Quick Start Guide

Network Your

DIRECTV Plus®

HD DVR

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DIRECTV®

Network Your DIRECTV Plus® HD DVR QUICK-START GUIDE

DIRECTV

Your DIRECTV Plus® HD DVR is network-capable, meaning it can connect to your home network and the internet. And, with the proper equipment (as outlined below), your DIRECTV Plus® HD DVR can access Media Share, the exciting new service that allows you to stream pictures and music from your home computer!

This Quick-Start Guide will show you how to connect your DIRECTV Plus®HD DVR to your home network and use Intel® Viiv™ Processor Technology-based PC to use Media Share. Installation is quick and easy, just follow the steps!

Before You Begin Requirements:

➤ Intel® Viiv™ Processor Technology-based PC
(look for the Intel® Viiv™ sticker on the computer).

➤ Router (Intel® Viiv™ Technology - compliant router preferred. Look for the "Enjoy with Viiv" sticker on the router).

➤ Broadband internet connection

➤ The latest version of the Intel® Viiv™ Media Share Software
- Windows XP systems require Version 1.5 or higher
- Windows Vista systems require Version 1.6 or higher
If you don't have this software, go to
www.directv.com/mediashare to download it.

There are three (3) ways to connect your DIRECTV Plus® HD DVR to your home network:

1. Wired Connection
2. Powerline Connection
3. Wireless Connection

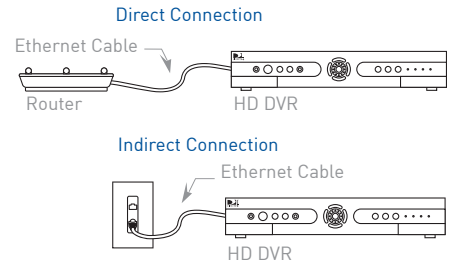## WIRED CONNECTION

A wired connection is a direct or indirect connection between your DSL/cable router and your DIRECTV Plus® HD DVR via an Ethernet cable. Note that your equipment may look different.
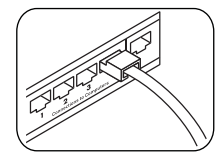
Direct Connection

Ethernet Cable
Router   HD DVR

Along with the requirements listed on page 2, you will need:

Indirect Connection

Ethernet Cable

HD DVR

➤ Cat5 Wiring in your home.
This means that you have Broadband ready Ethernet jacks that
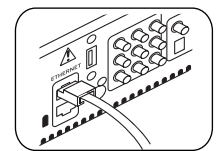you can plug into in different areas of your home

Step 1

If you can access your router, make sure that that it is providing Broadband to the Ethernet jack that you are connecting your HD DVR to.

Ethernet cable connects to an unused port on the router.

Step 2

Plug one end of the Ethernet cable into the Ethernet port located on the back of your HD DVR. (Note: You may have one or two Ethernet ports, depending on your model. If you have 2, use the TOP Ethernet port.)

Connect the other end of the Ethernet cable into an Ethernet Adapter device (Wall Mount or Power Strip), and plug the Ethernet Adapter device into a wall outlet.

Ethernet cable plugs into HD DVR.

Step 3

Verify that You are Connected!

Go to your DIRECTV Plus® HD DVR:

Press Menu On Your DIRECTV Remote>

Select Help & Settings>

Select Setup>

Select Network>

Choose Connect Now

If your HD DVR immediately recognizes the network connection you will receive this Congratulations screen.
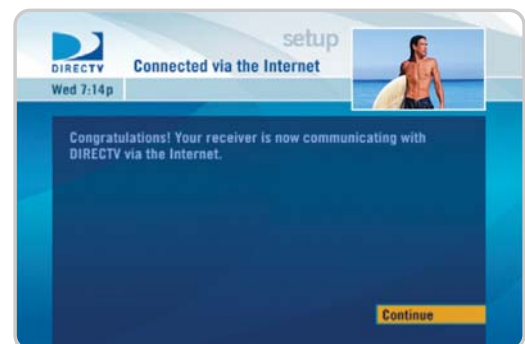 (See Figure A.)

Figure A

If your HD DVR does not immediately recognize the network connection, you will get the option to choose your Connection method. You should choose Wired.
 (See Figure B.)

Figure B

POWERLINE CONNECTION

A powerline connection uses your home's existing power lines to connect your DSL/cable router to your DIRECTV Plus®HD DVR via an Ethernet Adapter that uses HomePlug(R) or a similar power line technology.
Two Ethernet Adapters are needed: one to connect to the router and one to connect to the DIRECTV Plus® HD DVR.

