



Explorer[®] 4000DVB Digital Home Communications Terminal

Bringing the Interactive
Experience
Home[™]

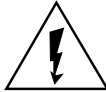


IMPORTANT RULES FOR SAFE OPERATION

Cautions and Warnings



This symbol is intended to alert you of the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.



This symbol is intended to alert you that uninsulated voltage within this product may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this product.



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

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

Read and Retain These Instructions

- Read all of the instructions before you operate this equipment. Give particular attention to all safety precautions. Retain the instructions for future reference.
- Comply with all warning and caution statements in the instructions. Observe all warning and caution symbols that are affixed to this equipment.
- Comply with all instructions that accompany this equipment.

Cleaning the Equipment

Before cleaning this equipment, unplug it from the electrical outlet. Use a damp cloth to clean this equipment. Do not use a liquid cleaner or an aerosol cleaner. Do not use a magnetic/static cleaning device (dust remover) to clean this equipment.

IMPORTANT RULES FOR SAFE OPERATION, continued

Placement

Place this equipment in a location that is close enough to an electrical outlet to accommodate the length of the mains cord. Place this equipment on a stable surface. The surface must support the size and weight of this equipment.



WARNING:

Avoid personal injury and damage to this equipment. An unstable surface may cause this equipment to fall.

Ventilation

This equipment has openings for ventilation that protect it from overheating. To ensure the reliability of this equipment, do not obstruct the openings.

- Do not place other equipment, lamps, books, or any other object on the top of this equipment.
- Do not place this equipment in any of the locations that follow:
 - On a bed, sofa, rug, or similar surface
 - Over a radiator or a heat register
 - In an enclosure, such as a bookcase or equipment rack, unless the installation provides proper ventilation



WARNING:

Avoid electric shock and fire hazard. Never push objects through the openings in this equipment. Objects can touch dangerous voltage points or cause electrical shorts that can result in electric shock or fire.

Accessories

Do not use accessories with this equipment unless recommended by your cable company.

Liquid or Moisture

Do not expose this equipment to liquid or moisture. Do not place this equipment on a wet surface. Do not spill liquids on or near this equipment.

Servicing

Do not open the cover of this equipment. If you open the cover, your warranty will be void. Refer all servicing to qualified personnel only. Contact your cable company for instructions.

IMPORTANT RULES FOR SAFE OPERATION, continued

Mains Cord Protection

Arrange all mains cords so that people cannot walk on the cords, place objects on the cords, or place objects against the cords, which can damage the cords. Pay particular attention to cords that are at plugs, at electrical outlets, and at the places where the cords exit the equipment.

Power Sources

A label on this equipment indicates the correct power source for this equipment. Operate this equipment only from an electrical outlet that has the voltage and frequency that the label indicates.

If you are unsure of the type of power supply to your residence, consult your cable service provider or your local power company.



WARNING:

Avoid electric shock and fire hazard. Do not overload electrical outlets and extension cords. For equipment that requires battery power or other sources to operate, refer to the operating instructions for that equipment.

Damage that Requires Service

For damage that requires service, unplug this equipment from the electrical outlet. Refer service to qualified service personnel when any of the following occurs:

- There is damage to the mains cord or plug
- Liquid enters the equipment
- A heavy object falls on the equipment
- There is exposure to rain or water
- Operation is not normal (the instructions describe the proper operation)
- If you drop this equipment, or damage the cabinet of this equipment
- If this equipment exhibits a distinct change in performance

Upon completion of any service or repairs to this equipment (home terminal), the service technician will perform safety checks to determine that the equipment is in proper operating condition.

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Getting Started

Introducing the Explorer 4000DVB DHCT

Congratulations! You are about to experience the finest in cable programme viewing using the Explorer® 4000DVB Digital Home Communications Terminal (DHCT).

The Explorer 4000DVB DHCT is a set-top converter that can view digital signals and provides exceptional picture quality.

