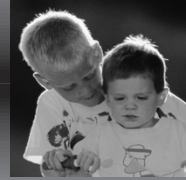


DIRECTV® Receiver User's Guide



Important Information

Cautions

Do not stack electronic components or other objects on top of the DIRECTV® Receiver. The slots on top of the receiver must be left uncovered to allow proper airflow to the unit. Blocking the airflow to the unit could impair performance or damage your receiver and other components.

Remove any sales or promotional materials attached to the product.

Do not stack the DIRECTV Receiver on top of a "hot component" such as an audio power amplifier.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Note to Cable TV Installer:

This reminder is provided to call your attention to article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Note to Satellite Dish Installer:

This reminder is provided to call your attention to articles 810 and 820 of the 2002 National Electrical Code. Refer to article 810, in particular to 810-1 and 810-15, for required grounding of the metal structure of the Dish Antenna. Refer also to the 810-2 which, by reference to article 820, requires that the satellite dish coaxial cable shield be connected to the grounding system of the building as close to the point of cable entry as practical.

Care and Cleaning:

Use a soft cloth or dusting attachment of your vacuum cleaner to dust your DIRECTV Receiver. Remove dust from the ventilation holes on the top and bottom.

Plastic surfaces are easily scratched and can be marred by alcohol and various solvents. Avoid excessive use of oil-based furniture polishes since the materials used in the cabinet will accumulate more dust. A non-abrasive, anti-static cleaner/polisher is recommended.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Model No. _____

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.

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.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

IMPORTANT NOTICE:

This device incorporates an anticopy process technology that is protected by U.S. patents and other intellectual property rights. The anticopy process is licensed for non-commercial, home use only. Reverse engineering or disassembly is prohibited.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed 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 produce 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 is 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 cart, 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/apparatus 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 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.



Table of Contents

Chapter 1: Connections & Setup

Things To Consider Before You Connect Components ..	2
Jacks and Cables.....	2
Choose Your Connection	3
Insert Your Access Card	3
Excellent Connection	4
Very Good Connection.....	6
Basic Connection	8
DIRECTV® Receiver Back Panel	10
Place Batteries in the Remote Control.....	10
Plug in and Turn on the Receiver.....	11
Using Highlight and Select.....	11
Complete the Guided Setup	11
Wait for the Receiver to Download	
ADVANCED PROGRAM GUIDE™ Data	12
Order Programming.....	12
DIRECTV News & Info	13

Chapter 2: Using the Remote Control

Remote Control Buttons.....	14
Front of the DIRECTV Receiver.....	15
Using the Remote Control to Operate Other	
Components	16
Remote Control Setup	16
Operating Other Components	17
Modes of Operation	17

Chapter 3: Features of the DIRECTV Receiver

The Program Guide	18
Displaying the Program Guide.....	18
Displaying the Quick Menu in the Guide	18
Getting Around In the Guide.....	19
The Channel Banner.....	20
Icons of the Channel Banner	20
The Quick Menu	21
The Quick Menu in the Guide	21
Settings.....	21
Category Sort	21
Date & Time	22
Favorites	22
Find By.....	22
Caller ID & Messages	23
Parental Controls	23

Chapter 4: Using On-Screen Menus

Using the Menu System	24
Exiting Quick Menus and Menu Screens	24
Retracing Your Steps	24
Quick Menu Items	24
Settings.....	25
Setup	25
Scheduler.....	28
Favorites	29
Parental Controls	29
Audio Options	29
Find By...	30
Favorites	30
Previous Channels.....	31
Caller ID & Messages	31
Caller ID	31
Messages	34
Parental Controls	34
Edit Settings	34
Lock Now.....	38

Chapter 5: Other Information

Troubleshooting	39
DIRECTV Receiver Problems	39
Remote Control Problems	40
TV Problems	40
Running the System Test	41
Fine-Tuning the Signal	41
Finding the TV's Video Line Input.....	41
Limited 90 Day Warranty	42
DIRECTV Protection Plan.....	43
FCC Information	44
Index	45

Chapter 1: Connections & Setup

Things To Consider Before You Connect Components

Protect Your Components from Power Surges

- Connect all components before plugging any power cords into the wall outlet.
- Always turn off the DIRECTV® Receiver, TV and other components before you connect or disconnect any cables.

Position Cables Correctly to Avoid Audio Hum or Interference

- Insert all cable plugs firmly into their jacks.
- Place the Audio/Video (A/V) cables to the sides of the TV's back panel instead of straight down the middle after you connect your components.
- Try not to coil any twin-lead cables and keep them away from the A/V cables as much as possible.
- Make sure all antennas and cables are properly grounded. See the inside front cover of this book for more information.

Protect Your Components from Overheating

- Do not block ventilation holes in any of the components. Arrange the components so that air can circulate freely. Remove any sales or promotional materials attached to the product.
- Do not stack components.
- Allow adequate ventilation when placing components in a stand.
- Place an amplifier or receiver on the top shelf of the stand so heated air rising from it will not flow around other components.

Jacks and Cables

Below is a description of the jacks and cables you can use to make connections. Not all cables come with your DIRECTV Receiver.



S-Video

S-Video jacks/cables provide very good picture quality. Remember to connect the left and right audio cables to the TV because the S-Video cable carries only the picture signal, not the sound.



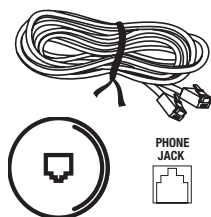
Audio/Video (RCA-type)

Audio/Video (A/V) cables provide good picture quality and stereo sound, and should be used if your TV has no S-Video jacks. The DIRECTV Receiver's A/V jacks are color coded (yellow for video, red for right audio, and white for left audio). If your TV has only one input for audio (mono), connect it to the left (white) audio jack on the DIRECTV Receiver.



RF Coaxial Cable (F-type)

RF jacks provide good picture and mono sound quality. They should be used if A/V connections are not available on your TV. RF jacks are also used for off-air antenna and cable TV connections. The RF jacks on the receiver are labeled OFF AIR IN and OUT TO TV. Use a coaxial cable to connect the receiver to your TV/VCR's antenna input jack.



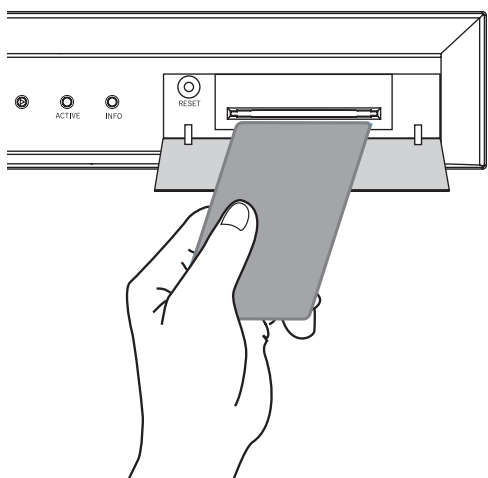
Telephone Jack and Cord

The telephone line cord is required to connect your DIRECTV® Receiver to a telephone line if you choose to subscribe to DIRECTV® programming. The phone line connection is used to periodically call out to DIRECTV. You will need an RJ11-type modular jack (the most common type of phone jack) which might look like one of those pictured here. If you don't have a modular jack, call your local telephone company to find out how to get one installed.

DIRECTV programming is subject to the terms and conditions of the DIRECTV Customer Agreement; a copy is provided at DIRECTV.com and with your first bill. See page 12 for more information.

Choose Your Connection

There are several ways to connect your DIRECTV Receiver depending on the components you want to connect and the quality of the signal you want to achieve. The next three pages show three options for connecting your DIRECTV Receiver to your other components. Choose the connection that most closely matches your components in order to get the best video and audio quality you can. For example, if your TV has an S-Video input, use the Excellent Connection shown on the next page as a guide. If your TV only has an RF coaxial input, use the Basic Connection shown on page 8 as a guide.



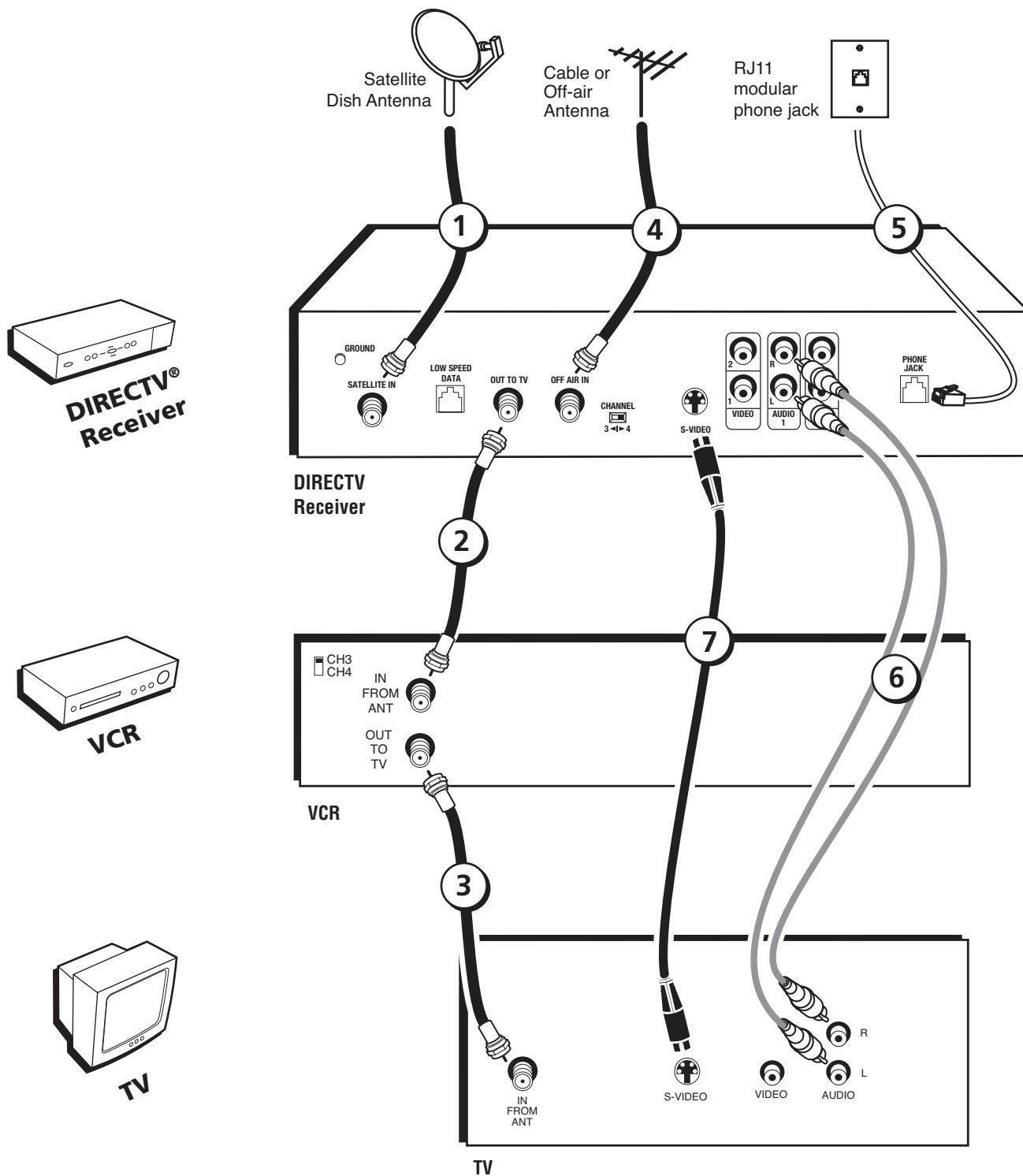
Insert Your Access Card

In order to view DIRECTV programming, you need to insert the access card into your receiver. For some receivers, the card may already be inserted when you unpack the box.

1. The access card slot is behind a flip-down door on the right side of the front panel of the DIRECTV Receiver. To open this door, gently pull it out and down from the indentation just below the right top corner.
2. Locate the access card slot.
3. Insert the access card. Make sure the side with the bar code is facing down, and the arrows on the top are pointing into the slot.
4. Close the flip-down door.

The access card should only be removed when replacing the card with a new one provided by DIRECTV or your program provider.

Connections & Setup



Note: Your VCR and TV back panels may not look exactly like the ones illustrated.

Excellent Connection

Using S-Video and A/V jacks and cables to connect to the TV, RF coaxial cables to connect the VCR

This connection provides the best picture quality, surpassing that of A/V cables. The S-Video cable, which carries video information only, requires that audio cables also be used for sound.

What you will need (see pages 2 and 3 for descriptions of these cables):

- Two (2) RF coaxial cables
- Two (2) A/V cables
- One (1) S-Video cable
- One (1) telephone line cord
- RG-6 coaxial cable line fed from a digital satellite antenna
- RF coaxial cable line from a standard TV antenna or cable outlet

Making the Connection

1. Connect the satellite dish antenna feed (RG-6 coaxial cable) to the SATELLITE IN jack on the DIRECTV® Receiver.
2. Connect one end of an RF coaxial cable to the OUT TO TV jack on the DIRECTV Receiver, and the other end to the antenna input jack on the VCR.
Note: If your VCR has A/V input jacks, you can use A/V cables to connect the DIRECTV Receiver's second A/V jacks to the A/V jacks of the VCR instead of using the RF coaxial cable.
3. Connect one end of an RF coaxial cable to the antenna output jack on the VCR, and the other end to the TV's antenna input jack.
4. Connect the cable or off-air antenna feed (RF coaxial cable) to the OFF AIR IN jack on the DIRECTV Receiver.
5. Connect one end of the supplied telephone line cord to the PHONE JACK on the back of the DIRECTV Receiver, and the other end to an RJ11-type modular phone jack (the most common type of phone jack).
6. Connect two ends of the supplied A/V cables to AUDIO 1 R and L jacks on the DIRECTV Receiver, and the other ends to the corresponding audio input jacks on the TV.
Note: Make sure you connect jacks by their labels. For example, AUDIO R on the DIRECTV Receiver should be connected to TV's right audio input jack, L Audio to L Audio, etc. If your TV only has one audio input jack, use the DIRECTV Receiver's AUDIO L jack to make the connection.
7. Connect one end of the supplied S-Video cable to the DIRECTV Receiver, and the other end to the S-Video input jack on the TV.

Go to page 10

Using Your Components

To watch DIRECTV® programming:

Tune the TV to its S-Video line input (if you have difficulty finding your TV's S-Video line input, see your TV's User's Manual or page 41 in this manual). Then tune the DIRECTV Receiver to the desired channel.