Note: If you live in an apartment or condo, you may have to adjust the security settings on your Ethernet Adapter to ensure that your neighbors with similar adapters do not intercept your data. Refer to the manufacturer's instructions for your Ethernet Adapter.
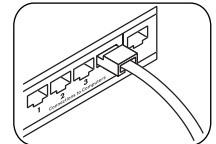
Along with the requirements listed on page 2, you will need:

➤ 2 Ethernet Adapter Devices

➤ 2 Ethernet Cables

IMPORTANT: Please be advised that your Ethernet Adapters must be plugged directly into a wall. However, if you have power strip that is certified to work with your Ethernet Adapter, you may use it. If you do not have a certified power strip, you must plug your Ethernet Adapter directly into an electrical outlet.

Step 1

Connect one end of an Ethernet cable to an unused port on the back of your router.
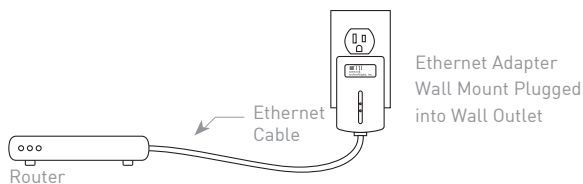

Ethernet cable connects to an unused port on the router.

Step 2

Connect the other end of the Ethernet cable to the Ethernet jack on the Ethernet Adapter. If your Ethernet Adapter is combined with your power strip, then plug your power strip into the wall and connect the Ethernet cable to the jack on the power strip.
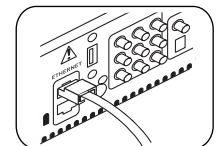
Power Strip Configuration

Ethernet Adapter Wall Mount Plugged into Wall Outlet

Ethernet Cable

Router

Step 3

At the back of the DIRECTV Plus®HD DVR, connect another Ethernet cable into the back of your DIRECTV Plus®HD DVR.
(Note: You may have one or two Ethernet ports, depending on your model. If you have 2, use the TOP Ethernet port.)
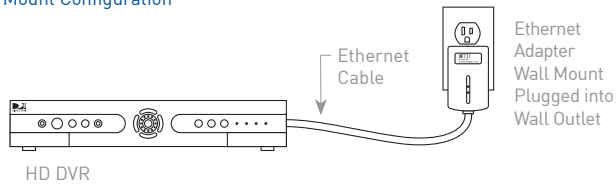

Ethernet cable plugs into HD DVR.

POWERLINE CONNECTION

Step 4

Connect the other end of the Ethernet cable to the other Ethernet Adapter.

Wall Mount Configuration

Ethernet
Cable

Ethernet
Adapter
Wall Mount
Plugged into
Wall Outlet

HD DVR

Step 5

Verify that You are Connected!

Go to your DIRECTV Plus®HD DVR:

Press Menu On Your DIRECTV Remote>

Select Help & Settings>

Select Setup>

Select Network>

Choose Connect Now

If your HD DVR immediately recognizes the network connection you will receive this Congratulations screen.
 (See Figure A.)

If your HD DVR does not immediately recognize the network connection, you will get the option to choose your Connection method. You should choose Powerline.
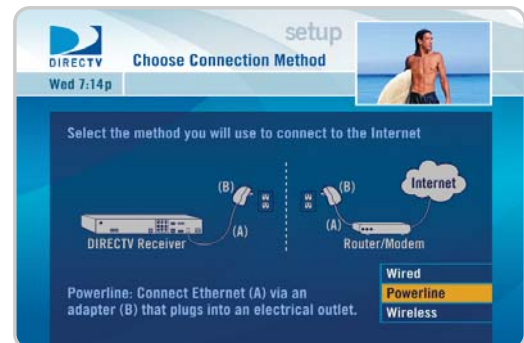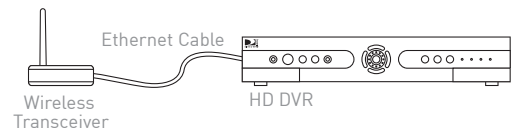 (See Figure B.)

Figure A

Figure B

WIRELESS CONNECTION

A wireless connection uses your own wireless router and a wireless transceiver to send data from your DSL/cable router to the DIRECTV Plus® HD DVR. Please be advised that DIRECTV does not recommend using a wireless device, because it may not provide the best experience. For the best digital entertainment experience, the better options are Wired and Powerline. However if you prefer to use Wireless, you must follow the manufacturer's directions on configuring your Wireless device. These instructions will help you to make the right connections to your DIRECTV Plus® HD DVR.
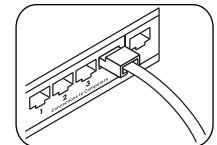
Along with the requirements listed on page 2, you will need:

➤ A Wireless Transceiver that uses an Ethernet Port to connect to a media device.

➤ A Wireless Router (in place of a regular router).

Ethernet Cable

Wireless Transceiver   HD DVR

Step 1

Connect one end of an Ethernet cable to the LAN port on the back of the wireless transceiver.
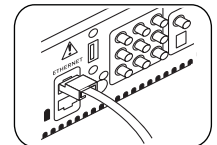
Ethernet cable connects to the LAN port of the wireless transceiver.