To begin enjoying the features of the DHCT, use the instructions in this guide to install the DHCT and other optional devices. Learn how to use the basic functions of the DHCT by reviewing the front panel diagram. Then, review the back panel diagram to locate the connections you will need to install the DHCT.

To obtain additional information about the DHCT and its capabilities, join our online Explorer eClub. See **Joining the Explorer eClub**, later in this guide.

When installation is complete, read the brief instructions for using the DHCT. If needed, read the performance tips to give you the best possible viewing pleasure.

If you have any questions, contact your cable service provider for assistance.

Warnings and Cautions

Please read this entire guide before you install or operate this equipment. Look for the following safety symbol throughout this guide:



Read the caution or warning that appears with each safety symbol throughout this guide.

WARNING:

Electric shock hazard! Before connecting or disconnecting any cables to this home terminal, unplug all electronic devices that are or will be connected directly or indirectly to this unit.

CAUTION:

Do not place a magnet, or any type of magnetic or static dust removal device on or near this equipment. Magnetic/static devices may affect the operation of this equipment.

Installing the DHCT

Installation Overview

The following stages provide an overview of the installation process.

1. Determine the optional electronic devices you want to connect to your DHCT by using the information on page 9.
2. Disconnect all electronic devices from their AC mains receptacle.
3. Connect the DHCT to your TV and VCR using the diagrams on pages 13, 14, and 15.
4. Programme your remote control to operate your TV and VCR. See your remote control user's guide.
5. Use your on-screen guide to browse and view your programme preferences.

Installation Tips

Follow these tips for proper DHCT operation:

- If the AC mains is controlled by a wall switch, make sure the switch is always in the **On** position. If you switch the AC mains off, your DHCT is unable to receive the periodic data updates that are sent from the cable service provider.
- To ensure proper ventilation, do not place any objects or devices on top of the DHCT.

Joining the Explorer eClub

Join the Explorer eClub

Scientific-Atlanta invites you to join the Explorer eClub. This online club provides news and “what’s up” information about the Explorer DHCT and offers you a chance to win prizes and other premium items.

Access the Explorer eClub by logging on to the Internet and entering our Web address <http://www.scientificatlanta.com/explorerclub>. Then, follow the instructions to join the club.

To access the Explorer eClub, you must enter the serial number of your DHCT. The number is located on a white, bar code label on the back of your DHCT.



Write the serial number here: _____

Important: If your system requires troubleshooting in the future, your cable service provider may request this number.

Selecting Your Connection Diagrams

Introduction

This section provides a list of electronic devices that connect to your DHCT. The **Optional Devices** list includes devices that may be required for specific combinations of viewing and listening preferences. Identify all of your optional devices. Then, go to the page number shown, and use the diagrams and instructions to connect these devices to the DHCT.

Optional Devices

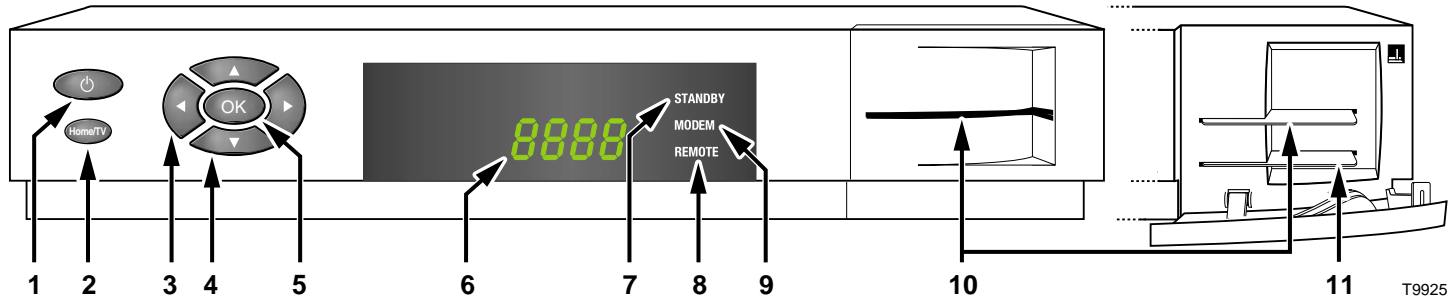
Optional devices must be installed to provide some of the specific sound and viewing preferences. Review the list of optional devices, and go to the page shown for instructions on connecting the device in your system.

