

User Manual

P.O. Box 1079
El Segundo, CA 90245



USER GUIDE

DIRECTV GENIE™ & EARLIER
HD DVR RECEIVERS



When you see the ENERGY STAR label on your set-top box, it means that your set-top box is ENERGY STAR qualified, giving you the benefit of saving energy and helping our environment.

However, ENERGY STAR labeled HD DVR set-top boxes qualify for ENERGY STAR **only when configured with the DIRECTV® Whole-Home DVR service**. All other ENERGY STAR labeled set-top boxes, when used in conjunction with a DIRECTV subscription, meet ENERGY STAR criteria without requiring the consumer to take any additional steps.

WELCOME TO THE DIRECTV FAMILY!

Welcome! Now that you're plugged in, it's time to start enjoying access to over 285 (including over 190 full-time HD channels) channels of live and On Demand TV programming, satellite music and a huge selection of box office hits from DIRECTV CINEMA®. We'll take you step by step through everything, from pushing the POWER button to searching for your favorite programs.

This User Guide applies to the DIRECTV® HD DVR and the Genie™ HD DVR and Mini Clients. Because this User Guide was designed to accommodate several models, your Receiver, its user interface, and certain features may vary from what is shown here.

Online Manuals and Other Resources

- To view the most up-to-date manuals for DIRECTV Receivers and other equipment, please visit www.directv.com/manuals or go to www.directv.com and search for keyword "manuals".
- You can also visit www.directv.com to manage your account, and find information about DIRECTV service, programming packages, special promotions, and much more.

Getting Connected

If a professional installed your DIRECTV™ HD DVR and any Clients, you are ready to start watching TV. If your equipment was not professionally installed, or you just added a surround sound system or other equipment, please see Appendix 1, "Setup and Activation".

IMPORTANT:

- Advanced Receiver service fee is required with all HD DVRs to view the HD channels included in your programming package in HD, and for DVR functionality.
- DIRECTV hardware, programming and Advanced Receiver service available separately. For information and pricing, please visit directv.com.

TABLE OF CONTENTS

Welcome to the DIRECTV Family!	3
Safety & Care	6
Product Information	8

CHAPTER 1: USING YOUR REMOTE CONTROL

Your Remote Control	10
The Progress Bar	17
Live Buffer	18

CHAPTER 2 - CHANNELS & PROGRAM INFO

Program Guide	20
Channel Banner & TV Options	26
Menu	30

CHAPTER 3: SEARCH & BROWSE

Movies, On Demand and Pay Per View	34
Sports	40
TV Shows and Genie™ Recommends	41
Search Features	43

CHAPTER 4: RECORDINGS

Recording a Single Show	48
Recording a Series	50
Watching and Deleting Your Recorded Shows	52
Playlist	53
Manage Recordings	57
Recording from Your Computer, Phone or Tablet	61

CHAPTER 5 - EXTRAS & SPECIAL FEATURES

Extras	64
Special Features	70
DIRECTV® Whole-Home DVR Service	74
Genie™ HD DVR & Mini	79
DIRECTV™ Mobile Apps	80

CHAPTER 6 - SETTINGS & HELP

Settings	84
Parental Controls	93
Favorite Channels	98

Help	99
------------	----

CHAPTER 7 - GENIE™ HD DVR

Genie™ HD DVR	102
DIRECTV Genie Mini Back Panel Example	107

CHAPTER 8 - TROUBLESHOOTING & FAQs

Troubleshooting Tips	110
Frequently Asked Questions	113

CHAPTER 9: WARRANTY AND OTHER INFO

Limited 90-Day Warranty	130
DIRECTV PROTECTION PLAN	133
FCC Customer Information	134
TERMS AND CONDITIONS FOR USE OF SOFTWARE ("TERMS")	137

APPENDICES

Appendix 1: Setup and Activation	148
Appendix 2: Connections to TV & Equipment	149
Appendix 3: Receiver Front and Back Panels	159
Appendix 4: Get Connected	163
Appendix 5: About High-Definition	169

Index	174
Icon Reference	178

SAFETY & CARE

Your DIRECTV® Receiver has been designed and manufactured to stringent quality and safety standards. You should, however, be aware of the following important precautions for safe and optimal use of the equipment. Meaning of symbols printed on the rear panel of the product:



This symbol indicates that dangerous voltage with a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

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 are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit the apparatus.
11. Use only 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. Ensure proper ventilation — the vent slots on the DIRECTV® 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.
15. Use only the power supply (power cord) that came with your DIRECTV Receiver. Failure to use the authorized power supply (power cord) may cause electric shock, fire, bodily injury and/or property damage. If the power supply (power cord) becomes damaged or needs to be replaced, please contact DIRECTV Customer Service to obtain an authorized replacement.



WARNING: Use only the power supply (power cord) that came with your DIRECTV Receiver. Failure to use the authorized power supply (power cord) may cause electric shock, fire, bodily injury and/or property damage. If the power supply (power cord) becomes damaged or needs to be replaced, please contact DIRECTV Customer Service to obtain an authorized replacement.

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 and no objects filled with liquids, such as vases, shall be placed on the apparatus.



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.

IMPORTANT: Be sure not to place your DIRECTV® Receiver near anything WET or HOT!
If this product is rated at 240VAC, a suitable attachment plug should be used.

CAUTION: Avoid moisture to reduce the risk of fire or electric shock. The DIRECTV® Receiver should not be used near water (for example, kitchen sink, bathtub, pool, damp basement). Also, never spill liquid on the Receiver. Do not place vases or other vessels containing liquid on top of it.

TIP: We highly recommend plugging the DIRECTV® Receiver into a surge protector to prevent damage from fluctuations in your power supply.

- Do not stack electronic components or other objects on top of the DIRECTV® Receiver. Also, do not stack the Receiver on top of a "hot component" such as an audio power amplifier.
 - Protect your components from power surges by connecting all the components before plugging any power cords into the wall outlet. Use of a surge protector is also recommended.
 - Don't overload power outlets or extension cords, which can result in the risk of fire or shock. It's also important to use only the type of power source indicated on the marking label or in this manual.
 - Avoid audio hum or interference by inserting all cable plugs firmly into their jacks. Also, place Audio/Video (A/V) cables to the sides of the TV back panel rather than down the middle once connected. Try not to coil any twin-lead cables and keep them away from A/V cables as much as possible.
 - Never insert objects of any kind into any openings in the DIRECTV® Receiver (other than the DIRECTV® Access Card as detailed in this manual).
 - Place it on a flat, hard surface — do not operate the DIRECTV® Receiver on a carpet or other padded surface.
 - Always unplug your DIRECTV® Receiver before moving it.
 - Always unplug the DIRECTV® Receiver, TV and other equipment before you connect or disconnect any cables.
 - The only way to disconnect the DIRECTV® Receiver from the power supply is to remove the power cord. The DIRECTV® Receiver unit must therefore be installed next to the power point which must be easily accessible.
 - **CAUTION:** Electric Shock — never attempt to disassemble the DIRECTV® Receiver yourself; always take it to a qualified service person when repair is required. Opening or removing covers may expose dangerous voltage or other risks. Incorrect reassembly can cause shock when Receiver is subsequently used. Attempted self-repair may also void your warranty. Changes or modifications not expressly approved by the party responsible for compliance (by the warranty or by the manufacturer) could void the user's authority to operate the equipment.
 - Do not drop your DIRECTV® Receiver and always move it with care.
 - Have your DIRECTV® Receiver professionally serviced (do not attempt to service it yourself).
 - Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 - If you move your DIRECTV® Receiver between locations at different temperatures, allow it to reach room temperature before you apply power to it.
 - Do not pick up or otherwise move your DIRECTV® Receiver while it is connected to the AC power supply. If you want to move your set-top box, first disconnect it, then wait at least 30 seconds before continuing.
 - **CAUTION:** To reduce the risk of fire, use only No. 26 AWG or better telecommunications line cord.
 - **CAUTION:** Replace remote control batteries with same or equivalent type. There is danger of explosion if batteries are incorrectly replaced.
 - **For your information:** The identification sticker for your Receiver is located behind the small door on its front panel. For your Mini Client, the sticker can be found on the bottom or base of the unit.
 - The telecommunication network voltage used is the category number 3.
- Note to Satellite Dish Installer:** This reminder is provided to call your attention to articles 810 and 820 of the 2005 National Electrical Code. Refer to article 810, in particular 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.

