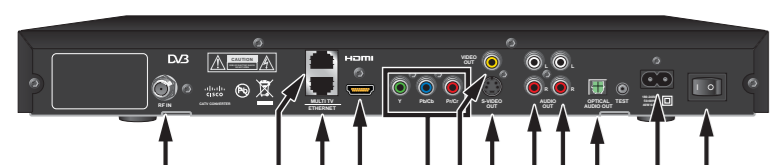


Cisco Digital Set-Top Recorder

Model 8389DVB Digital Video Recorder



Back Panel

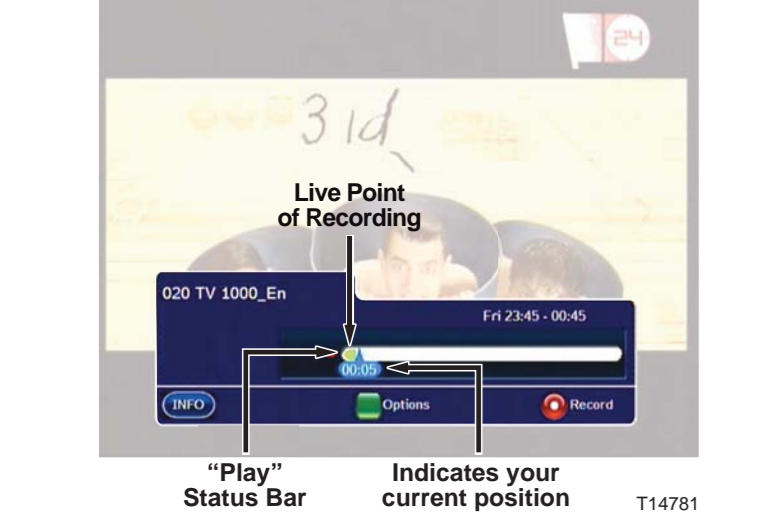


- 1 RF In** Connects to the RF cable that delivers the signal from your service provider.
- 2 Multi TV** Reserved for future use.
- 3 Ethernet** Connects to Ethernet-equipped device.
- 4 HDMI** Connects to HDMI™ input of TV.
- 5 Y Pb Pr** Connects to component video input of TV.
- 6 Video Out** Connects to composite video input of TV.
- 7 S-Video Out** Connects to S-video input of TV.
- 8 Audio Out (L/R)** Connects to left/right audio inputs of TV or other device.
- 9 Audio Out (L/R)** Connects to left/right audio inputs of TV or other device.
- 10 Optical Audio Out** Connects to optical audio input of a TV or other device.
- 11 AC In** Connects to a power receptacle.
- 12 On/Off Switch** Turns set-top on and off.

DVR Functions

Understanding the Live TV Buffer and Recordings

The Live TV Buffer allows you to control Live TV and DVR recording while you are watching live TV. This DVR buffer stores 60 minutes of content from the channel you are watching.



We will use two examples to show how the Live TV Buffer works. For both examples, we will assume that a football match on a sports channel starts at 3:00 PM and ends at 4:05 PM.

Example 1: You tune to the sports channel at 2:45 PM (15 minutes before the football match starts). You decide to start recording the football match between 3:00 PM and 3:45 PM, so you press the **RECORD** button on your remote and then you select the option to record until the end of the program.

Thanks to the Live TV Buffer, you will record the entire football match to your DVR because the Live TV buffer contains the program from the time it started at 3:00 PM.

Favorites List

To view a different Favorites list in the EPG, press **EPG**, then press the **Red** key. When you press the **Red** key, the favorite name becomes highlighted and you can navigate left and right to change the Favorites list. The box at the top of the grid shows the current Favorites list.

Use the left and right arrow keys to select a different Favorites list, and then press **OK**.

Setting Up Favorites Lists

To set up or change a Favorites list in the Main Menu, use the arrow keys to scroll down to Favorites and click **OK**. Any Favorites list that you create will be marked with a blue star. These are the only lists you can change.

Press the **Green** key to create a list. Use the arrow keys to enter a name for the list. Use the up and down arrows to change characters, and use the right arrow key to add new characters. Press **OK** when you finish entering the name.

The list of available channels appears on the right-hand side of the screen. Use the up and down arrows to select the channels you want to add, and press the **Green** key to add them to the list of favorite channels on the left.

Notice for Installers

The servicing instructions in this notice are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions, unless you are qualified to do so.