To record DIRECTV programming:

Tune the DIRECTV Receiver to the desired channel. Then set your VCR to record on the proper input channel (video line input if using A/V cables to connect the VCR to the DIRECTV Receiver, channel 3 or 4 if using RF coaxial cable).

To watch cable/off-air programming:

Turn off the DIRECTV Receiver. Tune the TV to the cable or off-air channel you want to watch.

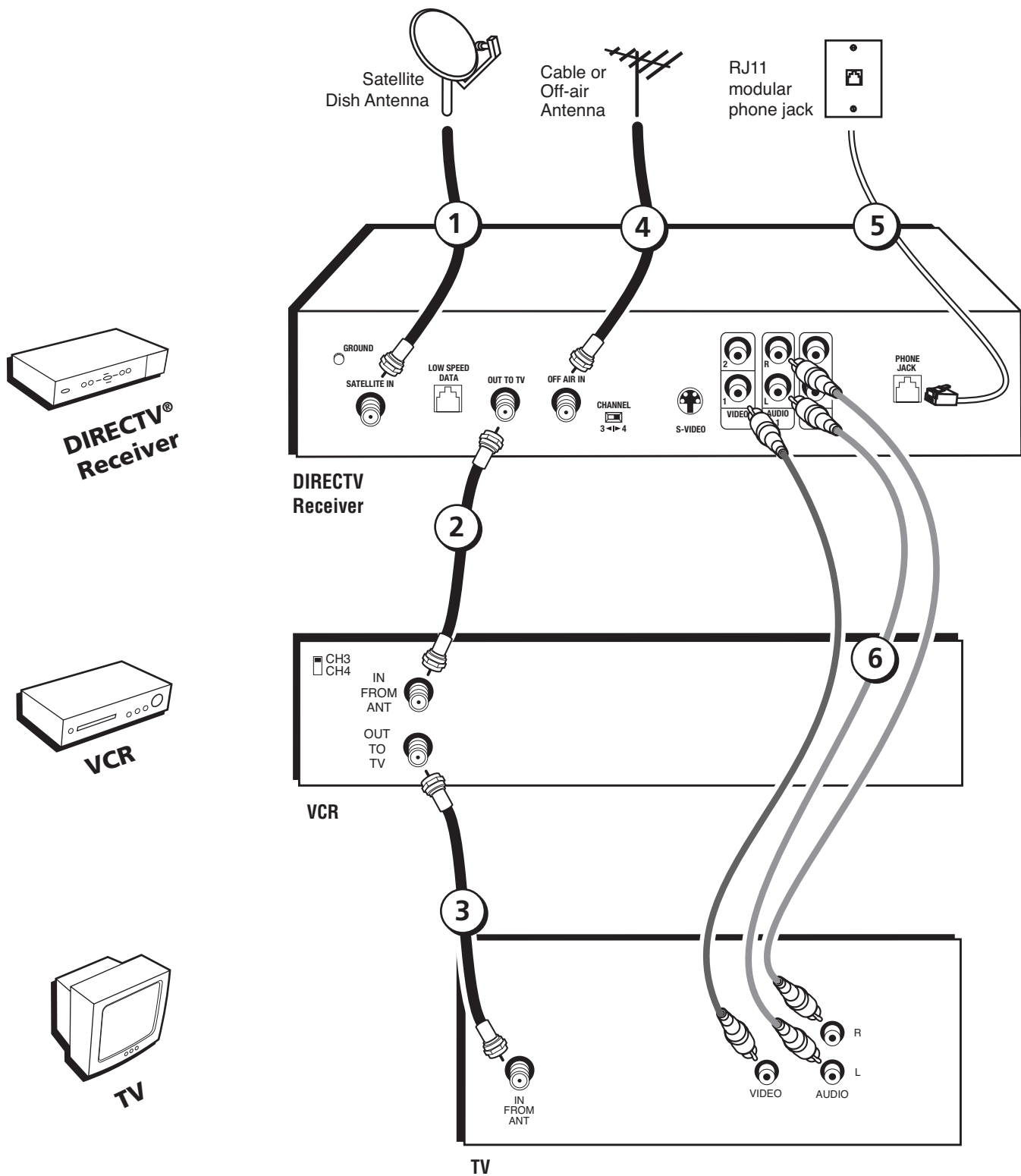
To record cable/off-air programming:

Turn off the DIRECTV Receiver. Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel) to watch the signal from the VCR. Tune the VCR to the cable/off-air channel you want to watch. Begin VCR recording as usual.

To watch VCR recordings:

Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel). Begin VCR playback as usual.

Connections & Setup



Note: Your VCR and TV back panels may not look exactly like the ones shown.

Very Good Connection

Using A/V jacks and cables to connect to the TV, RF coaxial cables to connect the VCR

This connection provides better picture quality than RF coaxial cables and is recommended for use with TVs that do not have S-Video input jacks.

What you will need (see pages 2 and 3 for descriptions of these cables):

- Two (2) RF coaxial cables
- Three (3) Audio/Video cables
- One (1) telephone line cord
- RG-6 coaxial cable line fed from a digital satellite antenna
- RF coaxial cable line from a standard TV antenna or cable outlet

Making the Connection

1. Connect the satellite dish antenna feed (RG-6 coaxial cable) to the SATELLITE IN jack on the DIRECTV® Receiver.
2. Connect one end of an RF coaxial cable to the OUT TO TV jack on the DIRECTV Receiver, and the other end to the antenna input jack on the VCR.
***Note:** If your VCR has A/V input jacks, you can use A/V cables to connect the DIRECTV Receiver's second set of A/V output jacks to the A/V jacks of the VCR instead of using the RF coaxial cable.*
3. Connect one end of an RF coaxial cable to the antenna output jack on the VCR, and the other end to the TV's antenna input jack.
4. Connect the cable or off-air antenna feed (RF coaxial cable) to the OFF AIR IN jack on the DIRECTV Receiver.
5. Connect one end of the supplied telephone line cord to the PHONE JACK on the back of the DIRECTV Receiver, and the other end to an RJ11-type modular phone jack (the most common type of phone jack).
6. Connect the ends of the supplied A/V cables to the DIRECTV Receiver's AUDIO 1 and VIDEO 1 jacks, and the other ends to the corresponding audio and video input jacks on the TV.

***Notes:** Make sure you connect jacks and cables corresponding to their labels. For example, AUDIO R output on the DIRECTV Receiver should be connected to AUDIO R input on the TV, VIDEO out to VIDEO in, etc.*

If your TV only has one audio input jack, use the DIRECTV Receiver's AUDIO L jack to make the connection.

Go to page 10

Using Your Components

To watch DIRECTV® programming:

Tune the TV to its Video line input (if you have difficulty finding your TV's Video line input, see your TV's User's Manual or page 41 in this manual). Then tune the DIRECTV Receiver to the desired channel.

To record DIRECTV programming:

Tune the DIRECTV Receiver to the desired channel. Then set your VCR to record on the proper input channel (video line input if using A/V cables to connect the VCR to the DIRECTV Receiver, channel 3 or 4 if using RF coaxial cable).

To watch cable/off-air programming:

Turn off the DIRECTV Receiver. Tune the TV to the cable or off-air channel you want to watch.

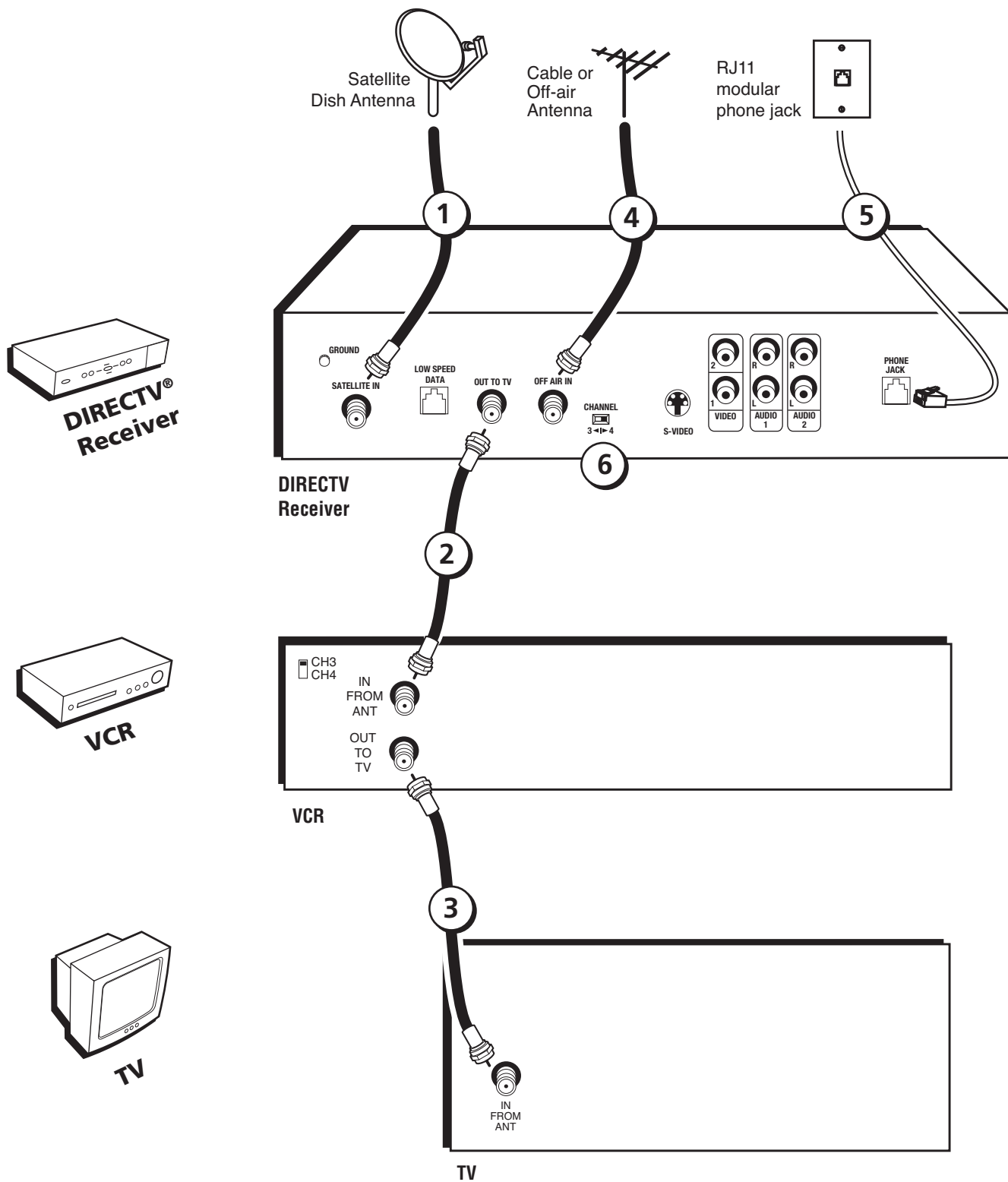
To record cable/off-air programming:

Turn off the DIRECTV Receiver. Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel) to watch the signal from the VCR. Tune the VCR to the cable/off-air channel you want to watch. Begin VCR recording as usual.

To watch VCR recordings:

Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel). Begin VCR playback as usual.

Connections & Setup



Note: Your VCR and TV back panels may not look exactly like the ones shown.

Basic Connection

Using RF Coaxial cables for all connections

This connection provides standard picture quality. This connection is only recommended for use with TVs that do not have S-Video or A/V input jacks.

What you will need (see pages 2 and 3 for descriptions of these cables):

- Two (2) RF coaxial cables
- One (1) telephone line cord
- RG-6 coaxial cable line fed from a digital satellite antenna
- RF coaxial cable line from a standard TV antenna or cable outlet

Making the Connection

1. Connect the satellite dish antenna feed (RG-6 coaxial cable) to the SATELLITE IN jack on the DIRECTV® Receiver.
2. Connect one end of an RF coaxial cable to the OUT TO TV jack on the DIRECTV Receiver, and the other end to the antenna input jack on the VCR.
3. Connect one end of an RF coaxial cable to the antenna output jack on the VCR, and the other end to the TV's antenna input jack.
4. Connect the cable box or off-air antenna feed (RF coaxial cable) to the OFF AIR IN jack on the DIRECTV Receiver.
5. Connect one end of the supplied telephone line cord to the PHONE JACK on the back of the DIRECTV Receiver, and the other end to an RJ11-type modular phone jack (the most common type of phone jack).
6. Set the CHANNEL 3-4 switch to the channel you want to use to watch DIRECTV® programming on your TV (try to use a channel that's "empty" in your area).

Go to page 10

Using Your Components

To watch DIRECTV programming:

Tune the TV to the DIRECTV Receiver's output channel (either channel 3 or 4, matching how you've set the CHANNEL 3-4 switch on the back of the DIRECTV Receiver).

To record DIRECTV programming:

Tune the DIRECTV Receiver to the desired channel. Then set your VCR to record on the proper input channel (video line input if using A/V cables to connect the VCR to the DIRECTV Receiver, channel 3 or 4 if using RF coaxial cable).

To watch cable/off-air programming:

Turn off the DIRECTV Receiver. Tune the TV to the cable or off-air channel you want to watch.

To record cable/off-air programming:

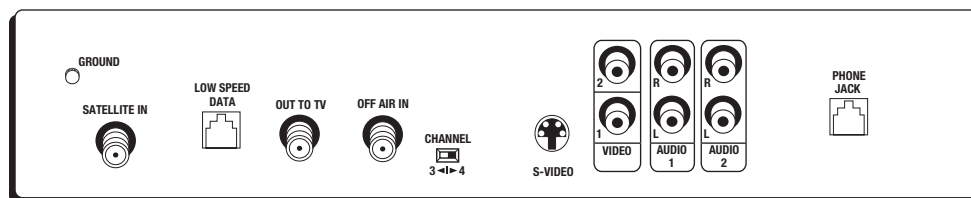
Turn off the DIRECTV Receiver. Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel) to watch the signal from the VCR. Tune the VCR to the cable/off-air channel you want to watch. Begin VCR recording as usual.

To view VCR recordings:

Tune the TV to channel 3 or 4 (whichever is set on the VCR as its output channel). Begin VCR playback as usual.

DIRECTV® Receiver Back Panel

This diagram illustrates each of the back panel jacks found on your DIRECTV Receiver. When working with cables, be sure to connect corresponding outputs and inputs (VIDEO output to VIDEO input, Right AUDIO output to Right AUDIO input, etc.).



Back Panel Jacks and Switches (in alphabetical order)

AUDIO (R and L) Audio cables offer better sound quality than RF coaxial cables. You can connect a second set of audio cables to another component, such as a VCR or stereo.