PRODUCT INFORMATION

Keep your receipt to obtain warranty parts and service and for proof of acquisition. Attach it here and record the serial and model numbers in case you need them. *These numbers are typically located behind the card door on the front panel of your Receiver.

Model No. *	
Serial No.	
Acquisition Date	
Dealer/Address/Phone	
Access Card *	
Receiver ID *	

CHAPTER 1: USING YOUR REMOTE CONTROL

Your Remote Control	10
DIRECTV Genie™ Remote Control (RC71 & Above)	10
DIRECTV Universal Remote Control (RC65 & Earlier)	12
Power Button & Mode Switch	12
Basic Button Controls on DIRECTV Remotes	13
Screen Hint Buttons	13
DVR Control Buttons	14
Checking Remote Control Status	16
The Progress Bar	17
Live Buffer	18

YOUR REMOTE CONTROL

DIRECTV GENIE™ REMOTE CONTROL (RC71 & ABOVE)

Introducing the DIRECTV Genie™ Remote Control

The DIRECTV Genie Remote Control (Model series RC71 and above) with Radio Frequency (RF) technology offers improved functionality and a host of convenient benefits. While the Genie Remote comes factory-set to Infra Red (IR) Mode, so it works with your earlier model Receivers. You can easily change the settings on your DIRECTV Genie HR44 Receiver, your Genie Mini (C41 only) and Genie Wireless Mini (C41W and above) to take advantage of the many benefits of RF like:

- Improved command speed
- Extended battery life (up to a year)
- Reduced interference
- No more “line-of-sight” operation which required that you point the Remote directly at the Receiver or client. It even works through cabinet doors.

During the programming process, the Genie Remote becomes paired with the DIRECTV Receiver you want it to work with. However, you can easily pair it with a different DIRECTV Receiver, Genie Mini or other DIRECTV® Ready client anytime.

See next page for RF Mode and programming instructions; for the complete button layout of the Genie Remote, go to the back cover of this manual.

NOTE: If you have upgraded to the latest DIRECTV Genie Receiver (HR44 and above) and Mini Client (C41, C41W and above), the Genie Remote is not required – you can still use the previous generation Universal Remote Control to operate your devices.



Programming Your Genie Remote

1. Make sure your TV is turned on.
2. Make sure the TV to which you want to program your Genie Remote is turned on.
3. Press **MENU** on the Remote, then select **Settings & Help** from the left menu.
4. Select **Settings** from the Settings & Help screen.
5. Select **Remote Control** from the left menu
6. Select **IR/RF Setup**.
7. Use the arrow keys to select **IR** or **RF**, depending on which Receiver you wish to pair the remote with, then arrow to select **Continue**.
8. Follow the onscreen instructions.

For instructions on how to program your remote to an DIRECTV® Ready Television, please visit directv.com/rvu.

If you have set your Genie Remote to RF mode, and wish to reset it to IR mode, repeat the above steps to #6, choose IR, and follow the onscreen instructions.



DIRECTV UNIVERSAL REMOTE CONTROL (RC65 & EARLIER)

If your DIRECTV System was installed professionally, your Remote is already programmed to operate your Receiver and TV. To re-program the Remote for a different TV or other audio-visual equipment, press MENU, select Settings & Help, Settings, then Remote Control and follow the onscreen instructions.

POWER BUTTON & MODE SWITCH

Use the POWER (PWR) button and Mode Switch to turn a single component on or off (a DVD player or surround sound system, etc.). Move the Mode Switch to the position that matches the component you want to control, and use the POWER button to turn it off or on. The Mode switch must always be in the far left position to control your DIRECTV Receiver. If the Mode Switch is in a position that has not been programmed, or if you press a button that is not supported by that particular piece of equipment, an onscreen message will display to alert you.

NOTE: If you have one or more of DIRECTV's previous model Universal Remote Controls (Model RC65 or earlier), you can continue using it with your existing Receivers (HR34 and earlier) and DIRECTV Clients (C31 and earlier).



BASIC BUTTON CONTROLS ON DIRECTV REMOTES

The navigation and destination keys below are common to all models of DIRECTV Remotes:

MENU – Evokes the main menu for access to all features in your DIRECTV System

INFO – Displays the Channel Banner where you can get information about your current program.

GUIDE – Accesses the Program Guide.

LIST – Accesses the Playlist screen.

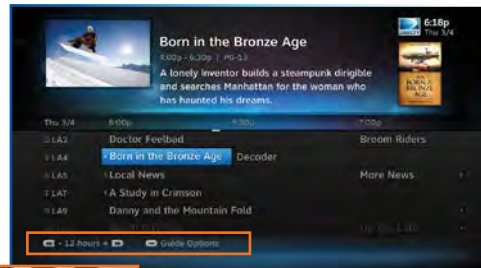
EXIT – Dismisses any menu screen/box and returns you to your current programming.

ARROW Keys & SELECT – Navigate through any menu screen or dialog box.

BACK/ Left ARROW Key – Returns you to your previous location.

SCREEN HINT BUTTONS

Both Remotes feature special buttons that offer shortcuts within the DIRECTV interface. These buttons coincide with graphical “screen hint” icons that display at the bottom left of your screen. The buttons include the DASH, ENTER, and RED buttons on both the Genie and Universal Remotes, and the ACTIVE, GREEN, YELLOW and BLUE buttons on the Universal Remote only. Examples of the screen hints and their functionality are included in this chapter and throughout this User Guide.



YOUR REMOTE CONTROL

DVR CONTROL BUTTONS

Below are the DVR control buttons common to both types of Remotes with exceptions as noted.*



Universal Remote



RC71 Remote



PLAY / SLOW MOTION

Starts the recorded video or paused live TV currently on screen. Hold button down for slow motion.



PAUSE / FRAME BY FRAME

Freezes the action of any live or prerecorded TV program. While paused, press FFWD or REW to move forward or backward frame by frame.



FFWD / JUMP TO TICKMARK

Fast-forwards recorded or live-stored video. Press up to 4 times to fast-forward at increasing speeds. Press ADVANCE while fast-forwarding to go to the next 15 or 30-minute tickmark. Press PLAY to return to normal play.



REW / JUMP TO TICKMARK

Rewinds recorded or live-stored video. Press up to 4 times to rewind at increasing speeds. Press REPLAY while rewinding to go to the previous 15-minute tickmark. Press PLAY for normal play.