Step 2

Connect the other end of the Ethernet cable to the DIRECTV Plus® HD DVR jack labeled ETHERNET.

(Note: You may have one or two Ethernet ports, depending on your model. If you have 2, use the TOP Ethernet port.)

Ethernet cable plugs into HD DVR.

Step 3

Verify that You are Connected!

Go to your DIRECTV Plus®HD DVR:

Press Menu On Your DIRECTV Remote>

Select Help & Settings>

Select Setup>

Select Network>

Choose Connect Now

If your HD DVR immediately recognizes the network connection you will receive this Congratulations screen. (See Figure A.)

Figure A

If your HD DVR does not immediately recognize the network connection, you will get the option to choose your Connection method. You should choose Wireless. (See Figure B.)

Figure B

At this point your DIRECTV Plus®HD DVR should now be connected to your home network. You can take advantage of your new networking capabilities by using your Intel® Viiv™ - capable to stream music and photos to your DIRECTV Plus®HD DVR. This section describes the steps.
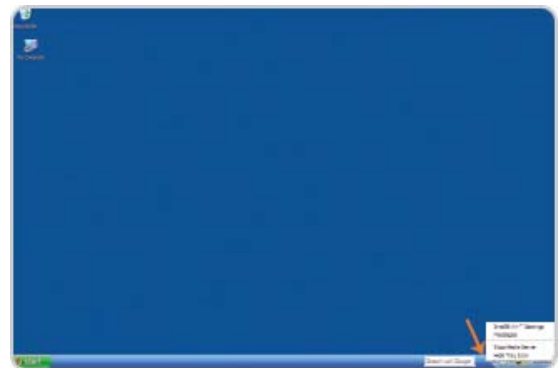
Intel®Viiv™ is a technology developed by Intel® to transform your home computer into a digital entertainment center. DIRECTV Plus®HD DVR takes advantage of Intel® Viiv™ Technology to stream music and photos from an Intel® Viiv™ Processor Technology-based PC.

Once you've successfully connected your hardware, you can verify that your DIRECTV Plus®HD DVR is connected at any time.

Step 1

The first step in preparing your home computer for the Intel® Viiv™ experience is to set up the Intel® Viiv™ Technology.

Double-click on the Intel® Viiv™ icon at the bottom-right corner of the screen to display the Intel® Viiv™ settings screen.

Step 2

Click on View Network Map to display the getting started screen.

"Actual screen may appear different."

Step 3

After a few minutes, the network map is displayed. If everything is set up correctly, you should see the internet icon, your computer (labeled "INTEL-PC" in this example), your router (labeled with the IP address), and and a device with an IP address that has a question mark denoting that it is Unknown.
You can confirm that it is your DIRECTV Plus® HD DVR by comparing the IP Address on the screen with the IP Address that is displayed in the "Advanced Setup" screen in your DIRECTV Plus® HD DVR "Network Setup" menu.

Select the "Unknown" device.

Step 4

Follow the steps to approve the device and grant it access to the Intel® Viiv™ Media Server. Verify that the status is "approved" and that the DIRECTV Plus® HD DVR has access to the Intel® Viiv™ Media Server.

Step 5

The final step in this process is to add your music and photos to your Intel® Viiv™ Media Library. Return to the main menu, select Media Library and follow the instructions to build your library.

You're finished! The Intel® Viiv™ settings are now set. In the next section we'll show you how to play music and view photos on your DIRECTV Plus® HD DVR.

Use Media Share

Step 1

After setting up the Intel® Viiv™ Technology on the PC in the previous section, the next step is to start the media server.

Right-click on the Intel® Viiv™ Technology icon at the lower right corner and select Start Media Server.

Step 2

After a few moments, an on-screen message will display on your TV screen to confirm the connection. Press the SELECT button on the remote to select CONTINUE.

Step 3

Press the MENU button on the remote control again to display the MENU, then select "Music & Photos".

The Media Share screen will display.

Step 4

Select Music to go to the Music Submenu. Access music by Artist, Album, Song and even Playlists! You can also select your favorite XM Music Channel.

Your favorite music will play as you watch your TV or view photos from your Intel® Viiv™ Processor Technology-based PC.

Step 5

Once the desired songs are selected from the Music Submenu, the song's information will display on the Trick Play bar.

Step 6

If you want to view photos, go to the Photos Submenu. Select Browse and you can see several photos at once!

Step 7

You can listen to music and display photos at the same time.

Host a party and show your friends your favorite digital photos on the big screen!

Step 8

Pressing the yellow button on your remote control toggles control between music and photos or video.

Pressing the stop button while in music control stops the music from playing and the audio from the current channel is then heard.

Pressing the stop button while in photo control stops the display of photos and displays the video from the current channel.