- IR devices 12
- Stereo receiver or amplifier for using external speakers 15

TV and VCR Setup

After you connect your optional devices, if any, use the diagrams on pages 13, 14, and 15 to set up your TV and VCR.

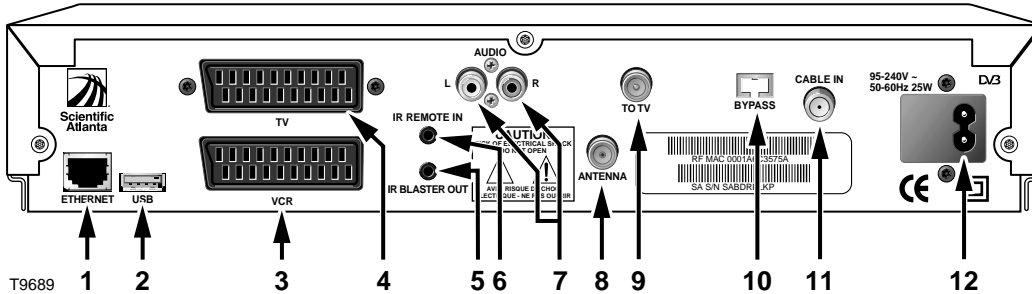
Understanding the Front Panel



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<p>1 Power/Standby</p> <p>2 Home/TV</p> <p>3 Left and right arrow keys</p> <p>4 Up and down arrow keys</p> <p>5 OK</p> <p>6 Display</p>	<p>Activates the functions of the DHCT</p> <p>Accesses services offered by cable service provider</p> <p>Increases or decreases volume</p> <p>Scrolls up or down through the channels</p> <p>Confirms or accesses on-screen options</p> <p>Displays the channel numbers</p>	<p>7 Standby</p> <p>8 Remote</p> <p>9 Modem</p> <p>10 Upper card slot</p> <p>11 Lower card slot</p>	<p>Indicates the DHCT is in standby mode</p> <p>Indicates the remote control is communicating with the DHCT</p> <p>Indicates the modem is communicating with the DHCT</p> <p>Allows e-commerce functions using a smart card</p> <p>Provides access to cable programming; DHCT will <i>not</i> function if card is removed</p>
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Understanding the Back Panel



Note: The back panel of your DHCT may vary slightly from this diagram.

- | | | | |
|------------------|---|-------------------|---|
| 1 Ethernet | Connect an Ethernet-equipped computer, optional | 7 Audio (L/R) | Connect to left/right audio inputs of a stereo receiver or a TV with stereo sound |
| 2 USB | Connect to external equipment (Universal Serial Bus) | 8 Antenna | Connect terrestrial aerial |
| 3 VCR | Connect to a SCART-equipped VCR | 9 To TV | Connect to RF input of TV or VCR |
| 4 TV | Connect to a SCART-equipped TV | 10 Bypass | Connect an optional RF Bypass module |
| 5 IR Blaster Out | Connect optional external remote control or IR input device | 11 Cable In | Connect to cable signal from cable service provider |
| 6 IR Remote In | Connect to external IR receiver | 12 AC Mains Inlet | Connect the DHCT to a mains outlet |