RECORD

Records programs in the Guide and live TV. Press twice to record a series.



STOP**

Stops playback of recorded program, and loads an Info screen with live TV displayed at the top right of screen.



REPLAY / JUMP TO BEGINNING OF PROGRAM

Jumps the program you're watching backwards 6 seconds and plays from that point. Hold down REPLAY to jump to program beginning.



ADVANCE / JUMP TO END OF PROGRAM

Jumps ahead in recorded or live-stored video by 30 seconds. Press multiple times to skip 30 second increments. Hold down to continue to skip to end.

NOTE: For Universal Remote Only:

- * The DVR buttons can also be used along with the Mode Switch to control a DVD player or other auxiliary equipment.

- ** The STOP button is on Universal Remote only.

YOUR REMOTE CONTROL

CHECKING REMOTE CONTROL STATUS

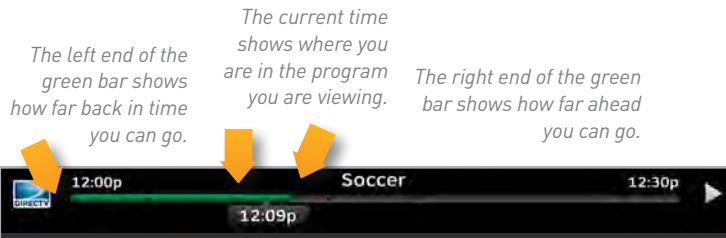
You can access the More System Info screen to see the status of any Remote on a Receiver or Client. Press MENU, select Settings & Help, arrow over to Settings, then select Info & Test from the left menu. Select More System Info from the lower right of the screen. Using the ARROW keys, scroll down the list of information to Remote Control to view related information. If more than one Genie remote is paired with the Genie HR44 or other Receiver, it will display in the listing Other Paired Remotes.

NOTE: Each time you press a button, the green light at the top of Remote flashes. If it flashes several times with a single press, the batteries (size AA) need to be replaced.

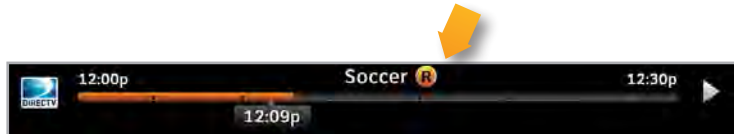
NOTE: For more information about the DIRECTV Remote Controls, use our online interactive tool that details all the button functions for both remotes. Go to directv.com/remoteguide.



When you use the DVR control buttons, this indicator bar appears at the bottom of the screen to show where you are in the program and how far you can go forward or back. For live programs, the progress bar is green and the time shown is the time of day.



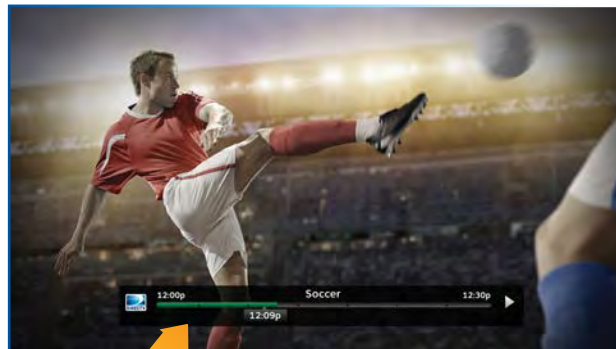
If you press the RECORD button during a live show, the progress bar turns orange and the orange record icon appears next to the title of the show.



LIVE BUFFER

Your DVR saves programs to the hard drive instantly and continuously, while you watch. This "live buffer" lets you pause, rewind, fast forward* or instant replay (jump back 6 seconds). If you start watching a program late, even if it is not set to record, you can back up to the beginning (up to 90 minutes) using REW, as long as you haven't changed channels since the program started. Simply press PLAY during a show to display the progress bar and see how far back in time you can go.

NOTE: *You cannot fast forward during live TV until you pause or rewind a program.



Progress Bar

CHAPTER 2 - CHANNELS & PROGRAM INFO

Program Guide	20
Program Info	20
Local Channels	21
HD and SD Channels	21
Unsubscribed Channels	21
3D Channels	22
Interactive Channels	22
Filtering the Guide	23
Guide Options	24
Mini Guide	25
Channel Banner & TV Options	26
Messages	26
Info	26
Last 4	27
Favorite Channels	27
Closed Captioning	27
Audio/Video Options	28
Parental Controls	28
Picture-In-Picture	29
Menu	30
My DIRECTV	30
Search & Browse	30

Recordings	30
Extras	31
Settings & Help	31

PROGRAM GUIDE

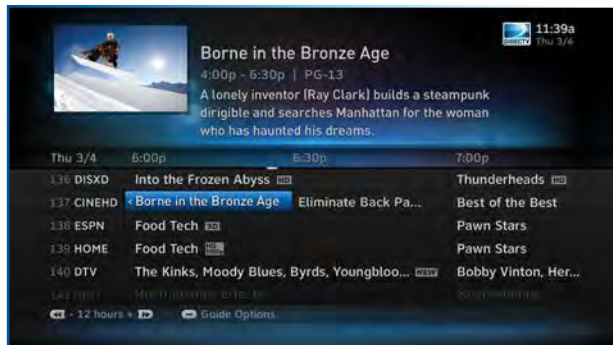
Press the GUIDE button to display the onscreen Program Guide, with up to 14 days of programming information. Navigate in the Guide as follows:

- Use the ARROW buttons to move one cell at a time up/down/left/right;
- Use the CHAN/PAGE button to scroll up or down by page;
- Input a channel number to tune directly to it.
- Press the right ARROW button to scroll programming that's playing up to 14 days in the future on a particular channel.

PROGRAM INFO

Press INFO on any program to see its associated info screen, which screen displays the program's description and provides other information and functionality:

- Watch or record the program, view a list of other showings or episodes, and more.
- Rotten Tomatoes™ – This popular film/TV Critic ratings system uses fresh or rotten tomato icons to represent critic scores.
- Flixster – This audience ratings service uses upright or spilled popcorn icons to represent audience scores. (A 60%+ awards the fresh tomato and upright popcorn, respectively.)
- Cast & Crew – see info on actors, directors, producers, etc. who worked on the show or movie. Select a name to view the "Filmography", which is the actor or crew member's entertainment resume.



- You Might Like – displays shows similar to the current program.
- Parental Info – shows info from Common Sense Media, a non-profit, independent organization that provides ratings and reviews for TV shows and movies. You can decide appropriate programs for your children based on program description; details on a program's language, violence and sexual content; and age-appropriate indicator.

LOCAL CHANNELS

Your DIRECTV-provided local channels can be found in the Guide from channel numbers 2 through 69.

HD AND SD CHANNELS

DIRECTV has a tremendous offering of HD channels and they are spread throughout the Guide. They are identified by an "HD", look for HD after the program title in the Guide. If you want to see only the HD version of a channel in the Guide go to Chapter 6, "Settings: Display: Preferences", for instructions on how to make that setting.

UNSUBSCRIBED CHANNELS

Channels that are not part of your subscription package are shown grayed out in the Guide. You can customize your Guide to hide these channels. See Chapter 6, "Settings & Help: Favorite Channels" for details.