Note to System Installer

For this apparatus, the essential safety instructions shall be provided as close as practical to the point of entry of the cable into the building. The instructions shall be in the US and Canada, the remainder is provided to call the system installer's attention to the applicable IEC and/or ENEC and/or IEC or Canadian Electrical Code Part 1, which provides guidelines for proper grounding of the coaxial cable shield.

CAUTION To reduce the risk of electric shock, do not remove cover (or back). Do not use serviceable parts inside. Refer servicing to qualified service personnel.

AVIS Pour réduire le risque de choc électrique, ne retirez pas le couvercle (ou l'arrière). Ne pas utiliser de pièces remplaçables à l'intérieur. Référez-vous au service-technicien qualifié.

WARNING TO PREVENT FIRE/ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

This symbol is intended to alert you that unshielded voltage within this product may have sufficient magnitude to cause injury or death. Therefore, it is dangerous to touch any conductive surface when the product is powered on or when it is connected to live power. Do not touch the product or its components when it is powered on or when it is connected to live power. Do not touch the product or its components when it is powered on or when it is connected to live power. Do not touch the product or its components when it is powered on or when it is connected to live power.

20080814_Installer200

Connecting the Set-Top

To connect your set-top to your entertainment devices, complete these steps.

- 1** Connect your TV to the set-top. (See connection diagram.)
- 2** Plug the set-top and the TV into a power source that is not controlled by a wall switch.
- 3** Do not turn on the set-top or TV yet.
- 4** Wait for the power LED to illuminate. It may take several minutes for the set-top to receive the latest software, programming, and service information.
- 5** Press **POWER** on the remote control.
- 6** The first time you turn on the set-top, the Setup Wizard will start. Read and follow the directions on the screen to get your set-top ready for use.

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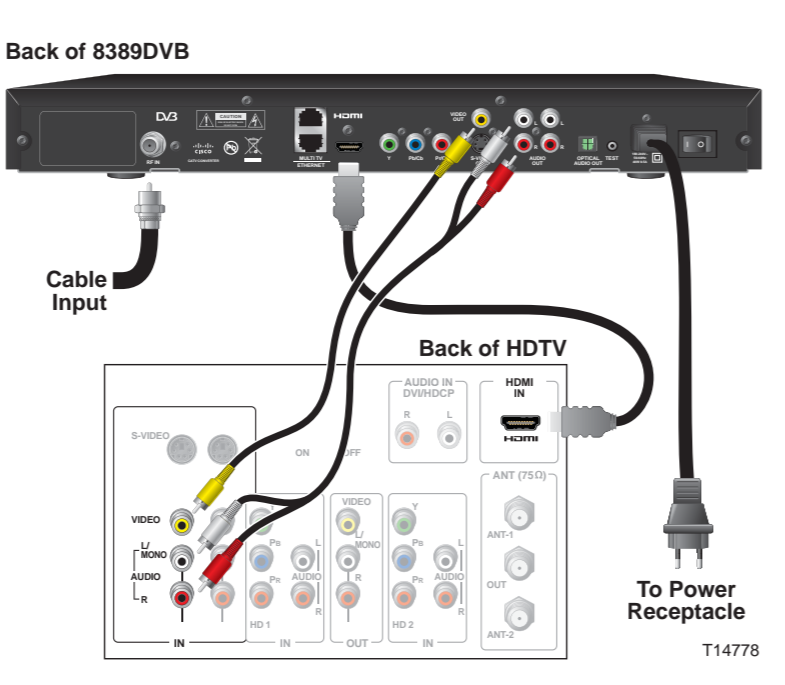
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Connecting to a TV

WARNING: Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables to the set-top.