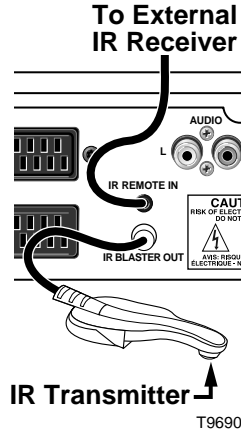
Connecting Optional IR Devices

Connecting IR Devices

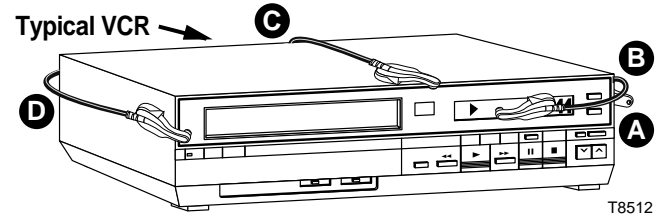
If your cable service provider offers this feature, a TV or VCR can be controlled through a device consisting of an infrared (IR) transmitter and a cable. This device is an IR Blaster. Connect the IR Blaster to your DHCT as shown.

You can connect an external IR receiver device to the IR Remote In.

Note: The IR Blaster cable for your device may appear slightly different from the IR Blaster cable shown in this diagram.



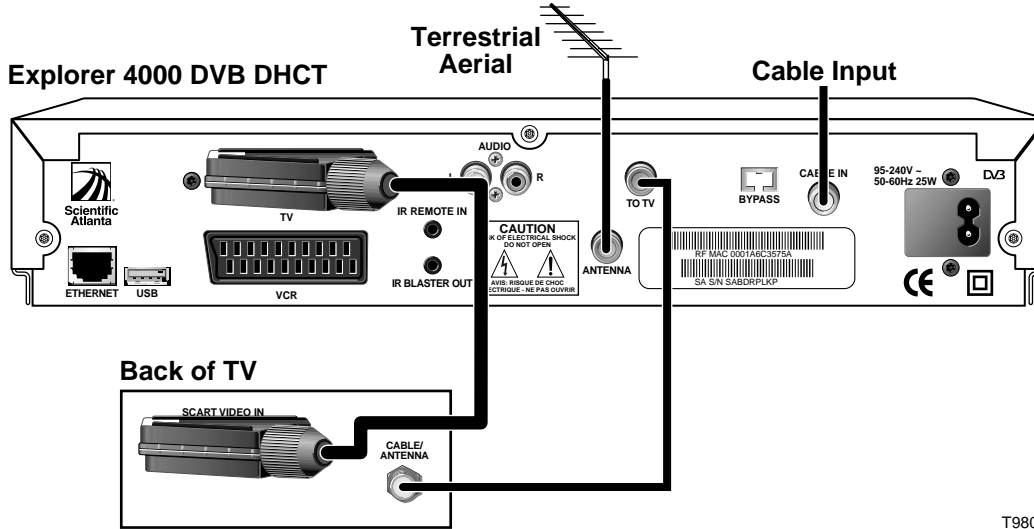
After connecting the IR Blaster cable to your DHCT, place the IR transmitter in one of the locations (A, B, C, or D) as shown in the following diagram. These locations represent the locations most likely to transmit IR signals to your VCR from the IR transmitter.



Note: Contact your cable service provider for additional information about the IR Blaster.