PROGRAM GUIDE

3D CHANNELS

3D channels are in the 100s series in the Guide, starting on channel 103. For a list of 3D programs, press GUIDE, press the DASH (—) key* and then select Sort programs by category. Select 3D and a list of 3D programs will display.

NOTE: *If you are using the DIRECTV Universal Remote, press GUIDE, the YELLOW button, and follow the same instructions as above for 3D channel list.

INTERACTIVE CHANNELS

Interactive Channels allow you to interact with what you see onscreen. When accessing these channels, it may take a few seconds for the software to download.

- To access the ACTIVE™ Channel, press MENU, select Extras, then arrow over to the Active icon†. The channel is ready to interact when the yellow highlight box appears.
- To exit an interactive channel, press GUIDE and select another channel, or just directly input the numbers of the destination channel on your Remote while still on the ACTIVE Channel.
- Other interactive channels, such as Sports Mix let customers with a qualifying programming package see up

NOTE: There is no separate 3D fee, but DIRECTV 3D programming is broadcast in HD and requires HD Access, an HD Receiver (HR21, H21, HR34, HR44 or later) compatible 3D HDTV and 3D glasses. CHOICE™ package or higher required for ESPN 3D. For more information, visit directv.com/3D.



NOTE: *Press the ACTIVE button on the DIRECTV Universal Remote to tune to the ACTIVE Channel.

to eight of the most popular channels on one screen. These channels are distributed among your regular channels; see the Program Guide. Move the yellow highlight box using the direction arrows on your Remote to hear the audio associated with each channel. If you want to see a channel full-screen, move the yellow highlight box over it and press SELECT.

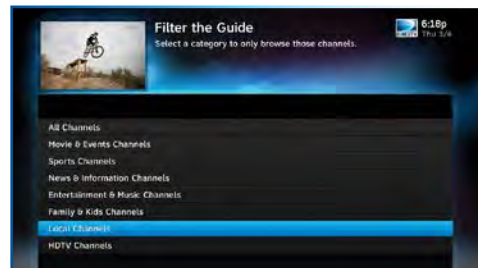
FILTERING THE GUIDE

There may be times when you want to temporarily minimize the channels shown in the Guide, filtering them by program type. For example, you may want to see just sports or news:

- Press GUIDE twice to display the Guide Filter.
- Highlight your desired category and press SELECT.

The Guide will display only channels in your desired category, which is labeled at the bottom right of the Guide.

NOTE: Since the filtering is temporary, it only lasts as long as you keep the Program Guide on the screen.



Look to the right to see how the Guide is being filtered.

PROGRAM GUIDE

GUIDE OPTIONS

From the Program Guide, press the DASH key [—] to display the Guide Options menu.

Sort programs by category:

Select Sort programs by category, then select a category to see a list of shows in chronological order that match your sort criteria.

Jump to a date & time:

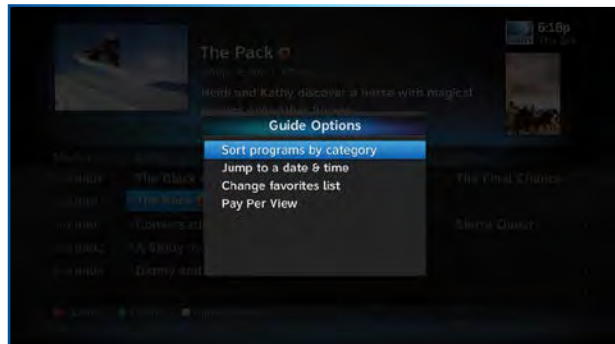
Select Jump to a date & time to quickly go to a future date and time in the Guide.

Change favorites list:

By default, your Program Guide displays all channels offered by DIRECTV, some of which may not be in your programming package. Change favorites list allows you to toggle the channels displayed in your Guide among the following: All Channels, Channels I Get (channels you subscribe to) or a custom list of channels you have defined. The Edit Settings option allows you to modify the channels in your custom list. See Chapter 6, “Settings & Help: Favorite Channels” for details.

Pay Per View:

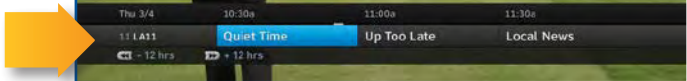
Select Pay Per View then select a program type. The Receiver will search for featured movies, sports or events that are available for “rent” from DIRECTV’s vast Pay Per View offerings. More programs are available through the Movies, On Demand TV Shows and Adults Only destinations (See Chapter 3.)



MINI GUIDE

If you are watching a show and want a quick look at what's on next, press ENTER to display a one-line mini Program Guide. Use it for the channel you're currently watching or type in a new channel number to see what's airing next there. Look for the channel or time you want using the Up, Down, Left & Right arrows. Press SELECT on the new show to go to that channel.

Mini-Guide



CHANNEL BANNER & TV OPTIONS

When you find a currently airing show in the Guide you want to watch, press **SELECT** and the Receiver changes to that channel. The Channel Banner briefly displays at the top of the screen with program title, channel number, date, time and other information. Select **More Info** for detailed program information and other options.

You can also press **INFO** to display the Channel Banner while watching a program.

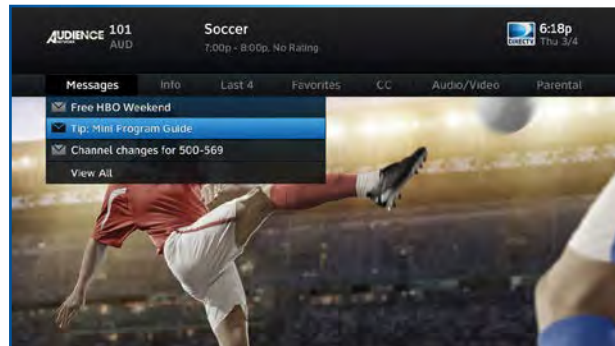
The Channel Banner also provides easy access to Messages, the last four channels you watched, Favorite Channels, Closed Captioning, Audio and Video options, and Parental Controls. Use the **ARROW** keys to highlight an option, then press **SELECT**.

MESSAGES

Select **Messages**, to see your messages. DIRECTV sends messages to you for important news items or special promotions. When you have new mail, an envelope icon appears in the Channel Banner.

INFO

Select **Info** to read a brief description of the program. For detailed program information and other options select **More Info**.



LAST 4

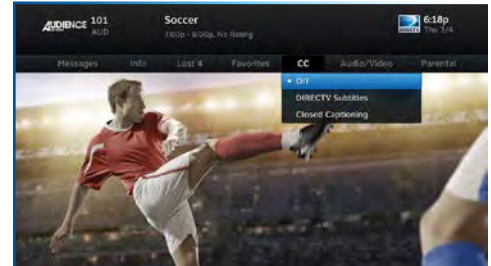
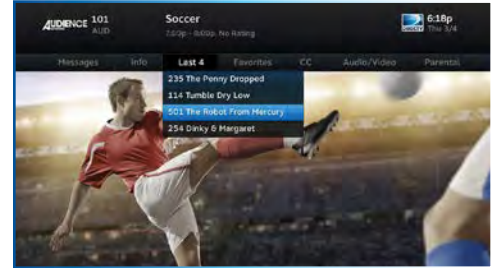
Select Last 4 to see a list of previous channels you've watched (up to 4). When you select a channel from this list, the Receiver will tune to that channel. This is an easy way to toggle among the channels you watch most often.

