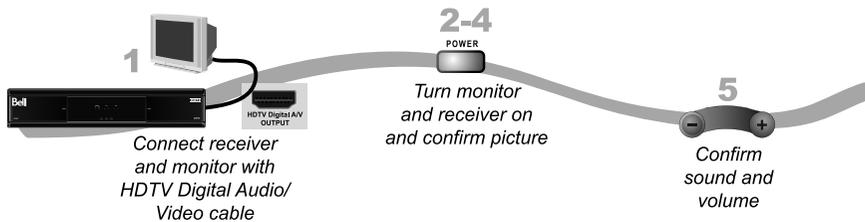
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CONNECTING TO THE TV

This section describes how to connect receiver TV output ports to a TV. Select one of the following methods.

HDTV DIGITAL AUDIO/VIDEO CONNECTIONS

The HDTV Digital Audio/Video connection provides high-quality audio and video to your HDTV or HD Monitor in one cable.



1. Connect an HDTV Digital Audio/Video cable between the HDTV Digital Audio/Video connection on the receiver and HDTV set or monitor.
2. Turn on your receiver and TV using the front panel buttons.
3. Confirm that you are getting a picture from the receiver. Consult your HDTV user's guide if you need to change your HDTV to display from the Digital Audio/Video input.
4. If you do not see a picture, see *No Picture on the TV* on page 12-3.

Note: In most cases connecting the Digital Audio/Video cable will provide plug-and-play control of the monitor's display resolution and other settings. However, your HDTV may require selecting a different format to display from the receiver during setup.

5. Turn up the volume on your HDTV and confirm you have sound. If you don't have sound, your system may require you to connect audio (red and white) RCA-type cables between the receiver Audio Outputs and audio input connections.

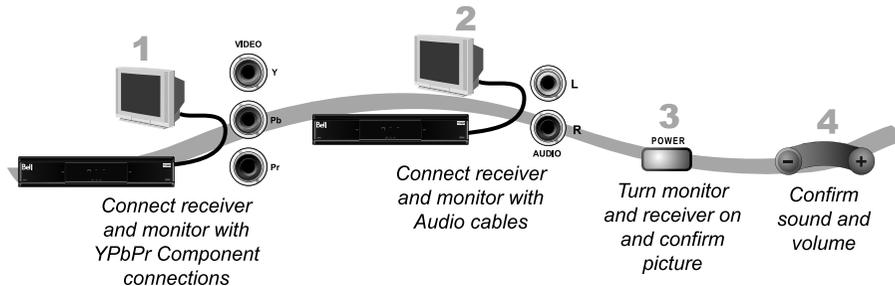
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YPbPr CONNECTIONS

The YPbPr connections provide high-quality video to your HDTV or HD monitor.



1. Connect between the YPbPr component connections on the receiver and the TV using component video cables.
2. Connect audio (red and white) RCA-type cables between the receiver Audio Outputs and audio input connections that go with the YPbPr connectors on your HDTV or monitor.
3. If you do not see a picture, change the resolution setting on the receiver.
4. Turn up the volume on your HDTV and confirm you have sound. Check the RCA-type connections if you don't have sound.

NO PICTURE ON THE TV

This section will help you make a picture on the TV in the event that you could not do so in the previous sections.

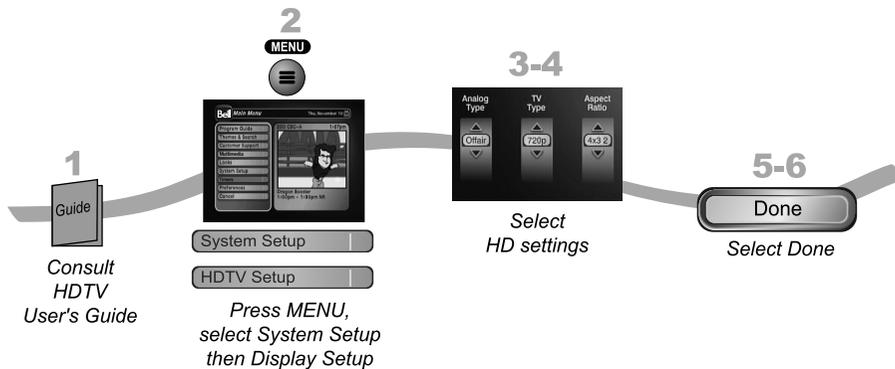
1. Connect RCA-type cable connections between the receiver Video, Audio L/R and the TV.
2. Make sure the receiver and TV are on.
3. Make sure the TV is set to use the RCA-type inputs. Look on the back of your HDTV and consult your HDTV user's guide.
4. Change the HDTV settings as described on page 12-4.
5. Switch to the TV to display from the HD inputs you select in the previous sections. If you have a picture from the TV, you are finished.
6. Repeat steps 4 and 5 until the TV displays video from the receiver.