Connecting Entertainment Devices

Connecting a TV Using a SCART Connector



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Required Cables

- 1 SCART Cable
- 1 75Ω Coaxial Cable

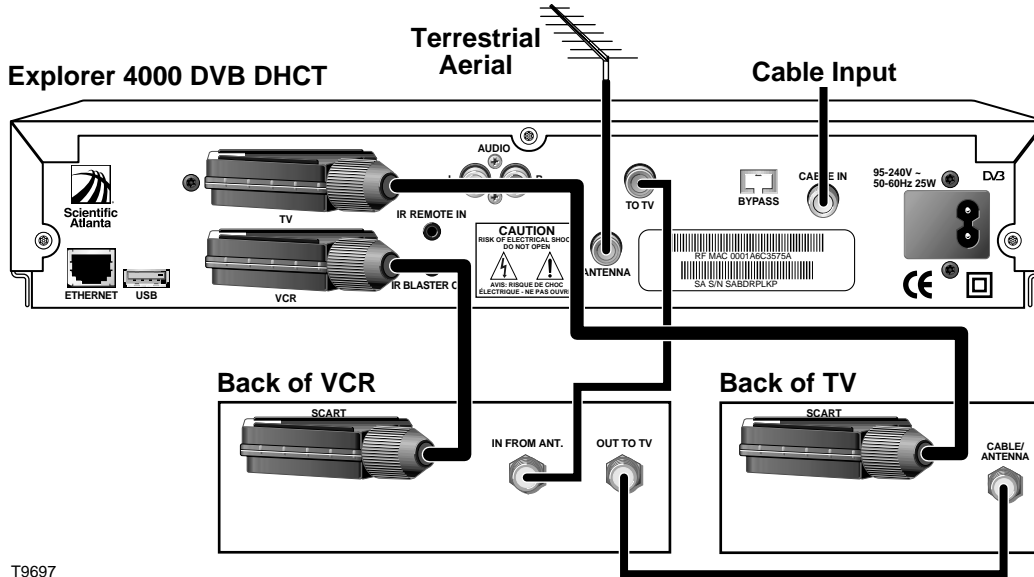


WARNING:

Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables.

Connecting Entertainment Devices, continued

Connecting a TV and VCR Using a SCART Connector



Required Cables

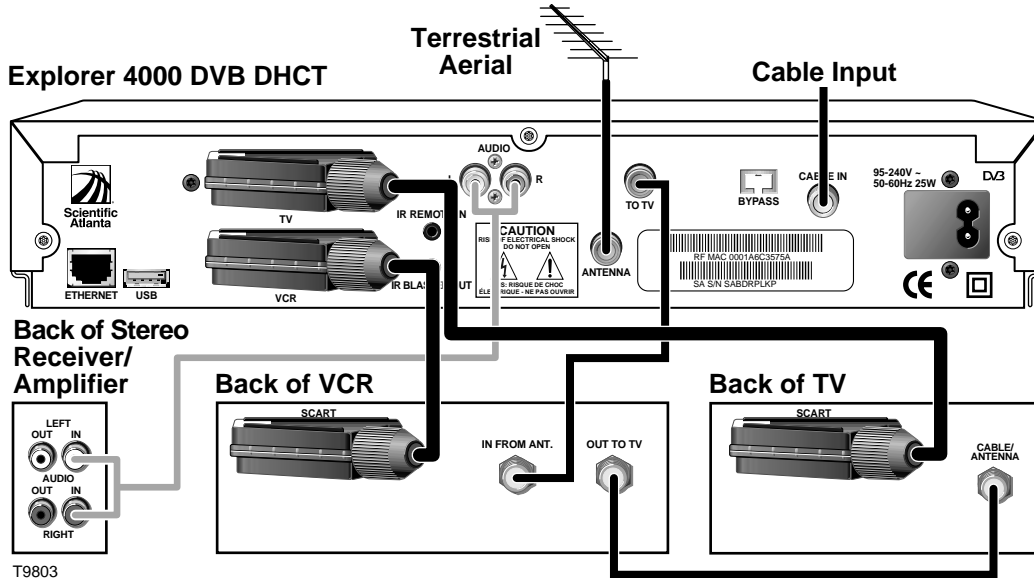
- 2 — 75Ω Coaxial Cables
- 2 — SCART Cables

WARNING:
Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables.

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Connecting Entertainment Devices, *continued*

Connecting a TV, VCR, and Stereo Receiver Using a SCART Connector



Required Cables

- 1 — Stereo/Audio Cable
- 2 — 75Ω Coaxial Cables
- 2 — SCART Cables


WARNING:
Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables.