Back of 8389DVB

Back of HDTV

To Power Receptacle

T14778

IMPORTANT SAFETY INSTRUCTIONS, continued

- 1) Read these instructions.
 - 2) Keep these instructions.
 - 3) Read all warnings.
 - 4) Follow all instructions.
 - 5) Do not use this apparatus near water.
 - 6) Clean only with dry cloth.
 - 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that could radiate heat.
 - 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 11) Only use attachments/accessories specified by the manufacturer.
 - 12) Use only with the car, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/appliance combination to avoid injury from tip-over.
 - 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Power Source Warning**
- A label on this product indicates the correct power source for this product. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. If you are uncertain of the type of power supply to your home or business, consult your service provider or your local power company.
- The AC cord on the unit must remain accessible and operate at all times.
- Ground the Product**
- WARNING: Avoid electric shock and fire hazard!** If this product connects to coaxial cable wiring, be sure the cable system is grounded (earthed). Grounding provides some protection against voltage surges and built-up static charges.
- WARNING: Avoid electric shock and fire hazard!** Do not overload AC mains, outlets, extension cords, or integral convenience receptacles. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.
- Protect the Product from Lightning**
- In addition to disconnecting the AC power from the wall outlet, disconnect the signal inputs.
- Verify the Power Source from the On/Off Power Light**
- When the on/off power light is not illuminated, the apparatus may still be connected to the power source. The light may go on when the apparatus is turned off, regardless of whether it is plugged into an AC power source.
- Eliminate AC Mains Overloads**
- WARNING: Avoid electric shock and fire hazard!** Do not overload AC mains, outlets, extension cords, or integral convenience receptacles. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.
- Battery Safety**
- Insert batteries correctly. There may be a risk of explosion if the batteries are incorrectly inserted. Do not attempt to recharge disposable or non-rechargeable batteries.
- Follow the instructions provided for charging rechargeable batteries with the same or equivalent type that we recommend.
- Do not expose batteries to excessive heat (such as sunlight or fire).
- Do not expose batteries to temperatures above 100°C (212°F).
- Battery Disposal**
- The batteries may contain substances that could be harmful to the environment.
- Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local, state, and federal regulations.
- Check Product Ventilation**
- Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that the product is in proper operating condition.
- Protect the Product When Moving It**
- Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.
- 20090915_Cable_Safety

Watch TV

When you turn on the set-top, you will see a screen with the service provider logo until the set-top has downloaded the latest programming information.

Setup Wizard

The first time you turn on the set-top, you will see the Setup Wizard window. In the Setup Wizard you can select the language and screen settings for your set-top. Read and follow the directions on each screen of the Setup Wizard.

If you want to change any of the settings at a later time, you can access the Setup Wizard by choosing **Revert to Factory Settings** within the Settings option on the Main Menu. Doing so will erase all of your setup choices and display the Setup Wizard again.



Handling Disposable Batteries

This product may contain disposable batteries. See the following warnings and follow the Battery Safety and Battery Disposal instructions below.

WARNING: There is danger of explosion if the battery is incorrectly inserted or recharged. Replace only with the same type of battery. Do not attempt to recharge disposable or non-rechargeable batteries. Do not use a liquid cleaner or an aerosol cleaner. Do not use a magnetostatic cleaning device (deus remover) to clean this product.

WARNING: Avoid electric shock and fire hazard! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

Service Warnings

WARNING: Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

Check Product Ventilation

Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that the product is in proper operating condition.

Protect the Product When Moving It

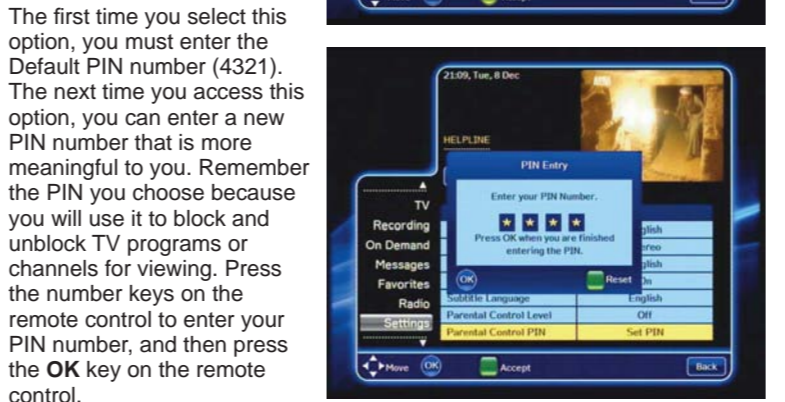
Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.

20090915_Cable_Safety

Set Parental Control PIN

To set the Parental Control PIN, press the **Menu** key on the remote control, then scroll down to **Settings** and press the **OK** key. Then scroll down to **Parental Control PIN** and press the **OK** key.

The first time you select this option, you must enter the Default PIN number (4321). The next time you access this option, you can enter a new PIN number that is more meaningful to you. Remember the PIN you choose because you will use it to block and unblock TV programs or channels for viewing. Press the number keys on the remote control to enter your PIN number, and then press the **OK** key on the remote control.



Revert to Factory Settings

All of your setup choices will be erased if you choose the **Revert to Factory Settings** option.

Enjoy crystal clear pictures and CD quality sound with your Cisco® 8389DVB Digital Video Recorder. Best of all, you can watch what you want to watch when you want to watch it at the press of a button. It's all described in this user guide. Go through it right away to learn about each feature and to help you enjoy your experience to the fullest.