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SETTING UP TO DISPLAY IN HD

Once the receiver has been activated with qualifying Bell TV programming, you will be able to receive HD programs to watch. Use the following steps to select the desired HDTV format.

1. Consult your HDTV user's guide for the HD format resolution that the TV supports (1080i or 720p).
2. Press MENU, select System Setup, and then HDTV Setup to open the receiver HDTV Setup screen.
3. Select the HD format settings that matches the format your TV supports.



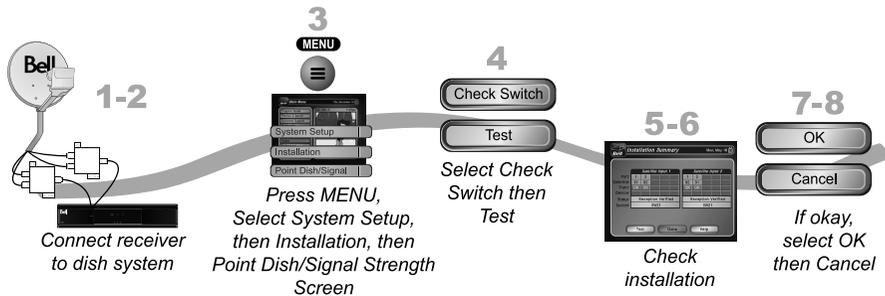
4. While in this menu, select the Aspect Ratio option that matches your TV:
 - 16x9 is the setting for wide screen HDTV display.
 - 4x3 #1 is the setting to use on a 4x3 TV which uses vertical compression. When fed with a 16x9 program, a compatible TV automatically makes the picture letterbox format (black bars top and bottom), to preserve the correct horizontal and vertical proportions.
 - 4x3 #2 is the setting to use on a 4x3 TV which does NOT have internal vertical compression. When fed with a 16x9 program, such a TV will not show black bars at the top and bottom, and the picture will appear tall and skinny.
5. Press Done.
6. If required, set up the HDTV to display in the format you desire. Some HDTVs will automatically adjust to the resolution setting of the receiver.

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Connecting To Your Bell TV Antenna

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CONNECTING TO YOUR BELL TV ANTENNA



1. Before you can begin connecting your receiver to your Bell TV antenna, you must first complete the preceding sections on connecting your TV to the receiver.
2. Connect two RG-6 coaxial cables between the Satellite In 1 and Satellite In 2 ports on the receiver's back panel to two available ports on either the switch or LNBF in your existing system.
3. On the Remote Control, press Menu, select System Setup, Installation, and then Point Dish to display the Point Dish screen on the TV.
4. Select Check Switch. Select Test.
5. The receiver begins performing the Check Switch tests. When it is finished, the Installation Summary screen displays.

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6. Make sure that the information on the Installation Summary screen identifies your system correctly and shows all transponders for all satellites in your system.
7. Select OK to go to the Point Dish/Signal screen.
8. Select Cancel to exit the Point Dish menu. At this point, the receiver may walk you through a procedure to download software. If this prompt displays, follow the instructions and do not disturb the receiver until the TV is displaying Bell TV video. Otherwise, press VIEW LIVE TV. After a few minutes, you should be watching TV.

CONNECTING THE PHONE LINE

You must keep the receiver connected to an active telephone line to order Pay-Per-View programs, use all of the Interactive features, or other services from Bell TV with your remote control.

Note: You may be able to use a wireless modem jack. However, this may not support all the features of this receiver, such as Caller ID.

Note: If you have a Digital Subscriber Line (DSL), you may have to install a DSL filter between the receiver's back panel Phone Jack and the telephone wall jack to successfully connect with Bell TV. You can obtain a filter from your DSL provider.

PHONE LINE CONNECTION

Run a telephone cable with a standard RJ-11 connector from the receiver's back panel Phone Jack to an active telephone connection.