Using the DHCT

Setting Up the DHCT

After you connect the DHCT to any additional electronic devices in your system, follow these steps to use your DHCT:

1. Verify that the DHCT is connected to the 75 ohm coaxial cable coming from the wall.
2. Plug the DHCT and other devices into your AC mains receptacle.

Important: Do *not* press the Power key () on the DHCT.

3. Turn on the power to your TV and VCR, and tune your TV and VCR to the input channel assigned by your cable service provider.
4. Press the Power key on the DHCT.
5. Programme your remote control to operate your TV and VCR. (Refer to your remote control user's guide for instructions.)
6. Use your remote control keys to operate the DHCT. (Refer to your remote control user's guide for navigating instructions.)

Using the Basic Functions of the DHCT

Control the volume, select channels, select on-screen functions, and change settings using the keys on the front panel of the DHCT or the keys on the remote control.

Using the Remote Control and On-Screen Guide

Read the user's guides that your cable service provider included with the DHCT installation package. These guides provide operating instructions for using your remote control and the on-screen guide, if applicable.

Replacing the Mains Plug Fuse

Replacing the Fuse

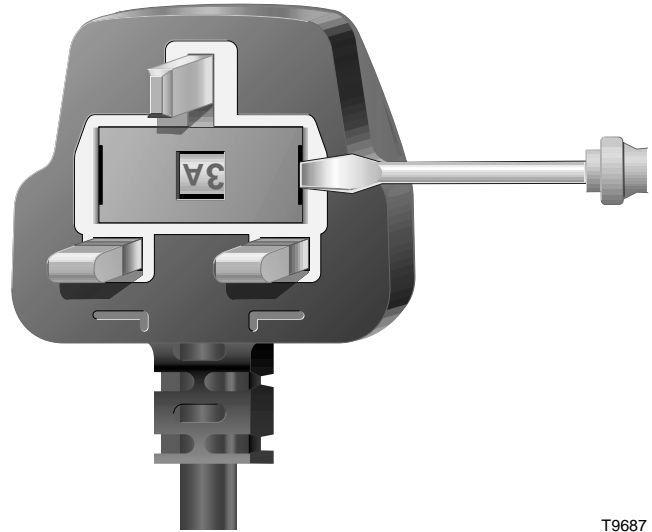
The mains plug that is supplied with your DHCT is a non-rewireable plug. This plug contains a fuse located below the fuse cover.

If you need to replace the fuse, use a screwdriver to pry off the fuse cover. Replace the fuse with a new fuse of the same type, and then replace the fuse cover.



WARNING:

Electric shock and fire hazard! Never use a plug if its fuse cover is missing.



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Performance Tips

Check and Correct

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

No picture

- Plug your TV and DHCT into an electrical outlet that is not controlled by a wall switch.
- Verify that all cables are properly connected.
- Verify that the power to your TV is turned on.
- If your system includes a VCR and/or stereo, verify that you have properly connected them to the DHCT.
- Verify that your TV is tuned to the proper output channel.

Distorted picture

- Verify that all audio, coaxial, and SCART cables are properly connected.
- Adjust the TV to the input channel.

No sound

- Properly plug your TV and DHCT into an electrical outlet.
- Verify that all audio, coaxial, and SCART cables are properly connected.
- Verify that the power to your TV is on.
- If your setup includes a VCR and/or stereo, verify that you have properly connected them to the DHCT.
- Verify that your TV is tuned to the proper output channel.
- Verify that the volume is turned up.

No colour

- Make sure the current TV programme is broadcast in colour.
- Adjust the TV colour controls.
- Verify that all audio, coaxial, and SCART cables are properly connected.

DHCT does not work

- If the AC mains is controlled by a wall switch, make sure the switch is in the **On** position.
- Verify that all cables are properly connected.
- Verify that the fuse in the mains plug fuse holder has not blown. If the fuse has blown, replace the fuse. See **Replacing the Mains Plug Fuse** on page 17.

Notices

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