CH 3-4 If you're using the Basic Connection (described on pages 8-9), this switch allows you to set which channel (either 3 or 4) you'd like to use on your TV to watch DIRECTV® programming (try to use the one that's "empty" in your area).

LOW SPEED DATA This port allows you to connect your DIRECTV Receiver to future services and accessories as they become available. A shielded cable and additional hardware may be required.

OFF AIR IN Connect a standard TV antenna or cable feed to the DIRECTV Receiver using this jack. The cable or off-air signal will pass through the DIRECTV Receiver when you turn the receiver off.

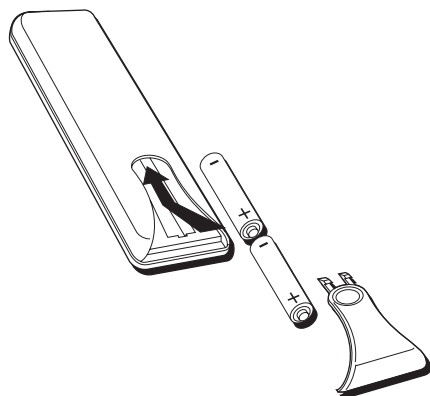
OUT TO TV Connects the DIRECTV Receiver to your TV or VCR using RF coaxial cable. This jack provides the most basic connection, carrying average sound and video quality.

PHONE JACK Connects the DIRECTV Receiver to a telephone line. The DIRECTV Receiver requires a telephone line connection to periodically communicate with your program provider.

SATELLITE IN Use to connect the DIRECTV Receiver to the satellite dish antenna.

S-VIDEO Provides better picture quality than VIDEO or RF coaxial cable jacks. If your TV has an S-Video jack, use it along with the audio jacks (S-Video only carries picture information, not sound) to connect to your TV.

VIDEO Provides better picture quality than the OUT TO TV jack. Connect the second VIDEO jack to another device, such as a VCR. You must also connect the AUDIO cables when using the VIDEO connection.



Place Batteries in the Remote Control

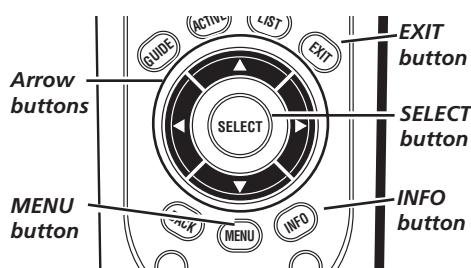
Follow these steps whenever you need to install or change the batteries in your DIRECTV Receiver's remote control.

1. Remove the cover from the battery compartment.
2. Insert batteries in the battery compartment, matching the + and – end of each battery.
3. Replace the cover.

Note:

The message "Searching for Satellite Signal" might appear briefly at the bottom of your screen when you turn on your DIRECTV Receiver for the first time. This is normal.

If this message stays on the screen for more than one minute, check your receiver's on-screen signal meter to make sure your antenna is receiving the strongest possible satellite signal. See "Test Signal Strength" on page 26 for more information.



Plug in and Turn on the Receiver

Plug the end of the power cord into the wall outlet. Be sure to insert the plug completely.

To turn on the DIRECTV® Receiver, press the PWR button on the remote control or the POWER button on the front panel. Turn on your TV.

Using Highlight and Select

All on-screen menus can be handled the same way, using highlight and select navigation.

Highlight and select navigation has two steps:

1. Use the arrow buttons (up, down, left, and right) on the remote control to highlight different choices on the screen.
2. Press SELECT to select the highlighted item.

Once you know how to navigate on-screen menus, you can complete the *Guided Setup* (see the next step) and explore the menu system.

To display the on-screen menu system, press the remote control's MENU button.

Note: Don't worry about getting stuck inside a menu. Pressing the EXIT button on the remote control takes you out of the menu system and back to the program you were watching.



Complete the Guided Setup

If you installed your satellite dish antenna yourself, you may have already used the *Guided Setup* to find dish-pointing coordinates, acquire and fine-tune the signal, run the phone setup, program the remote control, and run a system test.

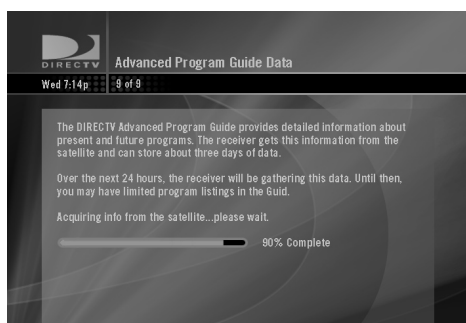
If you need to run the setup again, you can do so from the *Satellite Setup* menu. You can also check the signal strength or check dish-pointing coordinates from this menu.

To check the signal strength, repeat the satellite dish setup, or get dish-pointing coordinates:

1. Press MENU to access the Quick Menu.
2. Press SELECT with *Settings* highlighted in the Quick Menu.
3. Press SELECT with *Setup* highlighted in the *Settings* menu.
4. Use the arrow buttons to highlight *Satellite* in the *Setup* menu, and press SELECT to select it.
5. To run the signal strength meter, highlight *Test Signal Strength* and press SELECT.

To repeat the satellite dish setup, highlight *Repeat Satellite Dish Setup* and press SELECT.

To check your dish-pointing coordinates, highlight *Enter Lat. & Long.* and press SELECT.



Wait for the Receiver to Download ADVANCED PROGRAM GUIDE™ Data

The first time you connect a receiver to a satellite antenna you've already installed and pointed correctly, the receiver starts to gather information for the program guide (the Advanced Program Guide Data acquisition screen appears).

After you turn on your receiver and tune your TV to the correct video input channel, a progress bar appears indicating that the receiver is gathering this program guide information.

To prevent any damage to your TV screen, the progress bar disappears after 2 minutes (the screen goes blank).

If the screen stays blank for more than 4 minutes, you need to reset the receiver.

Note: When the progress bar reaches 100%, there might be a delay before you actually see video on the screen.

To reset the receiver:

1. Open the flip-down door on the front panel of the DIRECTV® Receiver.
2. Press the RESET button next to the access card slot.
2. Wait a few seconds, then turn the DIRECTV Receiver on again. Wait for it to download program guide information.

Tip

When you order programming, you need to know your access card and receiver ID numbers. To get these numbers:

1. Press **MENU** on your remote control.
2. Select **Settings** from the Quick Menu.
3. Select **Setup** from the Settings Quick Menu.
4. Press **SELECT** with the **Info & Test** item highlighted in the System Setup screen.

The Receiver ID and Access Card ID appear on the right side of the screen along with other information about your system.

Write the access card and receiver ID numbers in the space below for easy reference:

Important!

If local channels are available in your area and you decide to subscribe, the receiver will need to download all of your program guide information again. This might take a few minutes. See "Wait for the Receiver to Download ADVANCED PROGRAM GUIDE Information" on this page for more information.

Order Programming

After you have installed your DIRECTV® System, you should contact DIRECTV to order DIRECTV® programming.

With this receiver and the proper satellite dish antenna, you may be able to subscribe to local channels from DIRECTV in certain areas. Additional equipment may be required in some markets. Check with your retailer or visit DIRECTV.com for information on availability of local channels from DIRECTV in your area.

ACTIVATION OF PROGRAMMING MAY BE SUBJECT TO CREDIT APPROVAL AND REQUIRES VALID SERVICE ADDRESS, SOCIAL SECURITY NUMBER AND/OR MAJOR CREDIT CARD. DEPOSIT OR PREPAYMENT MAY BE REQUIRED. Professional and collegiate sports subscriptions sold separately. Eligibility for local channels based on service address within certain designated market areas as defined by Nielsen Media Research, Inc. In some areas served by members or affiliates of the National Rural Telecommunications Cooperative, local channels may be available from DIRECTV rather than the NRTC member or affiliate. Programming, pricing, terms and conditions subject to change. Hardware and programming sold separately. Pricing is residential. Taxes not included. Equipment specifications and programming options may vary in Alaska and Hawaii. DIRECTV services not provided outside the U.S. DIRECTV programming is sold separately and independently of DIRECTV System hardware. A valid programming subscription is required to operate DIRECTV System hardware. Receipt of DIRECTV programming is subject to the terms of the DIRECTV Customer Agreement; a copy is provided at DIRECTV.com and in your first bill. Activate your DIRECTV programming today at 1-800-DIRECTV (1-800-347-3288).



DIRECTV News & Info

DIRECTV News & Info gives you the most up-to-date information on DIRECTV® programming, including pay per view previews and news on the latest movies, sports and customer information. The *DIRECTV News & Info* screen also gives you a 30-minute introduction to your remote control and receiver.

To access the *DIRECTV News & Info* screen while you're watching DIRECTV programming, press the ACTIVE button on your remote control.

Chapter 2: Using the Remote Control

Remote Control Buttons

ACTIVE In DIRECTV mode, displays the *DIRECTV News & Info* menu. Press ACTIVE again to exit the menu.

Arrows Moves the on-screen highlight up, down, left, or right.

BACK In the menu system and guides of the DIRECTV® Receiver, the BACK button retraces your steps, going back through all of the menu and guide screens you've accessed since the last time you entered the menu system or guides. This trail is erased when you turn the receiver off.

Blue, green, red, and yellow buttons In the DIRECTV Receiver's menu screens, the green button moves to the tabbed element on the right of the one selected, while the red button moves to the tabbed element on the left. In the program guides, the green button moves forward in the schedule an hour and a half, while the red button moves backward an hour and a half. The yellow and blue buttons have no functionality with this DIRECTV Receiver.

CHAN up and CHAN down Use to scan up and down through the channels in the current channel list. In the program guide or menu system, use the CHAN buttons to page up and down a screen at a time.

DASH Enters a dash where applicable.

Digit Buttons (0 - 9) Tune directly to a specific channel or enter numbers using the digit buttons.

ENTER Enters a number entry.

EXIT Removes the on-screen displays and returns you to normal viewing.

GUIDE In DIRECTV mode, brings up the program guide sort screen.

INFO Press once to bring up the on-screen channel banner. Press again to remove the banner from the screen. In the program guides, INFO gets information about the highlighted program or channel. On music channels, press INFO to get information (if available) on the track playing.

LIST In DIRECTV mode, displays the To Do List (see page 28 for more information on the To Do List).

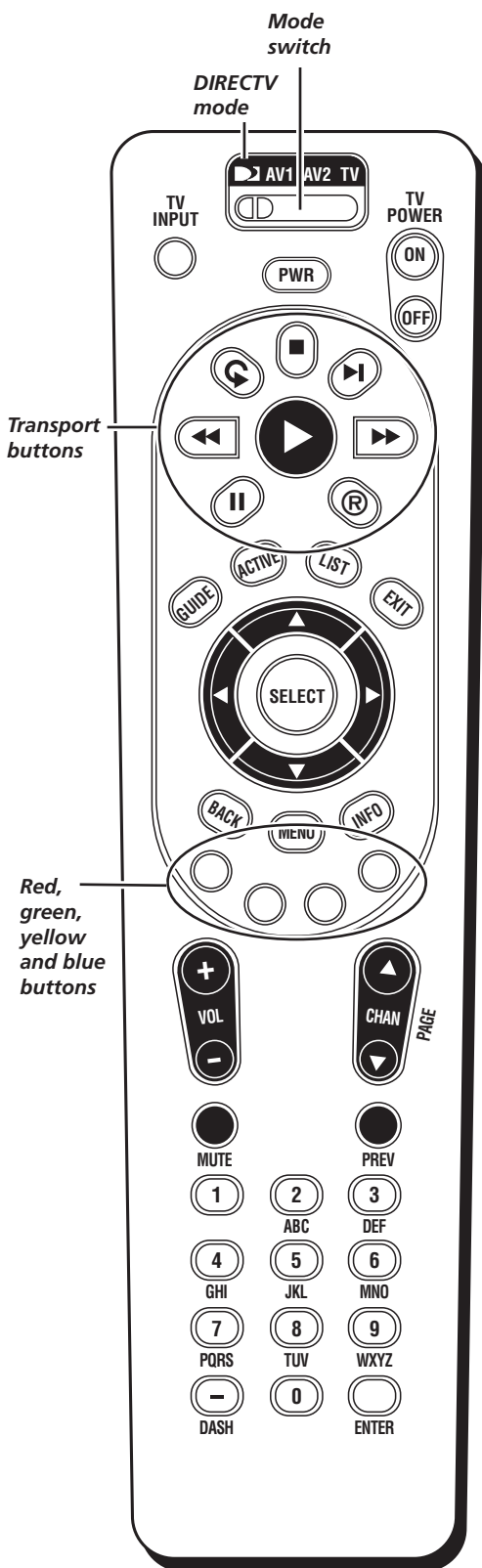
MENU In DIRECTV mode, displays the Quick Menu. The MENU button also removes Quick Menus from the screen. When using the remote control to operate other components, the MENU button might also bring up that component's menu system.

Mode switch Move the switch to change the remote mode—that is, to change which component the remote is currently operating (see page 17 for more information on modes of operation). To operate your DIRECTV Receiver, move the switch all the way to the left.

MUTE When programmed to control a TV or audio receiver, this button reduces that component's volume to its minimum level. Press again to restore the volume.

PREV Moves you to the previously tuned channel in DIRECTV mode.

PWR In DIRECTV mode, this button turns the DIRECTV Receiver on and off (standby mode). In other modes, this button turns the component you're controlling on or off if the remote has been programmed to control that component.



Using the Remote Control

SELECT Selects a highlighted choice if you are in the menu system. Enters channel entry outside of the menu system.

Transport Buttons (, , , , , , , and ) When the remote control is programmed, these buttons can control an auxiliary component, such as a VCR or DVD player (when the remote is in the correct mode).

TV INPUT If you've programmed the remote to control your TV and you've set up the TV INPUT button, each press of the TV INPUT button scrolls through the available video input sources for your TV (see page 16 for more information on programming the remote).