FAVORITE CHANNELS

Select Favorites to update the Program Guide to show only the channels you want to see. You have four options to choose from such as, All Channels, Channels I Get, Custom 1 and Custom 2. Channels I Get displays only the channels you subscribe to. Custom 1 and 2 are self-created lists of your favorite channels. If one of your self-created lists is active, select the Add... or Remove... option to add or remove the current channel from that list.

CLOSED CAPTIONING

Select the CC option, then select either DIRECTV Subtitles or Closed Captioning. Both options display the same text so only one or the other can be ON at a time. The display format is the only difference so check out both to determine your preference. Select OFF to turn the display of subtitles or closed captioning off.

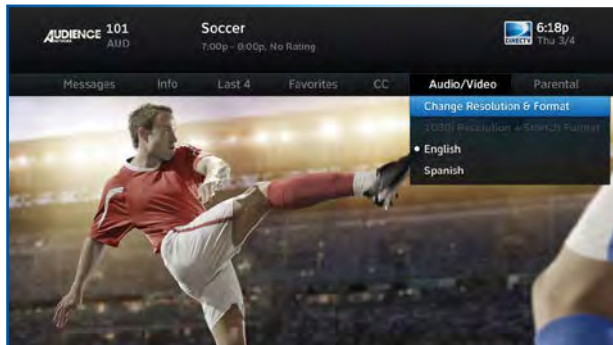


CHANNEL BANNER & TV OPTIONS

AUDIO/VIDEO OPTIONS

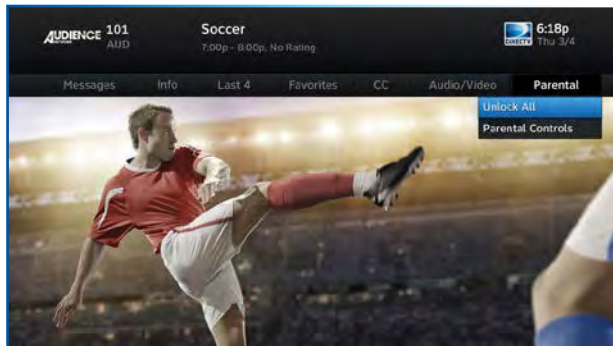
Select Audio/Video to change the resolution and format of your display and to change audio to an alternate language, when available. Select Change Resolution & Format to change the display settings; each press of SELECT toggles to the next available option. The current settings are shown in gray text. (See “Appendix 5: About High Definition” for more information about screen resolution and format.)

You may also select a language from the options listed. Not all programs have alternate languages.



PARENTAL CONTROLS

Select Parental to quickly lock or unlock your Receiver. You can also customize your Parental Controls settings by selecting Parental Controls. For more information on Parental Controls settings, see the “Parental Controls” section in Chapter 6.



PICTURE-IN-PICTURE

Watch two programs, live or recorded, at the same time. While watching one program, press the INFO button on your remote. Select PIP. The program you're currently watching moves into a smaller window on your screen. The larger video is the active program and can be controlled by your remote. To switch between programs, press the DOWN ARROW.

To change the position of the smaller window, press INFO on your remote. Select PIP and choose a position from the options provided.

NOTE: The Picture-in-Picture feature is only available on the TV connected directly to a Genie HD DVR (models HR34, HR44 and above).



MENU

The DIRECTV Menu is your main point of access to My DIRECTV, Search & Browse, Recordings, Extras, and Settings & Help. Press MENU on your remote to see your options.

MY DIRECTV

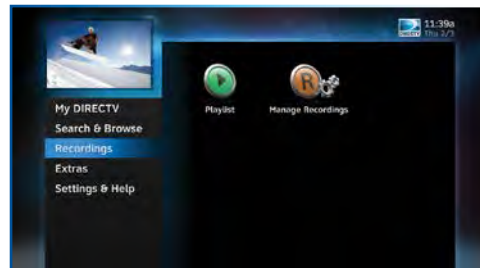
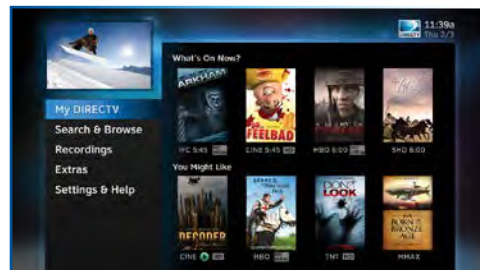
My DIRECTV gives you quick access to programs/channels you watch frequently, as well as recommended programs based on your past viewing history. Use the ARROW keys to highlight a title you are interested in, then press SELECT for program information. If you have a DIRECTV Genie™ HD DVR (HR34, HR44 and above), and have the Genie Recommends feature enabled, you can also access the your Genie Recommends programming from the My DIRECTV screen. For more information, please see Chapter 3, “Genie Recommends”.

SEARCH & BROWSE

The Search & Browse screen lets you access Smart Search, Movies, On Demand, TV Shows and Adults Only. See Chapter 3 “Search & Browse” for more information.

RECORDINGS

Recordings option provides access to the Playlist and Manage Recordings features. For additional information, see Chapter 4, “Recordings”.



EXTRAS

Use the Extras option to access Messages, the DIRECTV Active Channel, TV Apps, Pandora, Showroom, and, if you have an Internet-connected receiver, YouTube. Depending on your setup, it may also include the Caller ID feature. For additional information, see Chapter 5, “Extras & Special Features”.

SETTINGS & HELP

The Settings & Help screen contains Settings, Parental Controls, Favorite Channels and Help. For detailed information on each of these topics, see Chapter 6, “Settings & Help”.



CHAPTER 3: SEARCH & BROWSE

Movies, On Demand and Pay Per View	34
Movies	34
On Demand	35
Recording From Movies or On Demand	36
Pay Per View Events	39
Sports	40
TV Shows and Genie™ Recommends	41
TV Shows	41
Genie Recommends Feature	41
Search Features	43
Smart Search	43
YouTube Search	44
DIRECTV™ Voice Search	45

MOVIES, ON DEMAND AND PAY PER VIEW

To see what movies and On Demand content are available, press MENU, select Search & Browse, then select from the following:

- Movies
- On Demand
- TV Shows

MOVIES

Movies offers an easy, one-stop way to find ANY movie on DIRECTV, including broadcast channels, premium channels, latest releases, In Theaters, Pay Per View, and On Demand. This includes both free and premium movies.

Press MENU, select Search & Browse, then select Movies. The latest movies are also available in the Program Guide starting at channel 125.

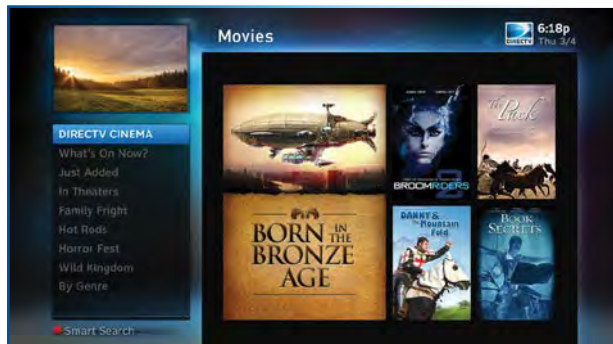
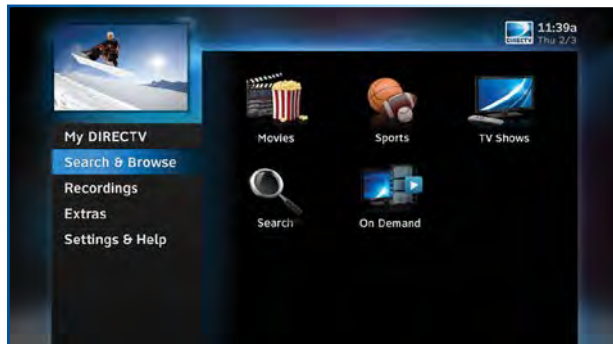
A few of the categories include:

Just Added - New titles available every week.