Before using the set-top, read the Important Safety Instructions section of this guide.

Serial Number and MAC Address

Your service provider may ask for the serial number or the MAC address of the set-top if your system requires troubleshooting in the future. Look for the serial number and the MAC address on the bottom of the set-top.

Write the serial number here: _____

Write the MAC address here: _____

Before using the set-top, read the Important Safety Instructions section of this guide.

Service Warnings

WARNING: Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

WARNING: Avoid electric shock and fire hazard! Never push objects through the openings in this product. Foreign objects can cause electrical shorts that can result in electric shock or fire.

Service Warnings

WARNING: Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

Check Product Ventilation

Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that the product is in proper operating condition.

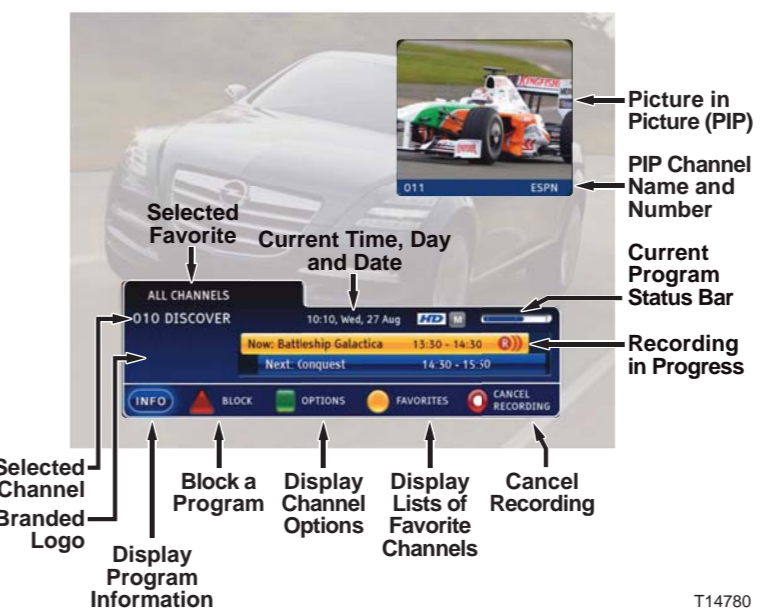
Protect the Product When Moving It

Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.

20090915_Cable_Safety

Navigator Bar

The Navigator Bar displays information about current and future programs. To access the Navigator Bar, press the **INFO** key on the remote control.



Color-Coded Options

The selection options at the bottom of the Navigator Bar (and on several other screens) are color-coded to match these four keys on your remote control. To access your selection, press the color-coded key on the remote control.

Note: When the Navigator Bar is not displayed, you can use the Red color-coded key to zoom (1x, 2x, 4x) the video on your TV.

About the Remote Control

1. Set-top mode control
2. TV mode control
3. Power On and Off
4. Access DVR recordings
5. Watch live TV
6. Pause recording
7. Fast-forward recording
8. Set a recording
9. Access the Main Menu
10. Obtain program information
11. Go to last channel or previous menu item
12. Page through the program guide
13. Scroll through menu items
14. Access color-coded screen options
15. Access ON DEMAND features
16. Scroll through channels
17. Select Favorite channels
18. Access Picture-in-Picture (PIP) features
19. Mute volume
20. Adjust volume
21. Page through the program guide
22. Exit the guide and menus
23. Access the guide
24. Rewind recording
25. Stop recording playback
26. Instant Replay (go back 7 seconds)

Main Menu

The Main Menu provides a menu of your favorite interactive services and popular channels. To access the Main Menu, press the **HOME** button on your remote control.

Guide: Displays the Program Guide, with all available channels and scheduled recordings.

TV: Programs are sorted by categories, as determined by your service provider.

Recording: Access recordings stored on the hard drive, view and modify future recordings and set manual recordings.

On Demand: Displays Games, Services, PPV, and Video On Demand (if offered by your service provider).

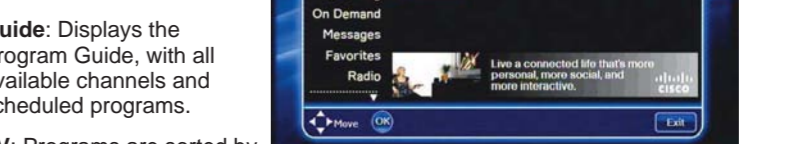
Messages: View messages and check what important announcements your service provider has for you.