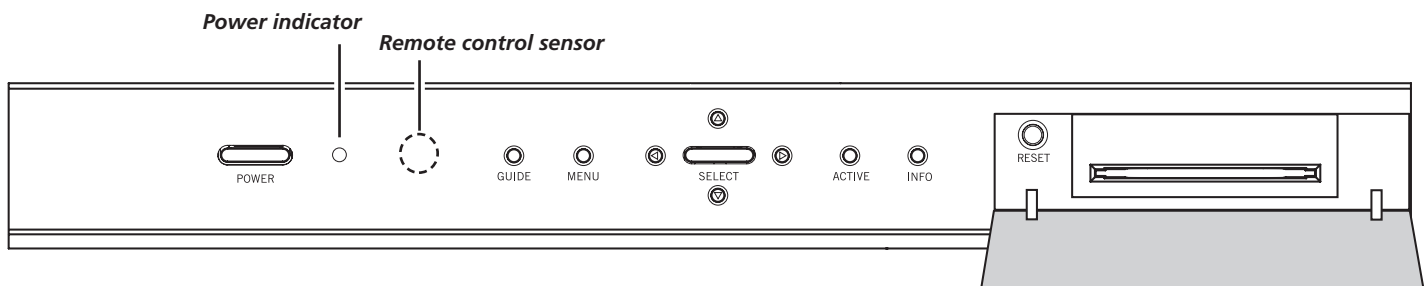
To enable the TV INPUT button for your TV, put the mode switch in the TV position. Then, press SELECT and MUTE on your remote simultaneously for several seconds until the green light on the mode switch flashes twice. Then, press the following sequence of number buttons: 9, 6, 0. The TV INPUT button is now on. To disable the TV INPUT button, repeat the steps you used to enable it. The green light flashes several times when you've finished disabling the TV INPUT button.

TV POWER (ON and OFF) When the remote has been programmed to operate your TV, these buttons turn the TV on and off. These buttons also turn the DIRECTV Receiver on and off when the remote is in DIRECTV mode.

VOL + and - When programmed to control a TV or audio receiver, adjusts the audio volume of that component.

Front of the DIRECTV® Receiver

This diagram illustrates the buttons on the front panel of the DIRECTV Receiver.



POWER Use to turn your DIRECTV Receiver on for viewing or off when you are not viewing it. Your receiver will still be able to download software upgrades and receive messages from program providers when it is off.

Power indicator The power indicator lights up when the DIRECTV Receiver is on.

Remote control sensor This is where the DIRECTV receiver captures the commands from the remote control. Make sure you point the remote control directly at this sensor on the front panel when you want the remote to operate the DIRECTV Receiver.

GUIDE Use this button to display the program guide sort screen.

MENU Use this button to display the Quick Menu. This button also clears the Quick Menu from the screen.

Arrows Use the navigation arrows to move the on-screen highlight up, down, left, or right.

SELECT Use this button to select highlighted items in the DIRECTV Receiver's menus and guides.

ACTIVE Use this button to display the *DIRECTV News & Info* menu. This button also clears the *DIRECTV News & Info* menu from the screen.

INFO Use this button to display the channel banner. This button also clears the channel banner from the screen.

The right side of the front panel has a flip-down door. To open this door, gently pull it out and down from the indentation just below the right top corner. The following items are behind the flip-down door:

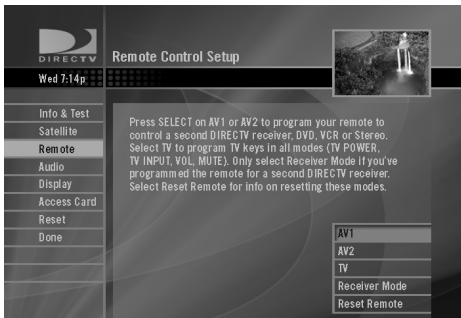
RESET This button resets the receiver.

Access card slot Your access card should be inserted in this slot.

Using the Remote Control

Using the Remote Control to Operate Other Components

You may have already programmed the remote control to operate your other components in the *Guided Setup*. If you haven't programmed the remote, or if you need to change your remote control settings, use the following directions along with the on-screen help text.



Remote Control Setup

The *Remote Control Setup* menu lets you program your remote for a variety of uses:

- to control your TV in TV mode
- to control a VCR, DVD player or other component in AV1 or AV2 mode
- to control a second DIRECTV® Receiver in AV1 or AV2 mode



Programming the Remote to Operate Components in AV1 and AV2 Modes

Important: Make sure you start with the remote control's mode switch in the *DIRECTV* position. Keep the mode switch in that position until the on-screen directions tell you to move it.

The remote that came with your DIRECTV Receiver can operate other components in AV1 and AV2 modes. First, you have to program the remote for each mode separately.

To program the remote to operate another component in AV1 or AV2 mode:

1. Press the MENU button on the remote control (the Quick Menu appears).
2. Select *Settings* from the Quick Menu.
3. Select *Setup* from the *Settings* menu.
4. Select *Remote* from the *System Setup* screen.
5. Select *AV1* or *AV2* from the *Remote Control Setup* screen.

Make sure you know the brand of the component you want to operate. Follow the on-screen directions to set up your remote to operate the component.

If you want to use the other AV mode to operate a different component, repeat these instructions for the other AV mode.

Important:

This remote may not be compatible with all models of all brands of components. It also may not operate all functions of the remote that came with your component.



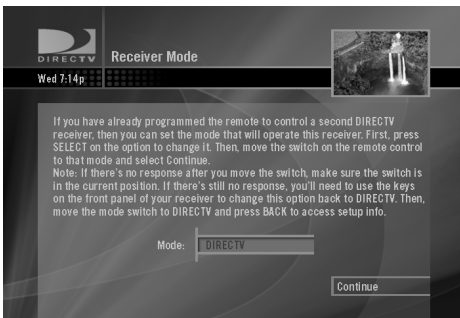
Programming the Remote to Operate Your TV

Important: Make sure you start with the remote control's mode switch in the *DIRECTV* position. Keep the mode switch in that position until the on-screen directions tell you to move it.

To program the remote to operate your TV:

1. Press the MENU button on the remote control (the Quick Menu appears).
2. Select *Settings* from the Quick Menu.
3. Select *Setup* from the *Settings* menu.
4. Select *Remote* from the *System Setup* screen.
5. Select *TV* from the *Remote Control Setup* screen.

Make sure you know the brand of your TV. Follow the on-screen directions to set up your remote to operate your TV.



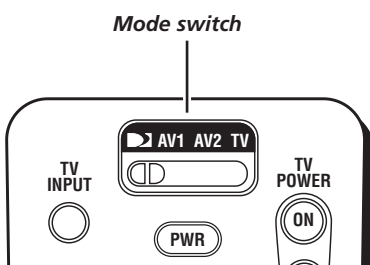
Controlling a Second DIRECTV® Receiver

To program the remote to operate a second DIRECTV Receiver in the same room:

1. Press the MENU button on the remote control (the Quick Menu appears).
2. Select *Settings* from the Quick Menu.
3. Select *Setup* from the *Settings* menu.
4. Select *Remote* from the *System Setup* screen.
5. Select *Receiver Mode* from the *Remote Control Setup* screen.

Follow the on-screen directions to set up your remote to control two DIRECTV Receivers in the same room.

Important: You must program the remote to control another receiver in *AV1* or *AV2* mode before you change the *Receiver Mode*.



Operating Other Components

Once the remote has been programmed successfully, you are ready to use it to operate your components.

To Operate the Component:

1. Set the mode switch to the correct position to control the component.
2. Press PWR to turn the component on or off.
3. Use the remote control buttons that apply to that component.

Note: Your remote's buttons might operate differently for other components, especially when you're using another component's menu system.

Modes of Operation

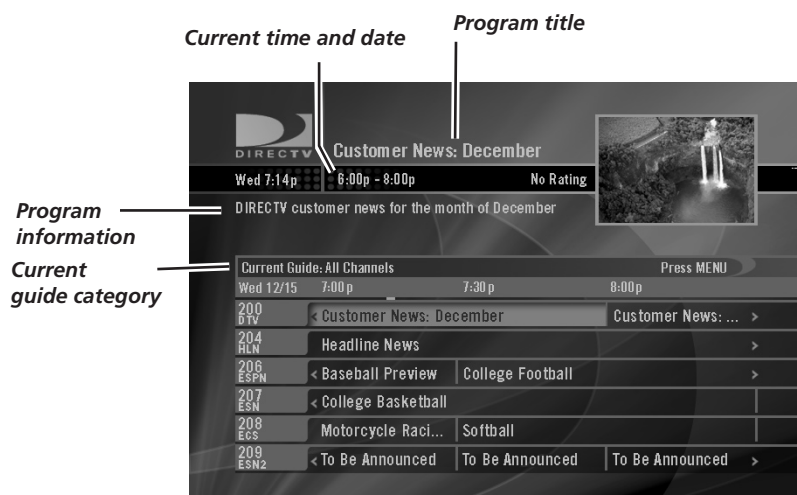
Because this universal remote can control several different components (DVD player, VCR, etc.) it uses operational modes triggered by the mode switch. For example, if you want the remote control to operate the TV, set the mode switch to TV to put the remote into TV mode. If you've programmed the AV1 position to operate your DVD player, and you want the remote to operate the DVD player, set the mode switch to the AV1 position.

Chapter 3: Features of the DIRECTV® Receiver

The Program Guide

The diagram below shows you the kind of information you see in the program guides. You can access a Quick Menu in the program guide by pressing the MENU button while in the guide (see *Displaying the Quick Menu* at the bottom of this page).

Note: The design of the Program Guide you see on your TV screen may be different from the one shown here.



Displaying the Program Guide

You can quickly access the receiver's program guide by pressing the GUIDE button on the remote and choosing how you want to sort the guide. You can choose to see all the channels in the guide or only those in a specific category, such as *Movies*, *News*, *Sports*, *Music* or *Family*.

Use the up and down arrow buttons to highlight the category you want to use to sort the guide, then press SELECT.

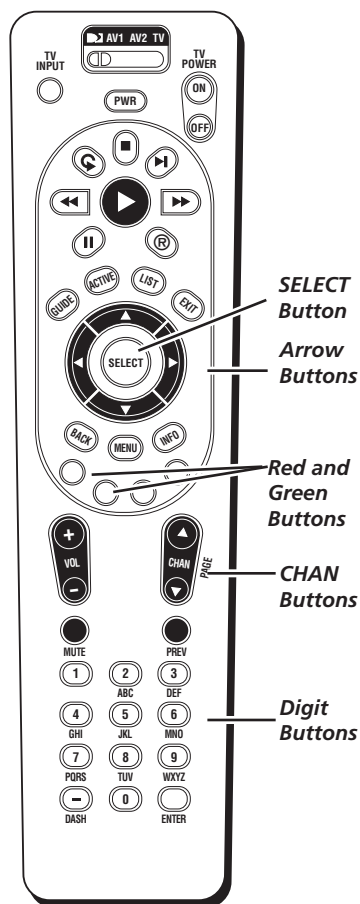


Displaying the Quick Menu in the Guide

To display the Quick Menu in the program guide, press MENU while you're in the guide. The diagram on the left shows you the options available in the Quick Menu.

To highlight the option you want, use the up and down arrows. To select the highlighted option, press SELECT.

Features of the DIRECTV® Receiver



Getting Around In the Guide

This section describes how to change channels and move around a program guide.

Digit Buttons (0–9)

You can point quickly to any channel in the program guide by entering the channel number with the digit buttons (0–9). For example, to point to channel 290, press the digits 2-9-0, on the remote control.

Scrolling Channel By Channel

The programs that you see on the TV screen make up one section—or page—of the total program guide. You can scroll one line at a time using the arrows: highlight other times with the left and right arrows; highlight other channels with the up and down arrows.

Scrolling Page By Page

If you want to scroll up or down through the program guide faster, press the CHAN buttons on the remote control. The highlight scrolls a page at a time.

Scrolling Forward and Reverse

To scroll forward in time in 90-minute increments, press the remote control's green button while in DIRECTV mode. To scroll backward in time in 90-minute increments, press the remote control's red button while in DIRECTV mode.

Note: Your DIRECTV Receiver can store up to three and a half days of programming information. Getting three days of information can take up to 6 hours to download when the receiver is first connected. The receiver will take more time to download the remaining half-day of information.

Tuning to a Program

To tune directly to a currently showing program listed in the guide, highlight the program and press SELECT.



Program Details

To see information about a future program in the guide, highlight the program and press INFO.

You can get the available information about any program (including currently showing programs) in the guide by highlighting the program and pressing INFO.

The options available on the information screen depend on the type of program you select:

- *Watch Now* to tune to that channel if the program's currently showing
- *Purchases* to go to the *Purchases* screen (see page 28 for more information)
- *Autotune* to set up a timer, which will display a prompt when the program is about to begin. If you aren't already tuned to the correct channel when the program begins, the Autotune feature will tune to the correct channel for you.
- *Showings* to see what other times the program is available

Features of the DIRECTV® Receiver

The Channel Banner

Your DIRECTV Receiver offers two kinds of channel banner: a *medium* banner and a *large* banner. Both kinds of channel banner give you information on the date, time, current channel, your receiver's message inbox, your receiver's parental control status, as well as the current program's title and time information (if available). The *large* channel banner also offers a description of the current program if one is available.

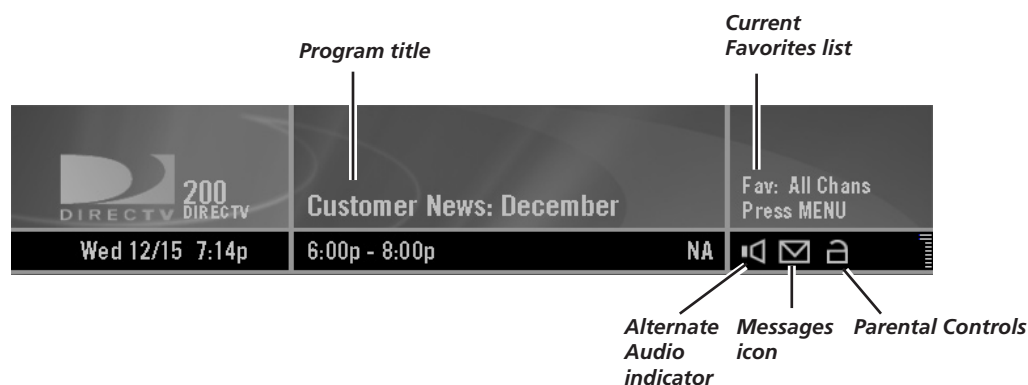
The *medium* channel banner appears whenever you do one of the following:

- Tune to a channel.
- Press the remote control's PREV buttons while watching programming.
- Press the up or down arrow on the DIRECTV Receiver's front panel.
- Exit the on-screen menu system (except when you press the EXIT button on your remote control).

The *large* channel banner appears when you press the INFO button on the DIRECTV Receiver's remote or front panel.

The icons in both kinds of channel banner show you information on alternate audio, your messages, and the system parental controls. These icons change appearance to show the item's status.

The following illustration shows a *medium* channel banner.



Icons of the Channel Banner



Locked icon The system is locked. Spending, viewing and other limits are in effect and cannot be accessed or changed without first entering the system passcode.