What's On Now? - Movies that you can either watch instantly or that will start in the next 30 minutes.

In Theaters - Movies coming soon. Read a description of the movie and schedule it to record as soon as it's available.

Select a category and browse the titles using the arrow keys on your remote or the Page Up/Down buttons. Alternatively, you can search for a movie by typing in your search term using the number keys on your remote like a cell phone.

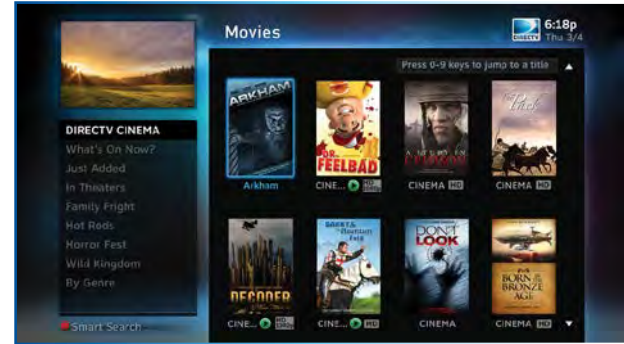


MOVIES, ON DEMAND AND PAY PER VIEW

You can record or order movies from the Movies screen. Any movie with a green Play icon is available to order and watch immediately. Select the movie, select the Play option, then follow the onscreen instructions.

Within the first five minutes, you can still cancel your purchase. Press INFO, select More Info, then select Cancel PPV.

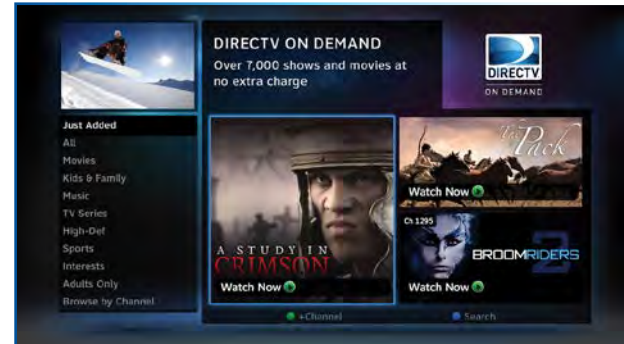
NOTE: As long as your Receiver is connected to a land-based phone line or the Internet, you can use your remote to order. Otherwise, order on directv.com.



ON DEMAND

If your DIRECTV HD DVR is connected to the Internet, DIRECTV On Demand lets you enjoy hundreds of additional box office hits available for purchase as well as thousands of movies and TV shows that can be downloaded to your Receiver at no extra charge. Browse the listings by category such as, Movies, Kids & Family, TV Series, etc. On Demand titles will download to your DIRECTV Receiver over the Internet.

NOTE: In order to download programs to your DIRECTV HD DVR over the Internet, you need broadband Internet service with a connection speed of 750 Kbps or higher (DSL or cable). Please refer to Appendix 4 for details regarding connecting your DIRECTV HD DVR to the Internet.



MOVIES, ON DEMAND AND PAY PER VIEW

VIEWER'S TIP: You can also check out your favorite programmer's home page for previews and missed episodes. Simply add a "1" in front of the regular DIRECTV channel number. For example, A&E is on channel 265. The homepage is channel 1265.

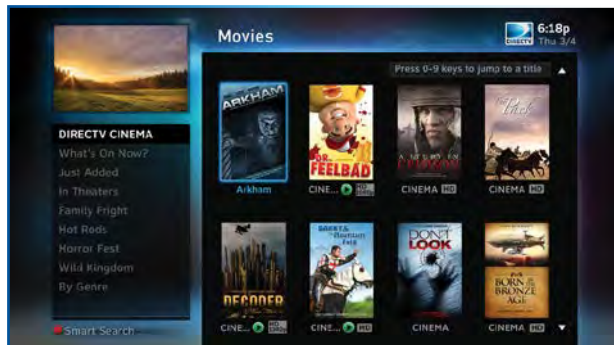
RECORDING FROM MOVIES OR ON DEMAND

When your HD DVR is connected to the Internet, you get the most out of your DIRECTV service, with the broadest selection possible to choose from. You can record from both Movies and On Demand. However, if your HD DVR is not connected to the Internet you can still record from Movies.

When your Receiver is NOT connected to the Internet:

To record a program, highlight a title and press the orange REC (Record) button on your remote. For Pay Per View and On Demand programs, an orange "Q" next to the title indicates it's been scheduled. (Regular broadcast programs, an orange "R" icon.) You can also record by highlighting the title, pressing SELECT, then selecting Add to Queue.

All movie requests are stored in your Queue. To access the Queue, press MENU, select Recordings, then Manage Recordings and then select Queue. You can prioritize your Queue, but movies may become available to watch in a different order.



MOVIES, ON DEMAND AND PAY PER VIEW

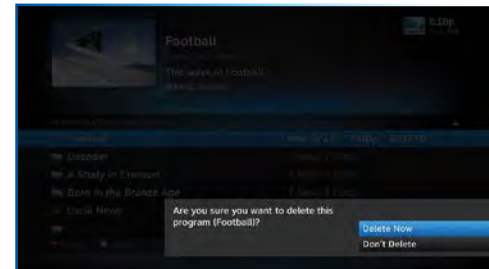
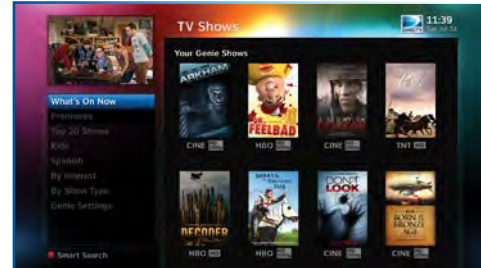
When a movie becomes available to watch, it moves to your Playlist. Your Receiver has a default limit of 5 movies that will move from the Queue to the Playlist. Watch or delete one of these movies to receive more. You can also change the default limit by pressing MENU on your remote and selecting Recordings, then Manage Recordings, Queue, then Preferences.

To watch a movie, press the LIST button on your remote to access the Playlist. Highlight a title and press the PLAY button. If it's a premium title, a confirmation message with the price of the movie will display, prompting you for confirmation to play the movie.

To delete a movie from your Playlist, highlight the title and press the RED button on your remote. To keep a movie, highlight the title and press ENTER* on your remote. This ensures the movie will not be deleted by the Receiver as your disk drive fills up.

WARNING: Setting too many programs to "Keep" may fill up your disk and not allow new programs to be recorded.

NOTE: *If you are using a Universal Remote, press the BLUE button to keep a program in your Playlist.