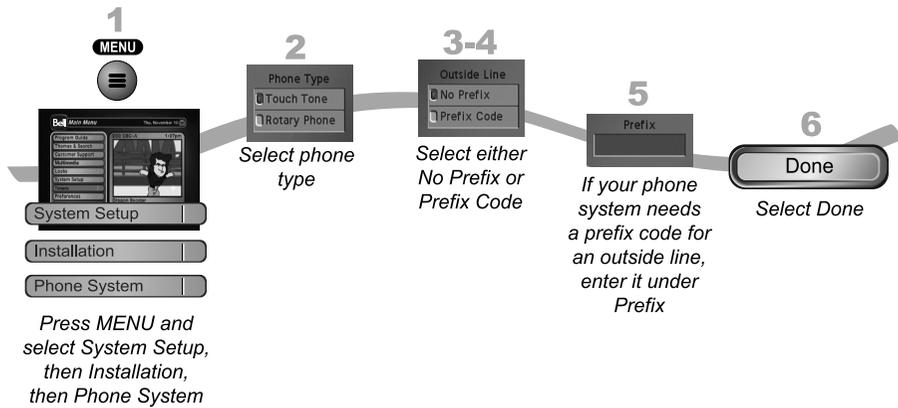
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Connecting The Phone Line

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PHONE SYSTEM SETUP

You must also set up the receiver for your telephone system (touch tone or rotary), and set a telephone number prefix, if you need a prefix to make an outside call.



1. Pressing MENU, then select System Setup, Installation, and then Phone System.
2. Select the Touch Tone or the Rotary Phone option in the Phone Type list.
3. Select either the No Prefix or the Prefix Code option in the Outside Line Prefix list.

Note: Usually, you need a telephone number prefix only for business installations. For most residential installations, all you need to do is set the telephone system type. The default setting of No Prefix will allow correct dialing. If this is the case, select the Save option to save the above setting, and stop here. If you do need to set a prefix, then instead of selecting the Save option, go on to step 5.

4. If you selected No Prefix, select Done.
5. If you selected Prefix Code, the receiver highlights the box where you must enter the exact sequence you dial the phone to obtain an outside line.
6. Select Done.

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USING TROUBLESHOOTING TOOLS

Your receiver has troubleshooting tools that a Customer Service Representative may ask you to use if you should ever run into problems while using your equipment. Even though these tools are quite helpful, it is recommended that you only use them when on the phone with a Bell TV representative.

RESETTING YOUR RECEIVER

Reset your receiver as directed by the Customer Service Representative as follows:

1. Press and hold the POWER until the TV goes blank.
2. Let go of the front panel POWER.

It will take a few minutes for your receiver to reset and come back on. When you reset your receiver, your receiver may have to download an updated Program Guide. If this is the case, it may take longer for the receiver to come back on.

DIAGNOSTICS

The Customer Service Representative may ask you to open the Diagnostics screen. Remember to have an active phone line connected to your receiver.

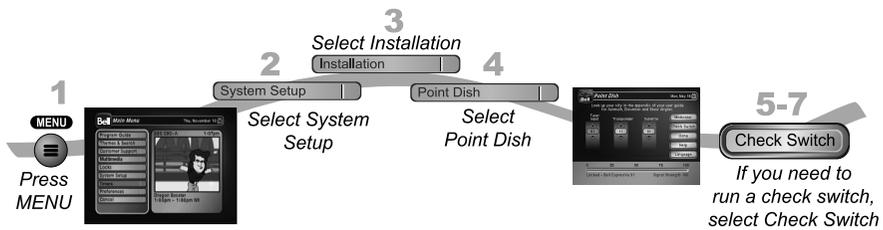
1. Press MENU, select System Setup, and then select Diagnostics. The Diagnostics screen shows you various tests the Customer Service Representative may ask you to perform on your receiver:
 - Connection - Tests for a valid receiver phone connection.
 - Dial Out - If “No Dial Out Pending” is displayed, the receiver does not need to have its smart card records updated.
 - Counters - Shows you a list of diagnostic counters. Use PAGE UP and PAGE DOWN to scroll through the list of counters displayed.
2. Select Done.

Connections and Setup Using Troubleshooting Tools

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POINT DISH AND CHECK SWITCH

The Point Dish and Check Switch screens are helpful to the Customer Service Representatives. You may be asked to display these screens when you call Bell TV. Even though there are items that can be changed, only change them when specifically directed by a Customer Service Representative.



1. Press MENU.
2. Select System Setup.
3. Select Installation.
4. Select Point Dish. This screen shows you information to help maximize your satellite signal. The bar at the bottom of the screen tells you the signal strength. Green is a good signal, while red indicates the signal is not acceptable or is from the wrong satellite.
5. Select Check Switch to display the Installation Summary screen. The Installation Summary screen tells you if you are receiving signals from the satellites and which multidish switches you have installed, if any.
6. Select Test only if directed by the Customer Service Representative.
7. Select Done.



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Notes