Unlock icon The system is unlocked. Spending, viewing and other limits can be accessed or changed.



Temporary Unlock icon A passcode has been entered to temporarily override the limits. The spending, viewing and other limits cannot be changed. The system will remain unlocked until one of the following happens:

- the DIRECTV Receiver is turned off or re-locked
- the current program ends
- a set time limit expires

See *Parental Controls* on page 34 for more information.



Messages icon Displays the Messages status. The icon is white if you have unread messages. If you do not have unread messages, the icon looks like the one shown on the left.



Alternate Audio icon Indicates if alternate audio options are available for the current program. The icon is white when alternate audio options are available. If alternate audio options are not available, the icon looks like the one shown on the left.



The Quick Menu

The Quick Menu appears on screen when you press the MENU button on your remote control. There are several different kinds of Quick Menus. The one that appears when you press MENU depends on what you're doing right now.

If you're watching regular satellite programming, the Quick Menu shown on the left appears. See page 24 for more information about this kind of Quick Menu.

If you're in the Program Guide, a different Quick Menu appears, with specific options for the Guide.



The Quick Menu in the Guide

To display the Quick Menu in the program guide, press MENU while you're in the guide. The diagram on the left shows you the options available in the Quick Menu.

To highlight the option you want, use the up and down arrows. To select the highlighted option, press SELECT.



Settings

The *Settings* menu lets you configure your satellite system to fit your needs and environment. The *Settings* menu also lets you schedule programs to autotune. This menu is described in more detail in the next chapter, starting on page 25.



Category Sort

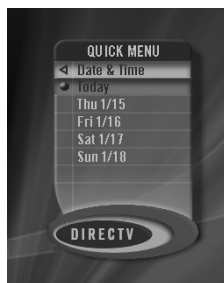
The *Category Sort* menu lets you filter the guide for programs matching a particular category or subcategory.

To sort by category or subcategory:

1. Press the remote control's GUIDE button to access the program guide.
2. Highlight the channel category you want for the guide and press SELECT.
3. Press the remote control's MENU button to display the Quick Menu.
4. Press the remote control's down arrow to highlight *Category Sort*, then press SELECT.
5. Use the up and down arrows to highlight the category you'd like to sort by. Press SELECT to select that category (the next *Category Search* menu appears).
6. Use the up and down arrows to highlight the subcategory you'd like to search. Press SELECT to select that subcategory.

The system then sorts the guide to show program listings matching your criteria.

Features of the DIRECTV® Receiver



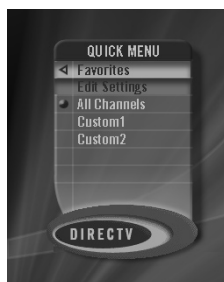
Date & Time

The *Date & Time* menu lets you move in the program guide to another day or time, up to three and a half days in the future.

To move to a different time in the program guide:

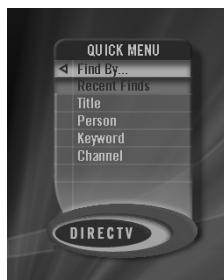
1. In the program guide, press the remote control's MENU button to display the Quick Menu.
2. Press the remote control's down arrow to highlight *Date & Time*. Press SELECT to choose it.
3. Use the remote control's up and down arrows to highlight the day you want to see the program guide for. Press SELECT to choose it.
4. Use the remote control's up and down arrows to highlight the time of day you want to see the program guide for. Press SELECT to choose it.

The program guide moves to the date and time you chose. Repeat the steps to move to a different time and date in the program guide.



Favorites

The *Favorites* menu lets you set up lists of favorite channels for different types of programming, or for different people in your household. The *Favorites* menu also lets you set which of these channel lists you want to use (including the *All Channels* list). This menu is described in more detail in the next chapter, starting on page 30.



Find By...

The *Find By...* menu lets you search for your favorite programs by title, person or keyword. *Find By...* also lets you search for a specific channel by its name or abbreviation.

To search by title, person, keyword or channel:

1. Press the remote control's GUIDE button to access the program guide.
2. Select the channel category you want for the guide.
3. Press the remote control's MENU button to display the Quick Menu.
4. Press the remote control's down arrow to highlight *Find By...*, then press SELECT.
5. Use the up and down arrows to highlight what you'd like to search for—a *Title*, *Person*, *Keyword* or *Channel* (you can even access old searches by highlighting the *Recent Finds* item and selecting it). Press SELECT with the kind of search you want highlighted (the *Find By...* screen you chose appears).

Features of the DIRECTV® Receiver



6. Use the up, down, left and right arrows to highlight letters on the on-screen keyboard. Press SELECT to enter them. You'll notice that the list on the right changes as you enter more letters.
7. Use the right arrow to leave the on-screen keyboard and highlight one of the programs or channels if you find what you're looking for. Press SELECT to get more information about the highlighted program.

Note: You can repeat a recent search by choosing Recent Finds from the Find By.. menu and selecting the recent search you'd like to repeat.



Caller ID & Messages

The *Caller ID & Messages* menu lets you set up your DIRECTV Receiver's Caller ID feature. The *Caller ID & Messages* menu also lets you check the messages in your Inbox and Caller ID information for any calls you may have missed. This menu is described in more detail in the next chapter, starting on page 31.

IMPORTANT: To use this feature, you must have your receiver directly plugged into a telephone outlet (or a RC930 wireless modem) and you must subscribe to Caller ID or similar caller identification services from your telephone company.



Parental Controls

The *Parental Controls* menu lets you set rating and spending limits for your DIRECTV Receiver. The *Parental Controls* menu also lets you block channels from viewing and set the hours of the day when your family can watch satellite programming for different days of the week. This menu is described in more detail in the next chapter, starting on page 34.

Chapter 4: Using On-Screen Menus



Tip: No Menus?

If the Quick Menu doesn't appear when you press MENU, the remote control might not be in DIRECTV mode. Move the mode switch on the remote control to the DIRECTV logo (all the way to the left), and then press MENU.



Tip: Don't Be Afraid to Explore

Once you've learned the basics, feel free to poke around the menu system—exploring this system is a great way to learn!

Remember to use your remote control's arrow and SELECT buttons to maneuver through menus.

Don't worry about getting lost in the menus—you can press EXIT at any time to leave the menu system and return to regular system viewing. You can also use the BACK button to re-visit the menu and guide screens you accessed since the last time you entered the menu system or guides. Each press of the BACK button takes you backward one screen.

Using the Menu System

To display the Quick Menu, press MENU on the remote control.

To use the menu system, you need to use the remote control's arrow buttons to highlight your on-screen choice, then use the SELECT button to select it.

Exiting Quick Menus and Menu Screens

There are several ways to exit Quick Menus and Menu Screens:

- In full-screen menus, select the on-screen *Done* button and press the SELECT button on the remote control.
- In either full-screen menus or Quick Menus, press the EXIT button on the remote control. The EXIT button returns you to TV viewing.
- In either full-screen menus or Quick Menus, press the BACK button on the remote control. This returns the TV to its preceding display.

Retracing Your Steps

You can use the remote's BACK button to retrace your steps and go back through all of the menu and guide screens you accessed since the last time you entered the menu system or guides. This trail is erased when you turn the receiver off.

Quick Menu Items

This section briefly describes each of the options available from the Quick Menu in live TV. Each menu is explained further later in this chapter.

Settings

The *Settings* menu lets you configure your satellite system to fit your needs and environment. The *Settings* menu also lets you schedule programs to watch.

Audio Options

The *Audio Options* menu lets you set your preferred language for audio.

Find By...

The *Find By...* menu lets you search for your favorite programs by title, person or keyword. *Find By...* also lets you search for a specific channel by its name or abbreviation and repeat recent searches. See page 22 for more information.

Favorites

The *Favorites* menu lets you set up lists of channels for different types of programming, or for different people in your household. The *Favorites* menu also lets you set which of these channel lists you want to use (including the *All Channels* list).

Previous Channels

The *Previous Channels* menu lets you tune to a recently-tuned channel by choosing from a list of the channels you've visited.

Caller ID & Msgs

This button is used to access the Caller ID information from your telephone company and messages from DIRECTV.

Note: You must subscribe to Caller ID service from your telephone service provider in order for the on-screen Caller ID information to be displayed.

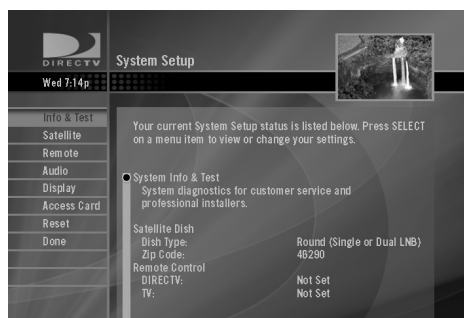
Parental Controls

The *Parental Controls* menu lets you set rating and spending limits for your DIRECTV® Receiver. The *Parental Controls* menu also lets you block channels from viewing and set the hours of the day when your family can watch satellite programming on different days of the week.



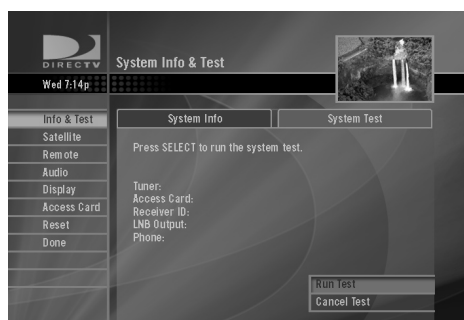
Settings

Use the *Settings* menu to test and adjust the different parts of your satellite system. The *Settings* menu also lets you schedule programs to watch and set up your parental controls.



Setup

The *Setup* screen gives you access to your satellite system's technical controls, including dish pointing, remote setup, and access card replacements.



Info & Test

The *Info & Test* screen has two tabs at the top—one for *System Info* and the other for the *System Test*. Use the arrow buttons to highlight the tab you want and press SELECT to choose it.

The *System Info* tab gives you information on almost all of your DIRECTV Receiver's settings. Use the CHAN up and down buttons to scroll through the settings.

The *System Test* tab lets you run a diagnostic test of your satellite system.

You can also use the green or red buttons on your remote control to go back and forth between the *System Info* and *System Test* tabs.

Note: While the system is testing the signal, the video will temporarily blank out. When the tests are complete, a summary display appears.

Tip

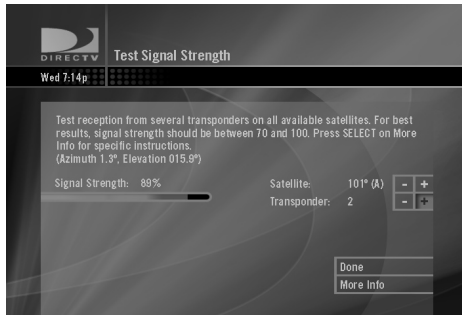
If your system fails a test, run the system test several times before concluding that there is a problem. Occasional fluctuations in the phone line or satellite signal can give temporary false readings.

Using On-Screen Menus



Satellite

The *Satellite* screen gives you access to information and settings for your satellite system's antenna.



Test Signal Strength

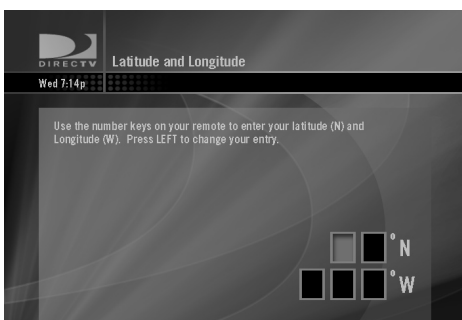
This feature allows you to determine the strength of all available signals, one at a time. There is a separate test for each satellite from which your antenna receives information.

If you'd like more information about the signal test, use the arrow buttons to highlight *More Info*, then press SELECT.

Note: After you finish installing the dish antenna and exit the Dish Pointing menu screens, the message "Searching for Satellite Signal" might appear for a few seconds, followed by the Satellite Data Acquisition screen. This is normal. Go to page 12, in the "Wait for the Receiver to Download ADVANCED PROGRAM GUIDE™ Data" section, for details.

Repeat Satellite Dish Setup

The *Repeat Satellite Setup* item takes you through the steps to configure your satellite antenna. Don't select *Repeat Satellite Dish Setup* unless you've been told to by a professional installer or service representative, or unless you're performing your own installation.



Enter Lat. & Long.

The *Enter Lat. & Long.* item lets you find dish-pointing coordinates from latitude and longitude entries. Latitudes between 20 and 55 can be entered, and longitudes between 65 and 125 can be entered. The *Enter Lat. & Long.* screen is part of the Satellite Setup procedure.

Notes:

The Enter Lat. & Long. screen does not actually change anything about your satellite dish setup. You can use it as a reference to see what dish pointing coordinates correspond to a given latitude and longitude.

In general, it is easier to find dish pointing coordinates using your ZIP code in the Satellite Setup screen. Use the Enter Lat. & Long. screen if you don't have access to ZIP code information, such as when you're setting up your satellite system on a boat or in an RV.

Reset Satellite Info

Reset Satellite Info overrides all of your current system settings and starts the setup procedure again.

Important: Don't select *Reset Satellite Info* unless you've been told to by a professional installer or customer service representative.



Remote

You may have already programmed the remote control to operate your other components in the Guided Setup. If you haven't programmed the remote, or if you need to change your remote control settings, see the section on *Using the Remote Control to Operate Other Components*, starting on page 16.



Audio

The *Audio Options* screen lets you set your preferred language for audio. See the description of this menu on page 29 for more information.



Display

The *Display Options* screen lets you determine the following settings:

- the amount of time the channel banner stays on the screen when you're switching channels
- the aspect ratio of your DIRECTV® Receiver's output (to match your TV's aspect ratio)
- your time zone and whether you're currently on daylight-saving time

The *Display Options* screen has three tabs at the top—*Banner*, *TV Ratio* and *Time Zone*. Use the green and red buttons to switch to the next tab. (You can also switch tabs by highlighting the current tab and pressing the left and right arrows to move to a different tab.)

Banner

The *Banner* tab lets you set the amount of time the channel banner stays on-screen when you change channels on your DIRECTV Receiver. You can choose 2, 4, or 6 seconds.

TV Ratio

The *TV Ratio* tab lets you set the aspect ratio of the DIRECTV Receiver's output signal to match the aspect ratio of your TV. Choose *Widescreen (16:9)* if you have a widescreen TV. Otherwise, leave this setting on *Standard (4:3)*.