MOVIES, ON DEMAND AND PAY PER VIEW

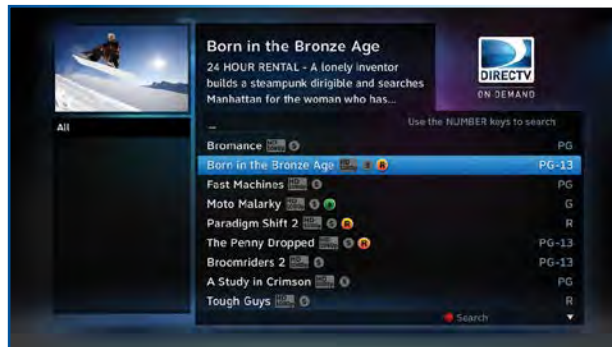
When your Receiver IS connected to the Internet:

You can record from both Movies and On Demand menus. To record a program, highlight a title, then press the orange REC (Record) button. An orange "R" icon next to the title indicates it's scheduled to record/download.

All scheduled records/downloads (with the exception of In Theaters titles), as well as those that are ready to watch, are displayed in the Playlist.

Press LIST on any DIRECTV Remote to display the Playlist. Programs are downloaded in the order they were scheduled. If a movie is currently downloading, it appears at the top of your Playlist with a progress bar displaying the % complete. You can start watching the movie while it's downloading after the download progress bar turns green. Movies scheduled, but waiting to record/download, are labeled Pending Download.

To watch a movie, highlight the title and press the PLAY button on any remote. If it's a pay title, a confirmation message with the price of the program will display, asking if you're sure you want to watch it. Delete or cancel a title from your Playlist by highlighting the title and pressing the RED button on your remote.



MOVIES, ON DEMAND AND PAY PER VIEW

All In Theaters titles are stored in your Queue. To access the Queue press MENU, select Recordings, then Manage Recordings and then select Queue. When a movie is available to watch, you will find it in your Playlist. Your Receiver has a default limit of 5 movies that will move from the Queue to the Playlist. Watch or delete one of these movies to receive more. You can also change the default limit by pressing MENU on your remote and selecting Recordings, then Manage Recordings, Queue, then Preferences.



PAY PER VIEW EVENTS

Special events like UFC, Boxing, WWE and more are listed in the Program Guide starting around channel 117. (Actual channel number may vary depending on current offerings.)

Ordering PPV events works the same way as ordering DIRECTV On Demand movies from the Program Guide. See previous section for details.



SPORTS

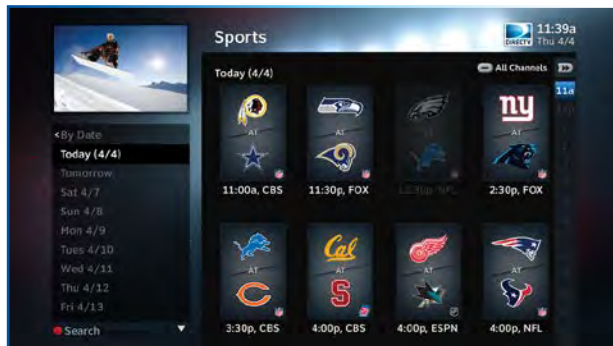
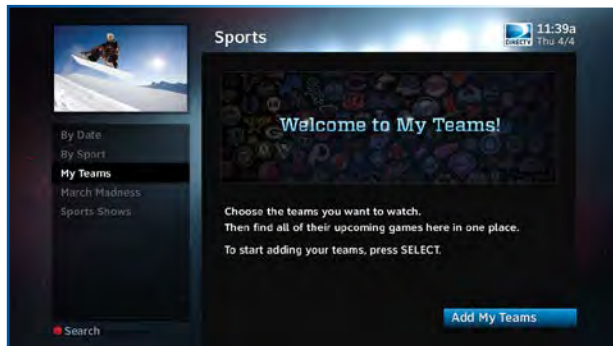
Spend less time searching and more time watching your favorite sports. With the Sports feature, you can find tune-in info for all your sporting events in one location, at the press of a button. It's like having an on-screen Guide dedicated to all your sports programming.

- Get the complete lineup of all the games and events airing on TV now through the next 14 days, including Pay Per View, UFC, boxing and WWE events.
- Create a list of up to 20 of your favorite teams so related programming always appears at the top of your list.
- Set your DVR to record every available game for any team, as well as an entire series and multi-day tournaments.
- Season Record lets you set recordings for your favorite teams and events automatically, year after year, across all channels in your package and sports subscriptions.*
- Browse by your preferred criteria—by sport, date or time. Also, filter by the channels included in your program package.
- Dovetails with DIRECTV's ScoreGuide TV App, sharing the info from your My Team list.

No more searching channel by channel to get to the sports programs you want most! To access Sports, press MENU, select Search & Browse, then Sports.

NOTE: Genie HR34, HR44 HD DVR or above is required.

**Blackout restrictions and other conditions apply. Only the channels corresponding to your programming package and sports subscription(s) are available for viewing and recording. Additional charges may apply for viewing PPV content.*



TV SHOWS

TV Shows* is your destination dedicated to TV programming, where you can find content that's airing now, or to record for watching later. Browse shows by genre or seasonal and special categories to find content that suits your interests faster. TV Shows is also the point of access for the Genie Recommends feature, which matches suggested programs to your viewing preferences. (See below.)

To access TV Shows, press MENU, select Search & Browse, then select TV Shows.

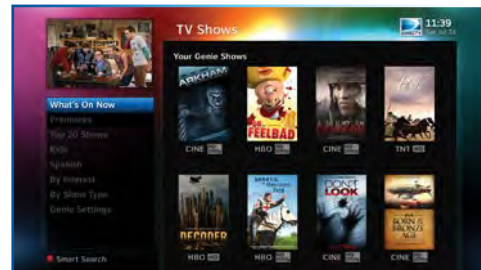


GENIE RECOMMENDS FEATURE

Accessible via TV Shows in the Search & Browse screen, the Genie Recommends feature enhances your viewing experience by giving you full control over how, what and when you watch:

- Suggests TV programs and makes sample shows available for you to watch now, based on your tastes and what's popular.
- Lets you easily convert any show to series recording.
- Can start your favorite shows from the beginning, even if you tune in late†.

To start using Genie Recommends, press MENU, select Search & Browse, TV Shows, then Genie Settings.



TV SHOWS AND GENIE™ RECOMMENDS

NOTE: *TV Shows and the Genie Recommends feature are only available on the Genie HD DVR (model HR34, HR44 and above) and Genie Minis (model C31, C41, C41W and above).

NOTE: †The DIRECTV start-from-the-beginning feature can only be used if the tuner was pre-set to your show's channel, or someone else in a Genie-networked household was watching the show from the start.

SMART SEARCH

Find Your Show Faster

Smart Search finds all matching content within the 14-day Guide and beyond (see Far in Advance below), as well as within the movie library. It anticipates your search entry and delivers more relevant results faster.

Press MENU on your Remote, select Search & Browse, then Smart Search. Before you start typing, check out Suggested Searches to the right of the keypad for trending new content and more.

Enter your search term using the onscreen keypad, or with your remote number/letter buttons— results will appear as soon as you start typing. Select a result for more information and recording options.

Far in Advance

The DIRECTV Far in Advance tool lets you search for upcoming TV series scheduled to air more than 14 days into the future. Type your program name into the Smart Search keypad, and choose from the results list. You can view episode information for select shows up to a year in advance of air date, and even opt to record the episode or series.* Never miss the new season of your favorite show, or a series premiere again! See Chapter 4, "Recording," for more information on recording programs.