Favorites: View and navigate through your lists of Favorites, making your experience more efficient and faster. This option also allows you to create your own lists.

Radio: Displays a list of audio channels.

Settings: Change various settings, such as languages, parental control options, and navigator type. Also allows you to revert to the factory settings for your set-top.

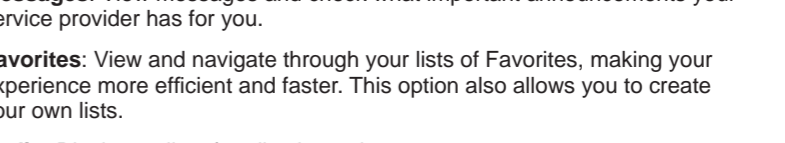
After you select an option, you can press **Back** to return to the Main Menu. Press **Exit** to leave the Main Menu.



TV Categories

When you select TV in the Main Menu, you can choose the category of program that you want to watch.

Select the desired category and press **OK** on the remote control to see channels in the selected category. You can still watch the selected channel on the video window inside the Categories screen.



Program Information

To access program information, press the **INFO** key on the remote to bring up the navigation banner. Press the **INFO** key again.

The info window displays detailed information about the program. Press the **EXIT** key to return to the navigation banner.

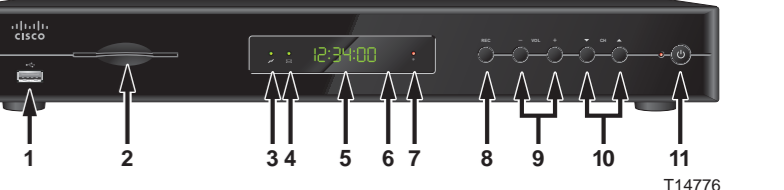
Press the arrow keys to scroll to information about other programs.

Options

To access the Options window, press the **INFO** key on the remote control, and then press the color-coded key on the remote control for the channel options.

The Options window displays selectable audio and video settings for the current channel.

Front Panel



- 1 USB Port** Reserved for future use
- 2 Smart Card Slot** Reserved for future use
- 3 Arrows** Indicates an active cable modem link
- 4 Envelope** Indicates a message
- 5 Display** Displays the selected channel number and time of day
- 6 IR Sensor** Receives the infrared signal from the remote control. The sensor is behind the front panel
- 7 @** Illuminates to indicate a recording in progress
- 8 Record** Press to enable an instant recording
- 9 Vol-, Vol+** Adjusts volume
- 10 CH-, CH+** Scrolls through channels
- 11 Power** Turns the set-top on and off

View Blocked Channels

You will see the Channel Blocked window when you tune to a program that is blocked by Parental Control Rating. To unblock the program, press the **Red** key on the remote control, and then enter your four-digit Parental Control PIN in the PIN Entry window.

Set Blocking Options

From the Navigator Bar, press the **Red** key to show the option to block.

The following options are available:

- Press the **Red** key to block the selected channel
- Press the **Green** key to block one or a list of channels
- Press the **Yellow** key to block one or a list of categories
- Press the **Blue** key to block a time slot

When tuned to a blocked channel, press the **Red** key and enter your PIN to unblock the program.



Electronic Program Guide

The Electronic Program Guide (EPG) displays channel program schedules for the current and future days.

Use the arrow keys and the **OK** key on the remote control to scroll through the guide and select the program you want to view.

Use the color-coded keys on the remote control to switch to a different Favorites list, see program schedules for the previous or next day, or set or remove reminder times.

Record From the Program Guide

1. Press the **GUIDE** button.
2. Press the arrow buttons to select a program, and then press the **RECORD** button.
3. Choose your recording options and then press **OK**.
4. Review the recording you just set in the Scheduled List, press the **HOME** key to go to the Recording Menu, and then navigate to the Scheduled List.

Troubleshooting

If the set-top does not perform as expected, the following tips may help. If you need further assistance, contact your service provider.

No Picture

- Plug the TV and set-top into an electrical outlet that is not controlled by a wall switch.
- Verify that all cables are properly connected.
- Verify that the Power to the TV is turned on.
- Verify that the TV is set to the proper input channel.

No Color

- Verify that the current TV program is broadcast in color.
- Adjust the TV color controls.
- Verify that all audio and coaxial cables are properly connected.

No Sound

- Verify that the TV and set-top are properly connected to an electrical outlet.
- Verify that all cables are properly connected.
- Verify that the TV is set to the proper input channel.
- Verify that the volume is turned on.

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