Time Zone

The *Time Zone* menu lets you set the local time zone and enact a Daylight-Saving time option. Accurate time and time zone settings are necessary to use the Autotune timer. Setting the time zone is normally automatic, and generally does not require you to do anything.

Setting the time zone should only be done in rare circumstances, such as if the program times are wrong after the access card has been activated.

Using On-Screen Menus

Access Card

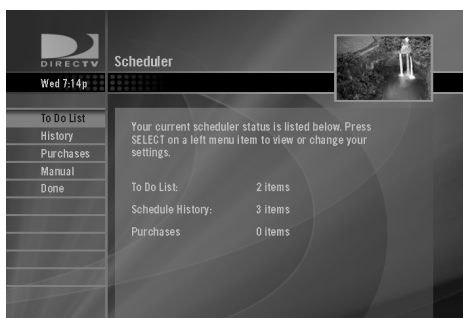
If DIRECTV sends you a new access card, use this menu to replace your old one.

IMPORTANT: *Once you start the access card replacement process, your old card will lose its validity. Make sure you have a valid new access card before you start the process.*

Reset

The *Reset* screen offers several ways to restart or reset your DIRECTV® Receiver:

- *Restart Receiver* turns the receiver off and back on again.
- *Reset Defaults* returns all of the *Parental Controls*, *Audio*, *Display*, *Phone*, *Remote*, and *Caller ID* settings to their initial values, which means that any changes you've made to these settings will be lost. *Reset Defaults* also clears all your favorites lists and scheduled Autotune timers. If the system is locked, you'll be asked to enter your passcode before the receiver resets.
- *Reset Everything* returns all settings back to their original state—exactly as if the receiver were brand new—and starts you with the Guided Setup. All of your satellite system and receiver settings will be lost. Don't select *Reset Everything* unless you've been told to by a professional installer or service representative. If the system is locked, you'll be asked to enter your passcode before the receiver resets.



Scheduler

The *Scheduler* screens let you see the programs you have scheduled to tune automatically. The *Scheduler* screens also show your history of purchases and autotuned programs, and lets you configure an Autotune timer manually.

To Do List

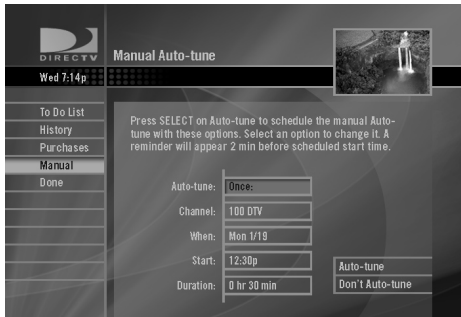
The *To Do List* shows all of your scheduled Autotune timer programs. To edit any item on the *To Do List*, highlight that item and press SELECT.

History

The *Schedule History* shows all of your past purchases and the Autotune timer programs you've already watched.

Purchases

The *Purchases* list shows all of the programs you've purchased but haven't yet watched, along with your past purchases.



Manual

The *Manual Auto-tune* screen lets you set up an Autotune timer manually. Use the arrow buttons on your remote along with your SELECT button to set the following parameters:

- **Auto-tune** lets you set the frequency of the timer
- **Channel** lets you set the channel for the timer
- **When** lets you set the day for the timer
- **Start** lets you set the time of day for the timer
- **Duration** lets you set how long the Autotune timer will stay tuned to the program

Once you've set all the parameters in the timer, press the right arrow and SELECT buttons on your remote control to select *Auto-tune* if you want to set the timer to automatically tune to the channel at the time you've set; or select *Don't Auto-Tune* if you do not want to automatically tune to the channel.

Favorites

The *Favorite Channel Lists* screen lets you set up lists of channels for different types of programming, or for different people in your household. The *Favorite Channel Lists* screen also lets you set which of these channel lists you want to use (including the *All Channels* list). See the next page for more information on the *Favorites* menu and screens.

Parental Controls

The *Parental Controls* screen lets you set rating and spending limits for your DIRECTV® Receiver. The *Parental Controls* screen also lets you block channels from viewing and set the hours of the day when your family can watch satellite programming for different days of the week. For more information on *Parental Controls*, see page 34.

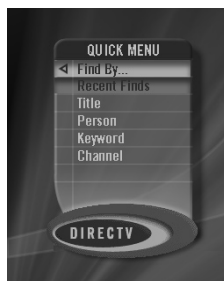
Audio Options

The *Audio Options* screen lets you set your preferred language for audio. You can set your preferred language as English, Spanish, French, Italian, Japanese, Korean, or Chinese. If your preferred language for audio is available for a program, your DIRECTV Receiver will play it. Some TVs and printed program guides refer to this feature as SAP (Second Audio Program).



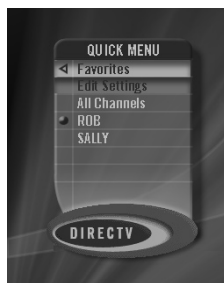
To set your preferred audio language:

1. Press MENU on the remote control.
2. Press the down arrow button to highlight *Audio Options* and press SELECT.
3. Press SELECT with *Edit Settings* highlighted to go to the *Audio Options* screen.
4. Press SELECT in the *Audio Options* screen to access the list of available languages for audio.
5. Use the up and down arrows on your remote control to highlight your preferred audio language. Press SELECT to select it.
6. Press the left arrow to move to the left-hand side of the screen. Use the down arrow to highlight *Done*, then press SELECT to exit the menu system.



Find By...

The *Find By...* Quick Menu lets you search for your favorite programs by title, person or keyword. *Find By...* also lets you search for a specific channel by its name or abbreviation. See page 22 for more information about how to perform a search.



Favorites

The *Favorites* Quick Menu lets you set the current channel list and set up or edit up to two custom channel lists. When you set up a custom channel list, you tell the receiver which channels to show when you use the CHAN up and down buttons, which channels to skip, and which channels to display in the Guide.

To choose the current channel list:

1. Press MENU on the remote control.
2. Use the arrow buttons to highlight *Favorites*. Press SELECT to select it.
3. Use the arrow buttons to highlight the channel list you want to use—you can choose between the *All Channels* list, which includes all the channels, or one of your custom channel lists. Press SELECT with your preferred channel list highlighted to select it.

To set up a new custom channel list:

1. Press MENU on the remote control.
2. Use the arrow buttons to highlight *Favorites*. Press SELECT to select it.
3. Press SELECT with *Edit Settings* highlighted.
4. Highlight one of the Custom lists (either *Custom1* or *Custom2*). Press SELECT to select it.

The channel list starts out empty—you have to fill it with your favorite channels.

5. Fill the list with the channels you want. Try one of these time-saving strategies:
 - **If you want a lot of channels on the list:** Use the right arrow button to highlight *Add All* on the bottom right of the screen. Press SELECT to add all of the channels to the list. Then, go through the list with the up and down arrows and press SELECT to remove the channels you don't want when they're highlighted.
 - **If you want just a few channels on the list:** Use the up and down arrows to highlight boxes next to the channels you want to include in the list.
6. If you're finished with the changing the list, press the left arrow to move to the left-hand side of the screen. Use the down arrow to highlight *Done*, then press SELECT to exit the menu system. Or you can go to the next steps to name your list.

To name your custom channel list:

1. Press MENU on the remote control.
2. Use the arrow buttons to highlight *Favorites*. Press SELECT to select it.
3. Press SELECT with *Edit Settings* highlighted.
4. Highlight the custom list you want to name. Press SELECT to select it.





5. Press the arrow up button to highlight a tab at the top of the screen. Use the left and right arrow buttons to move the highlight from tab to tab. Highlight the *Name List* tab and press SELECT to select it.
6. Use the up, down, left and right arrows to highlight letters on the on-screen keyboard. Press SELECT to enter them.
7. Press the right arrow button several times to leave the on-screen keyboard and highlight *Update Name*.

If you want to update the name with the one you just typed, press SELECT.

If you want to cancel the name change, press the down arrow button to highlight *Don't Update*, then press SELECT.



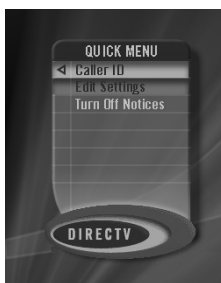
Previous Channels

The *Previous Channels* Quick Menu lets you see a list of the last 4 channels you've tuned. Use the up and down arrows to choose from the list of previous channels and press SELECT to tune to that channel.



Caller ID & Messages

The *Caller ID & Messages* Quick Menu lets you set up your DIRECTV® Receiver to display Caller ID information (if you're signed up for this service with your phone company). Once you've set up your receiver to display Caller ID, this menu gives you access to Caller ID information. This Quick Menu also lets you access messages from DIRECTV in your inbox.



Caller ID

Your DIRECTV Receiver is capable of displaying and storing Caller ID information provided by your local telephone company. **To use this feature, you must have your receiver directly plugged into a telephone outlet (or a RC930 wireless modem) and you must subscribe to Caller ID or similar caller identification services from your telephone company.**

Your Caller ID lets you:

- Identify callers before you answer the phone.
- View the time and date of each incoming call.
- Record the Caller ID information of up to 10 incoming calls sequentially.
- See who called while you were away.

Continues on next page...

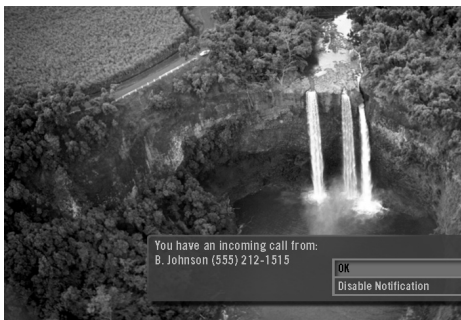
Using On-Screen Menus



Setting Up Caller ID

To set up your Caller ID, display the Quick Menu and select *Caller ID & Msgs*, then select *Caller ID* and *Edit Settings*. Use the up and down arrow buttons to highlight the setting you want to change, then press SELECT to view the options for that setting.

Notification Lets you turn Caller ID notification on or off. Setting this to *On* displays the on-screen Caller ID alert when a call is received. You may want to turn this feature off when you are recording manually and do not want the on-screen messages to appear on your recordings. Your calls will be stored in the *Caller ID Log* screen even when notification is turned off.



Receiving Calls

When your phone rings twice and *Notification* is set to *On*, an alert appears at the bottom of the screen temporarily (except in the guide and in full-screen menus). To clear the Caller ID alert from the screen, press the EXIT button on the remote control. To turn notification off permanently, press the down arrow button to highlight *Disable Notification* and press SELECT.

The alert may include the phone number by itself *or* both the name and phone number. The alert information depends on the type of service your telephone company provides.

The Caller ID alert will override closed captioning at the bottom of the screen (if any is being displayed) and will appear for 30 seconds. The Caller ID alert is displayed over live TV only.

Note: *If you're using your telephone and another call arrives, the new call's information won't appear in the alert or be recorded in the Caller ID Log screen unless you have type II service and a type II Caller ID box in your house.*

If you receive a call while recording a program, the Caller ID alert will display (and be recorded) as selected under Notification.

At all times Caller ID messages will be stored in the Call Log screen (unless a call arrives when you are on the telephone and you do not have a Type II box or Type II service).

Caller ID Indicators

Your Caller ID alert and call list might display the following text:

Out of Area The name and/or phone number of the incoming call is coming from outside the local area.

Private Name The name of the incoming call is sent as “Blocked” from the phone company.

Private Number The phone number of the incoming call is sent as “Blocked” from the phone company.

Unknown Name The name of the incoming call is not provided by the telephone company or the information is unreadable.

Unknown Number The number of the incoming call is not provided by the telephone company or the information is unreadable.

Note: *To clear the Caller ID alert from the screen, press EXIT on the remote control.*

Tip

If you'd like more information to appear in your Caller ID alert and call list, or if you'd like to subscribe to Caller ID, check with your local phone company about the availability of different types of Caller ID service.



Turning Notification On or Off

There are three ways you can turn Caller ID notification on or off:

- Select *Turn Off Notices* (or *Turn On Notices* if *Notices* have been turned off) from the *Caller ID* Quick Menu
- Select *Off* from the choice list for *Notices* in the *Caller ID* menu under the *Service* tab
- Select *Disable Notification* when a Caller ID alert appears



The Call Log

The DIRECTV® Receiver can store up to 10 call entries in the *Call Log* screen. When the memory is full, a new call automatically replaces the oldest call in memory.

To access the call log:

1. Press MENU on your remote control.
2. Use the up and down arrows to highlight *Caller ID & Msgs*. Press SELECT to select it.
3. Press SELECT with *Caller ID* highlighted to go to the *Caller ID* Quick Menu.
If you have calls in the Call Log, these will be listed in the *Caller ID* Quick Menu. To get more information on the calls listed, proceed to the next steps.
4. Use the up and down arrows to highlight *Edit Settings*. Press SELECT to select it.
5. Press the red button on your remote to move to the *Call Log* tab in the *Caller ID* screen.

Deleting Calls

From the *Caller ID Log* screen, you can delete entries:

1. Highlight the call you wish to delete and press SELECT.
2. Press SELECT with *Delete* highlighted. The next screen asks you to confirm that you want to delete the call. Press SELECT to delete the record from the *Caller ID Log*.

Tip: Don't Forget About the EXIT Button

Press the EXIT button on the remote control to remove the on-screen menus and return to normal viewing.

Using On-Screen Menus



Messages

When you have new (unread) messages, the messages icon in the channel banner turns white (like the one shown on the left). The channel banner is displayed when you tune to a channel or press INFO while watching TV.

Checking Your Messages

Select *Caller ID & Msgs* from the Quick Menu, then *Messages* from the next menu and *Messages Inbox* from the *Messages* Quick Menu.



1. Point to a message and press SELECT. The message is displayed for you to read.
2. Press SELECT again to close the message.

If you want to erase a message, point to *Erase Message* and press SELECT. When you exit *Messages*, messages that aren't erased are saved in memory.

Note: The quickest way to see if you have unread messages is to press the INFO button on the remote control. This will display the channel banner.



Parental Controls

The *Parental Controls* Quick Menu lets you set rating and spending limits for your DIRECTV® Receiver. The *Parental Controls* Quick Menu also lets you block channels from viewing and set the hours of the day when your family can watch satellite programming on different days of the week.



Edit Settings

The *Edit Settings* screen lets you set all of your Parental Controls parameters.

To Edit Your Parental Control Settings:

1. Press MENU on your remote control to access the Quick Menu.
2. Use the up and down arrow buttons on your remote control to highlight *Parental Controls*. Press SELECT to select it.
3. Press SELECT with *Edit Settings* highlighted to access the *Parental Controls* settings screen.

The first *Parental Controls* screen shows you a brief overview of your current settings. Use the up and down arrows on your remote control to highlight a *Parental Controls* setting on the left side of the screen, and press SELECT to edit those particular settings.

Lock Now

Locking the system puts the ratings, spending, viewing, and channel limits you have set up for your DIRECTV® Receiver into effect. When you lock the system, no one can modify any of these settings without first entering the four-digit system passcode.

1. In the *Parental Controls* settings menu, select *Lock Now*.
2. Use digit buttons to enter a four-digit system passcode.
3. Enter the passcode a second time to confirm it. The lock icon should be displayed in the channel banner.

Notes: After the system has been locked, you must enter the correct passcode in order to access the Edit Settings screen.

If you forget the system passcode, contact the DIRECTV authorization center.

You can also lock the system from the *Parental Controls Quick Menu*.



Lock icon: All limits are in effect. No limits can be accessed or changed without first entering the system passcode. The system passcode is also required to override limits.

Unlock Now

If the system is locked, you can unlock it by following the same steps above. You can also unlock it from the *Parental Controls Quick Menu*. In both cases, you'll be asked for your passcode.

Temporarily Unlocking the System

When you attempt to access a channel that is blocked by one or more limits (and the system is locked), you will be asked to override limits by entering the four-digit system passcode.

If you enter the passcode to override a limit, you can choose whether the system remains unlocked until you turn off the receiver, or whether the system remains unlocked for the duration of the program that exceeded one of your limits.

When you turn the receiver back on after temporarily unlocking it, the system will be locked. If you want to re-lock the system without turning off the receiver, you can select *Lock Now* from the *Parental Controls Quick Menu*.



Ratings

The *Ratings* screen lets you set a maximum rating viewing limit for rated movies (based on the MPAA rating system) and TV programs. Unrated movies and TV programs can also be restricted.

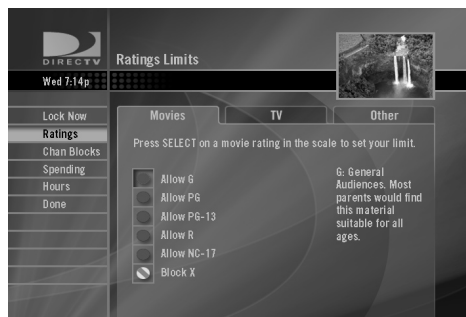
1. In the *Parental Control* screen, select *Ratings*.
2. Highlight the tab for the desired rating feature to set (*Movies*, *TV*, or *Other*).
3. Press the remote control's SELECT button.
4. Use the up and down arrow buttons to move the rating selector to the highest rating you want to be able to view. Press SELECT to block or unblock the rating.

Notes: In the *TV Ratings* menu, you can customize aspects of certain ratings. For example, the *TV-14* rating has four check boxes beside it. Each of these boxes can be checked or unchecked for greater customizing.

The boxes beside certain TV ratings boxes stand for *Fantasy Violence (FV)*, *Dialogue/Adult Situations (D)*, *Language (L)*, *Sex (S)*, and *Violence (V)*.

After the Rating Limit is set and the system is locked, you must enter the system passcode to watch programs with a rating higher than your limit.

Using On-Screen Menus



Movies

The *Movies* tab lets you set rating limits based on the MPAA rating system. Use the up and down arrows to highlight the highest rating you want to be able to view. Press SELECT to set that rating as the highest allowable on the DIRECTV® Receiver.

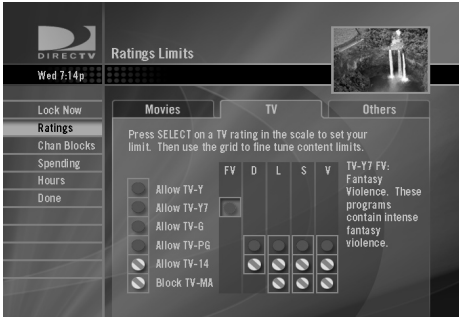
For example, if you only want your child to watch movies that have a PG rating and lower (in other words, movies rated PG and G), then you could automatically block out all other movies with higher ratings by highlighting the rating status button corresponding to PG-13 and pressing SELECT.



TV

The *TV* tab lets you decide which TV programs can and cannot be viewed based on age-based and content-based ratings. The following table gives more information about how the two are related.

Age-Based Rating	Description and Content Themes for Age-Based Ratings
TV-MA	Mature Audience Only. Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).
TV-14	Parents Strongly Cautioned. Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-PG	Parental Guidance Suggested. Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-G	General Audience. Most parents would find this program suitable for all ages. It contains little or no suggestive dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-Y7	Directed to Children 7 years and older. Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-Y	All Children. Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.



You can block programs based on their content. When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well. For example, if you do not want your child to watch programs that have adult language (L) rated TV-PG or higher, then you could block out all programming TV-PG and above containing adult language.

To block program content:

1. Determine the lowest level of content you don't want the child to watch.
2. In the *TV* tab, use the up and down arrow buttons on the remote to highlight the age-based ratings that correspond with the lowest content you do not want the child to watch. (In the example above, you would highlight *TV-PG*.)
3. Press the right arrow to move to the content field (*FV*, *D*, *L*, *S*, or *V*).
4. Press the SELECT button to change content status from unblocked to blocked (with a lock icon). All higher ratings' content themes are blocked.

Note: Broadcasters are not required to provide content themes or age-based ratings.

To unblock program content:

1. Determine the content themes you want to unblock.
2. In the *TV* tab, use the up and down arrow buttons to highlight the age-based rating whose content theme you want to unblock.
4. Press the right arrow button to move to the content field.
5. Press the SELECT button to change its status back to unblocked.

Note: If the entire age-based rating is blocked, you can't unblock individual content themes for that rating. You have to unblock the entire age-based rating, then re-lock the content themes you want to leave blocked for that age-based rating.

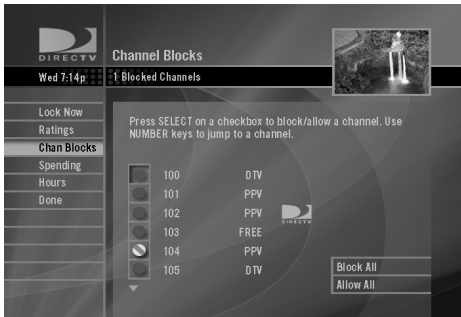
Content Themes	
D	Suggestive dialogue
L	Language content
S	Sexual content
V	Violence
FV	Fantasy Violence



Other

The *Other* tab lets you block programs with no rating (which includes many sports and news programs) or programs with a rating of *None*. Press SELECT on the box next to *Allow No Rating/None* to change the status of this Parental Control option.

Using On-Screen Menus

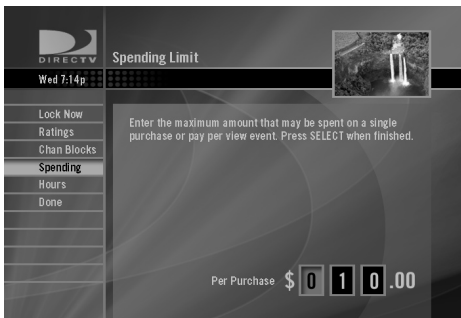


Channel Blocks

1. Select *Chan Blocks* from the *Parental Controls* screen.
2. Use the up and down arrow buttons to highlight a channel, and press SELECT to change its status. Channels with the green dot next to them are not blocked. Channels with the slashed white circle next to them are blocked.

Block or Unblock All Channels

You might be able to save time when choosing channels to block by using the *Block All* option or the *Unblock All* option before blocking or unblocking individual channels.



Spending

Select the *Spending* option to indicate a per-event spending limit for pay per view programs.

1. In the *Parental Controls* screen, use the up and down arrow buttons to highlight *Spending*, then press SELECT.
2. Use the number buttons on the remote control to enter a single-program spending limit.

Note: After a *Spending limit* is set and the system is locked, the *passcode* will be required to purchase a pay per view program that costs more than the set *Spending limit* allows.

If you want to require a *passcode* for all purchases, set the *spending limit* to \$0.00



Hours

Use the *Hours* option to set the time period during the day during which satellite programming can be watched.

1. In the *Parental Controls* screen, select *Hours*.
2. Use the up and down arrows on the remote control to highlight the setting you want to change. Press SELECT to edit the setting.
3. Use the left and right arrows on your remote control to highlight the digit you want to change. Use the up and down arrows to increase or decrease the number. Press SELECT when you're finished editing the setting.

You can choose when viewing can start (*Start* time) and when it must end (*Start* time + *Duration* time) for three parts of the week separately: Monday through Thursday, Friday and Saturday, and Sunday. Be sure to lock the system for these limits to take effect.



Lock Now

Locking the system puts the ratings, spending, viewing, and channel limits you have set up for your DIRECTV® Receiver into effect. When you lock the system, no one can modify any of these settings without first entering the four-digit system passcode.

1. In the *Parental Controls* Quick Menu, highlight *Lock Now* and press SELECT.
2. Use the digit buttons to enter a four-digit system passcode.
3. Enter the passcode a second time to confirm it. The lock icon should be displayed in the channel banner.

Troubleshooting

Many problems can be corrected by performing a simple reset of the DIRECTV® Receiver. If you experience the following:

- **Image freezes** • **Audio freezes**
- **Blank screen** • **Won't respond to front panel or remote**

press the red RESET button behind the door on the front panel. If the problems persist, try unplugging the DIRECTV Receiver for 15 seconds, and then plug it in again.

Running the *System Test* (described on the page 41) can also help you diagnose and solve many common problems.

You can find additional troubleshooting help at DIRECTV.com.

DIRECTV Receiver Problems

Blank screen with the message "Searching for satellite signal. Please standby."

- Your satellite system may be experiencing rain fade, a temporary loss of the satellite signal due to the signal's inability to penetrate unusually heavy rain clouds or rainfall. Rain fade is usually brief, lasting only as long as the heavy rain cloud condition persists.
- If the blank screen and message persist, make sure the cable from your satellite dish is connected to the SATELLITE IN jack on the back of your receiver.
- Your dish may be blocked. Make sure that trees haven't grown to block the dish. Check to make sure that something else isn't blocking the dish.
- Your dish may not be pointed correctly. Check its position to make sure it hasn't been moved.

IMPORTANT: Only inspect or realign your dish when you can safely and easily do so. Many dishes are difficult to reach. If this is the case, call an installer for further assistance.

Screen goes blank during Satellite Data Acquisition

- This is normal. The progress bar times out after two minutes (see page 12 for details). If your screen is still blank for two minutes after the progress bar times out, follow these steps to restart your receiver:
 1. Unplug the DIRECTV Receiver's power cord from the power outlet.
 2. Wait a few seconds – then, plug in the DIRECTV Receiver again.
 3. Turn on the receiver and wait for it to download program guide information.

Wrong picture

The DIRECTV Receiver and most VCRs let you pass through other signals. If you don't see the signal you think you should be seeing, try using these buttons to toggle between the signals:

- Press the TV/VCR button on the VCR remote or on the VCR's front panel.
- Turn off the DIRECTV Receiver to pass through the cable/off-air signal. Turn on the DIRECTV Receiver to send its signal.

Taking either of the above actions lets you switch the source of the video signal from satellite signals to the off-air antenna or cable signal, and vice versa.

Problems with Caller ID

- Typical wireless phone jacks do not transmit Caller ID information. You need a special wireless phone jack to use with Caller ID service. See the user's manual that came with the wireless phone jack to see if it transmits Caller ID information. If it doesn't, either connect the phone line directly to a standard wall-mount phone jack or install a wireless phone jack that transmits Caller ID information.
- To use Caller ID with the DIRECTV Receiver, you must have your receiver directly plugged into a telephone outlet (or a RC930 wireless modem) and you must subscribe to Caller ID or similar caller identification services from your telephone company.

Receiver will not turn on

- Make sure the remote control is in DIRECTV mode. The mode switch should be all the way to the left.
- Check to make sure the receiver is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Maybe batteries in remote control are "dead." Press the POWER button on the front panel to turn the receiver on.
- Maybe remote control is not aimed at remote sensor.
- Unplug the receiver. Wait 15 seconds. Plug it in again.

Continues on next page...

Other Information

Turns off while playing

- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.

Channels are missing from the guide

- The channels might be excluded from the current *Favorites* list. Press MENU on the remote control, then highlight *Favorites* and press SELECT. In the *Favorites* menu, highlight *All Channels* and press SELECT. See page 30 for more information on *Favorites* lists.

DIRECTV Receiver turns on or changes channels unexpectedly

- An Autotune timer may have been activated.

Blank screen

- Maybe the component connected to the input jacks is not turned on.
- Try another channel.
- Your DIRECTV® Receiver may be hooked incorrectly to the TV. Press the INFO button on the DIRECTV Receiver's front panel to see if the channel banner appears. If it does not, check the *Setup and Connections* section for instructions about connecting your DIRECTV Receiver.

Remote Control Problems

Problems with the remote control

- Maybe something is between the remote control and the remote sensor.
- Maybe the remote control is not in DIRECTV mode. Move the mode switch to the DIRECTV position (all the way to the left) so the remote will control the DIRECTV Receiver.
- Make sure you're pointing the remote control directly at the IR receiver on the front panel. Also, try to position the DIRECTV Receiver so that the remote control is usually at about the same height.
- Maybe the batteries in the remote control are weak, dead or installed incorrectly. Try replacing batteries.
- If you're entering a channel number that is less than three digits long, the receiver might wait two seconds before actually tuning to the channel.
- If you are trying to operate a device other than the DIRECTV Receiver that you have programmed the remote to control, make sure the mode switch is in the correct position. The light on the remote under the mode position you're using lights up when you press a valid button for that component.

The mode switch light starts flashing

- The batteries in the remote control are running low and should be replaced soon. (Note that when you replace the batteries you may have to reprogram your remote to control other devices.)

TV Problems

Blank screen

- Maybe the component connected to the TV's input jacks is not turned on.
- Try another channel.

TV turns on or changes channels unexpectedly

- Your TV's timer may have been activated.

Running the System Test

The *System Test* allows you to run a basic diagnostics check on your DIRECTV® Receiver. If you are experiencing any trouble with your receiver, run the system test. It will also allow you to get your access card and receiver ID numbers or to initiate diagnostic procedures on your DIRECTV Receiver.

First make sure that:

- all connections—jacks, cables, etc.—are correctly in place. See Chapter One, *Setup and Connections*, for more information
- there are batteries in the remote control, and they are working correctly
- the access card is installed in the DIRECTV Receiver

Follow these steps to run the diagnostics system test on your DIRECTV Receiver.

1. Turn on your TV and the DIRECTV Receiver.
2. Move the mode switch to the DIRECTV position (all the way to the left) to put the remote control in DIRECTV Receiver-controlling mode, then press MENU to bring up the Quick Menu.
3. Select *Settings*.
4. Select *Setup*.
5. Select *Info & Test*
6. Select the *System Test* tab and press SELECT with the *Run Test* button highlighted.
5. If your system does not pass the system test, check any of these potential trouble areas: cabling, pointing the satellite dish, phone connection, and access card.
6. If you continue to have problems, call DIRECTV at 1-800-531-5000.

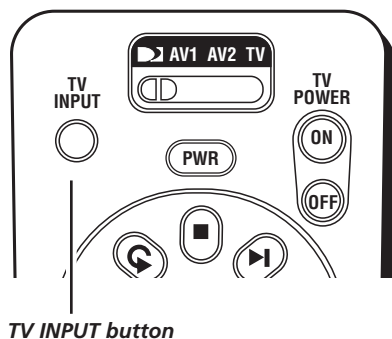
You should run a system test several times before concluding that there is a problem. Occasional fluctuations in the phone line or satellite signal can give temporary false readings.

Fine-Tuning the Signal

If you self-installed your satellite dish antenna, you may have already used the Guided Setup to find the dish-pointing coordinates, acquire and fine-tune the signal, and run a system test.

If you need to run the Guided Setup again, select *Settings* from the Quick Menu, then *Setup*, then *Satellite*. In the *Satellite Dish Setup* screen, use the arrow buttons to highlight *Repeat Satellite Dish Setup* and press SELECT.

If you just want to check your dish-pointing coordinates or run the signal strength meter, in the *Satellite Dish Setup* screen, select the *Enter Lat. & Long* or *Test Signal Strength* button and press SELECT.



Finding the TV's Video Line Input

Note: If your TV is connected with just coaxial cables, you only need to tune it to channel 3 or 4.

If you used audio/video cables to connect your TV to the DIRECTV Receiver, you must tune your TV to the video input channel to view DIRECTV® programming and menus. There are just as many ways to access a TV's video input channel as there are brands and models of TVs.

If you've programmed the remote to control your TV, turn on your DIRECTV Receiver and TV, then press the TV INPUT button until you see the signal from the DIRECTV Receiver.

If you haven't programmed the remote to control your TV, find your TV's remote control and owner's manual. Follow the instructions in your TV's owner's manual for finding the video line input.

If you cannot find your TV owner's manual, you will have to investigate. You might access the TV's video input channel by:

- pressing a button on the remote control
- finding it through the TV's menu system
- tuning directly to it by pressing a specific channel number
- going through all channels in the list by pressing the channel up or down buttons on the TV.

The box to the left lists of some of the different ways manufacturers label the video input channel.

Video Line Input Variations

Button/switch on the TV	Button on the TV Remote	Channel #
VIDEO	VID 1	00
SIGNAL	LINE	90
VID 1	VID	91
VID 2	VIDEO	92
S-VID	S-VID	VID 1
S-VIDEO	INPUT	VID 2
	SOURCE	
	AUX	

Other Information

LIMITED 90 DAY WARRANTY

DIRECTV warrants your DIRECTV® Receiver (Model Number: D10) and any included accessories against defects in material or workmanship for a period of ninety (90) days after the date of purchase.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase. THIS LIMITED WARRANTY EXTENDS ONLY TO THE ORIGINAL CONSUMER PURCHASER OR ANY PERSON RECEIVING THE DIRECTV RECEIVER AS A GIFT FROM THE ORIGINAL CONSUMER PURCHASER AND TO NO OTHER PURCHASER OR TRANSFEREE. THIS WARRANTY DOES NOT EXTEND TO COMMERCIAL USERS. THIS PRODUCT IS NOT AUTHORIZED FOR USE OUTSIDE THE UNITED STATES AND ANY SUCH USE VOIDS THIS WARRANTY.

WHAT IS COVERED?

Warranty coverage begins the day you purchase the product. For ninety (90) days from the purchase date, at the option of DIRECTV, the DIRECTV Receiver will be repaired or replaced with a new, repaired, refurbished or comparable product (whichever is deemed necessary) if it becomes defective or inoperative. This exchange is done without charge to you for parts and labor. You will be responsible for the cost of shipping to and from the location designated by DIRECTV. If DIRECTV cannot reasonably repair or replace the Receiver then DIRECTV may, at its sole discretion, refund the price you paid for the product or the current retail price of the product.

All products, including replacement products, are covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires. After ninety (90) days from the date of purchase, you pay for the replacement of all parts, and for all labor charges.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WHAT IS EXCLUDED?

Your warranty does NOT cover:

- Labor charges for installation or setup of the product.
- Installation, performance of, or repair of: audio/video cabling, telephone line, or accessory attachments used with the product.
- Product replacement because of misuse, accident, lightning damage, unauthorized repair, or other cause not within the control of DIRECTV.
- Incidental or consequential damages resulting from the product. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.
- Any modifications or other changes to the product, including but not limited to software or hardware modification in any way other than as expressly authorized by DIRECTV will void this limited warranty. Except in the case of hardware or software provided by DIRECTV, installing software modifications, "hacks" or utilizing service access or "back doors" will void this limited warranty.
- Reception transmission problems caused by signal conditions, telephone line, or cable or antenna systems outside the unit.
- A product that has been modified or adapted to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- A product used for commercial or institutional purposes.
- DIRECTV makes no warranty that the access connection will be a local (not long distance) phone call.
- The continued provisioning of any of the programming and other services delivered through the Receiver including but not limited to television programming, show information, program guide data, and scheduling information.

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this User Guide and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING REPAIR SERVICE...

Please check the troubleshooting section of this guide. This may save you a call to DIRECTV Customer Care.

TO GET WARRANTY SERVICE...

Warranty service will be provided by DIRECTV. If you believe you need service for your Receiver, contact DIRECTV at 1-800-DIRECTV (347-3288). A representative will go through a diagnostic checklist with you. If it is determined that the product needs to be returned for service or exchanged, you will receive a return authorization number. The representative will give you complete shipping details.

TO GET OUT-OF-WARRANTY SERVICE...

To obtain out-of-warranty service contact DIRECTV at 1-800-DIRECTV (347-3288) for information on the possibility of and any costs for repair or replacement of out-of-warranty products.

REMEMBER...

Record the model and serial numbers found on the product below.

MODEL # _____

SERIAL # _____

ALL WARRANTIES IMPLIED BY LAW, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

WITH THE EXCEPTION OF ANY WARRANTIES IMPLIED BY THE LAW OF ANY STATE OF THE U.S.A., THIS EXPRESS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AGREEMENTS AND SIMILAR OBLIGATIONS OF DIRECTV. REPAIR OR REPLACEMENT AS PROVIDED IN THIS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY. IN NO EVENT WILL DIRECTV BE LIABLE FOR ANY AMOUNT GREATER THAN THE RETAIL PRICE OF THE DIRECTV® RECEIVER. DIRECTV SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THE DIRECTV® RECEIVER.

SOME STATES DO NOT ALLOW LIMITATIONS ON WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

DIRECTV, Inc.
2230 E. Imperial Hwy
El Segundo, CA 90245
1-800-DIRECTV (347-3288)

DIRECTV PROTECTION PLAN

Protect your DIRECTV® System with the DIRECTV PROTECTION PLAN. For a low monthly fee, the DIRECTV PROTECTION PLAN covers the components of your DIRECTV System, giving you peace of mind and comprehensive support to ensure that you and your family enjoy nonstop DIRECTV® entertainment.

DIRECTV PROTECTION PLAN BENEFITS

Your DIRECTV Limited Warranty provides certain remedies for this receiver during the stated coverage term. The DIRECTV PROTECTION PLAN provides comprehensive coverage for your DIRECTV System, including:

- In home service calls when needed
- Power surge related repairs
- Cables, switches, and associated wiring throughout home
- Dish antenna realignments
- Replacement of defective equipment (if problem can not be resolved over the phone) *
- Defective remote control replacements
- 24-hour Technical Support
- All parts and labor for repair

Get ALL THAT FOR JUST \$5.99 a month for accounts with standard DIRECTV Receivers and only \$7.99 a month for accounts with DIRECTV® DVR, DIRECTV HD Receivers, or DIRECTV Receivers with UltimateTV Service. This one low monthly fee covers every DIRECTV component and receiver on your account.

SIGN UP FOR THE DIRECTV PROTECTION PLAN TODAY

If you have standard DIRECTV Receiver(s), visit DIRECTV.com and SIGN IN using the simple steps below or call 1-800-DIRECTV.

1. SIGN IN with your user name and password, or click on the “Register now” link and go through the easy steps, then continue with Step 2.
2. SELECT Option B, and then click the “Next” button at the bottom of the page.
3. SCROLL down to Step 3 (Add Additional Services) and SELECT “DIRECTV PROTECTION PLAN,” then CLICK on the “Next” button.
4. REVIEW your change and CLICK on the “Accept These Changes” button.

If you have a DIRECTV® DVR, DIRECTV HD Receiver, or DIRECTV Receiver with UltimateTV Service, please call 1-800-DIRECTV to sign up.

The DIRECTV PROTECTION PLAN is offered by AIG Warranty Guard and underwritten by New Hampshire Insurance Company on behalf of DIRECTV where authorized by law. Certain limitations apply. Pricing, terms and conditions of the DIRECTV PROTECTION PLAN are subject to change. The DIRECTV PROTECTION PLAN may not be available to customers located in the territories served by the National Rural Telecommunications Cooperative and its affiliates and members. Full terms and conditions will be mailed to you prior to service billing and are available at DIRECTV.com. (Note: Annual payment option no longer available.)

*A fee of \$49 for standard IRD equipment, \$249 for DIRECTV DVR or Ultimate TV equipment, or \$400 for HD equipment will be charged to your DIRECTV bill if the defective equipment that we are replacing for you is not returned within 30 calendar days. The plan will provide a return box for the defective equipment and even pick up the shipping costs. You'll receive replacement equipment in about 72 hours.

Other Information

FCC Customer Information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back or bottom side of this equipment is a label that contains, among other information, a product identifier in the format US:G95XXXXXXXXX. If requested, this number must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular RJ11 plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The Ringer Equivalence Number (REN) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN number is located on the label of this product.

If this digital satellite receiver (modem) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this digital satellite receiver, for repair or warranty information please refer to the appropriate section of this manual. This product is not user serviceable. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs and may not be allowed. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure that the installation of this digital satellite receiver (modem) does not disable alarm equipment, consult your Telephone Company or qualified installer.

FCC Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: DIRECTV

Model(s): D10

Equipment Classification: TV Interface Device

Responsible Party: DIRECTV, Inc.
2230 E. Imperial Hwy
El Segundo, CA 90245
Telephone: 1-800-DIRECTV (347-3288)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

A

Access card 3, 12, 15, 28
 Alternate audio 20
 Arrows on remote 14
 Aspect ratio 27
 Audio hum 2
 Audio options 20, 29
 Autotune 19, 29, 40

B

BACK button 14, 24
 Back panel 10
 Batteries 10, 40
 Blocking channels 38
 Blocking program content 37
 Buttons, remote control 14, 15

C

Caller ID 31, 32, 33, 34
 alert 32
 log 33
 notification 32
 problems 39
 receiving calls 32
 Category sort 21
 Channel banner 20, 27
 Channel blocks 38
 Channel lists 30
 Connections 3
 basic 9
 excellent 5
 problems 39
 very good 7
 Content themes 37

D

Date and time 22
 Deleting call entries 33
 DIRECTV mode 14, 39
 DIRECTV News & Info 13
 Disable notification 33
 Dish pointing coordinates 26
 Display options 27

E

Enter latitude and longitude 26
 Exiting menus and screens 24
 EXIT button 11, 14, 24, 33

F

Favorite channels 30
 FCC information 44
 Find by... 22
 Fine-tuning the signal 41
 Front panel 15

G

Guided setup 11, 41
 GUIDE button 14, 15, 18

H

Highlight and select 11, 24
 Hours 38

I

Icons 20, 34
 INFO button 11, 14, 15, 19, 20
 Interference 2

J

Jacks and cables 2

L

Language for audio 20, 29
 Latitude and longitude 26
 Locking the system 20, 35, 38

M

MENU button 11, 14, 15, 18,
 21, 24
 Menu system 24
 Messages 31, 34
 checking 34
 deleting 34
 icon 20
 Mode switch, remote control
 14, 16, 17, 39, 40
 Movie ratings 36
 MUTE button 14

N

Notification 33

O

Overheating 2

P

Parental controls 20, 34
 channel blocks 38
 editing 34
 locking 35, 38
 movies 36
 program content 37
 ratings 35
 spending limits 38
 TV 36
 unlocking 35
 unrated programs 37
 viewing hours 38
 Passcode 28, 35, 38
 Power surges 2
 Problems, solving 39
 Programming
 ordering 12
 tuning to 19
 Program details 19
 Program guide
 date and time 22
 quick menu 18, 21
 scrolling 19
 sorting 18
 tuning to a program 19
 using 18, 19
 Purchases 19, 28

Q

Quick menu 18, 21, 24

R

Ratings 35
 Recent finds 22
 Recording 5, 7, 9
 Remote control
 buttons 14, 15
 modes 17
 problems 40
 programming 16, 17
 Reset defaults 28
 Reset everything 28
 Reset satellite info 26
 Restart receiver 28
 Retracing your steps 24

S

Satellite data acquisition 12, 39
 Satellite setup 26
 Scheduler 19, 28
 Schedule history 28
 Scrolling 19
 Searching for programs 22
 Settings 25
 Setup 25
 Showings 19
 Signal strength 26, 41
 Spending limits 38
 System info 25
 System test 25, 41

T

Telephone icon 20
 Temporarily unlocking the
 system 35
 Timer 19, 29
 Time zone 27
 To Do list 28
 Troubleshooting 39
 Tuning to a program 19
 Turn off notices 33
 TV aspect ratio 27
 TV ratings 36

U

Unblocking channels 38
 Unblocking program content
 37
 Unlocking the system 20, 35
 Unrated programs 37
 User profiles
 spending limits 35
 viewing hours 35

V

Video input channel 5, 7, 41
 Viewing hours 38

W

Warranty 42

DIRECTV, the Cyclone Design logo and ADVANCED PROGRAM GUIDE are trademarks of DIRECTV, Inc. and are used with permission.

Printed in the USA

TOCOM 16329110

The software used to display images in this product is based in part on the work of the Independent JPEG Group.