NOTE: *Far in Advance displays information provided by our content partners, and may not be available for all shows.



SEARCH FEATURES

Keyword & Recent Searches

A Keyword Search targets all programs based on a specific word. Type a keyword in the search screen and press the RED button on your Remote. Select a category to narrow your results. Select individual programs or Autorecord to automatically record all programs matching your keyword search.

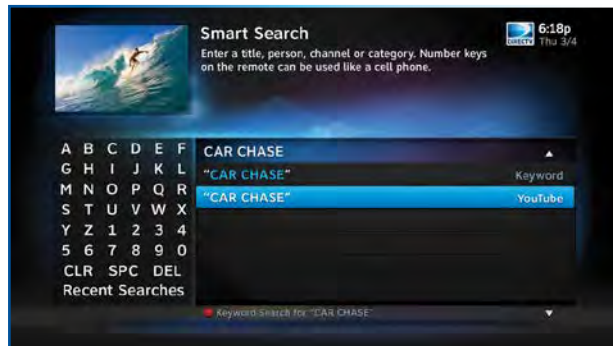
Smart Search remembers your recent searches. Edit or repeat your previous searches by selecting Recent Searches at the bottom of the onscreen keypad.

YOUTUBE SEARCH

If your HD DVR is connected to the Internet, you can search for and watch YouTube content on your TV.

For connected DVRs:

1. Press MENU, and select Search & Browse, then Smart Search.
2. Enter your search term.
3. Select the YouTube-labeled item that displays at the bottom of the results list.
4. A list of YouTube videos matching your search term will display. To launch a video, press SELECT on the desired result. Or, highlight the title and press INFO for a description of the video and other options.



DIRECTV™ VOICE SEARCH

Download the DIRECTV Mobile App for your smart phone and use the app's voice-activated search feature to browse the Guide on your TV. You simply tell it what you're looking for! To learn more, please see the DIRECTV Mobile Apps section in Chapter 5, Extras & Special Features.

CHAPTER 4: RECORDINGS

Recording a Single Show	48	Recording from Your Computer, Phone or Tablet	61
From Live TV	48	From a Computer	61
From the Guide	48	From a Phone or Tablet	62
Changing a Record Option	48		
Stopping an In-progress Recording	49		
Recording a Series	50		
From Live TV	50		
From the Guide	50		
Changing a Record Option	50		
Stopping an In-Progress Recording	51		
Watching and Deleting Your Recorded Shows	52		
Playlist	53		
Playlist Options	54		
Managing My Playlist	55		
To Do List	57		
Manage Recordings	57		
Series Manager	58		
Queue	58		
History	59		
Purchases	59		
Manual Recordings	59		
Record Defaults	59		

RECORDING A SINGLE SHOW

FROM LIVE TV

To record a show you are currently watching, simply press RECORD once.

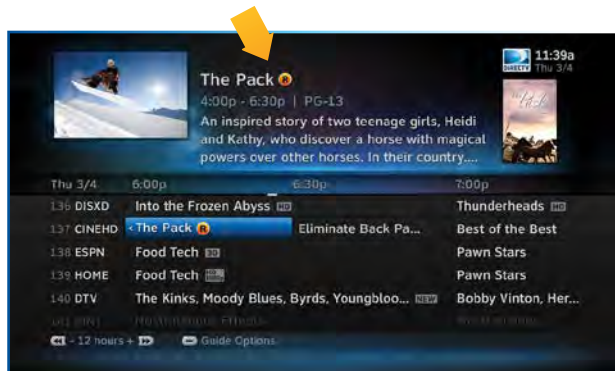
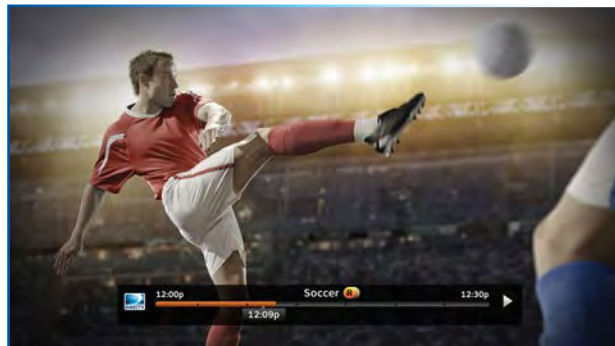
FROM THE GUIDE

You don't have to be watching a show to record it. Simply find it in the Program Guide and press the RECORD button. The orange record icon appears to confirm that your show is being recorded or is scheduled to record.

NOTE: If you have a Genie HD DVR (HR34, HR44 & above), you can record up to five shows simultaneously. Otherwise, you can record two shows at the same time on previous model DIRECTV DVR. You can record two shows at the same time with your DIRECTV DVR, if you have made the proper connections to your satellite dish.

CHANGING A RECORD OPTION

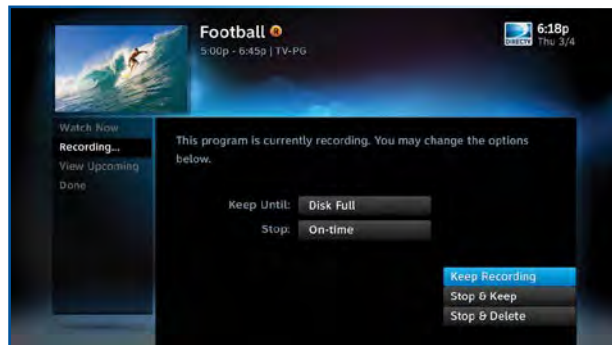
Some live events and even a few TV shows run past their allotted time slot. Although your DVR is very smart, it sets up all recordings based on the start and stop times the content partners provide give us for the Program Guide.



RECORDING A SINGLE SHOW

If you are watching while recording, and you think your show might go into the next time slot, press INFO on the remote, then select More Info and Recording from the onscreen choices to see the recording options for that show. Once there, you can change the stop time or any other option. To save your changes, select Save Changes.

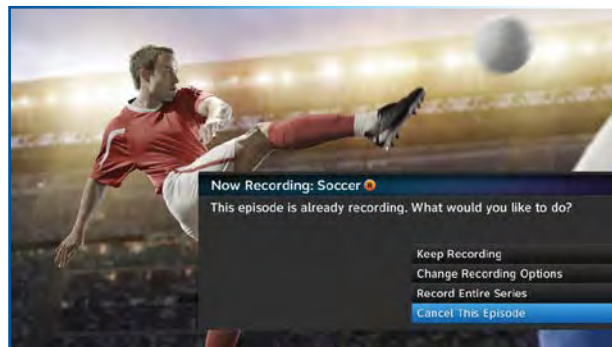
If your show is set to record in the future, it will appear in the Guide or To Do list. Press INFO to display the Info screen. To change a recording option for that one show, select Episode Options and choose whichever option or options you want to change. If you want to change a recording option for every show in the series, select Series Options and then choose the options you want to change.



STOPPING AN IN-PROGRESS RECORDING

If you press the RECORD button a second time on a single show (like a movie), an onscreen message will appear with the following options:

- Keep Recording
- Change Recording
- Stop Recording (cancels the recording)



RECORDING A SERIES

FROM LIVE TV

If the show you are currently watching is a series and not a single event (like a movie), simply press the RECORD button twice to automatically record every episode of the series. The RECORD icon is now a repeated circle R to let you know that this is a series and not a single recording.

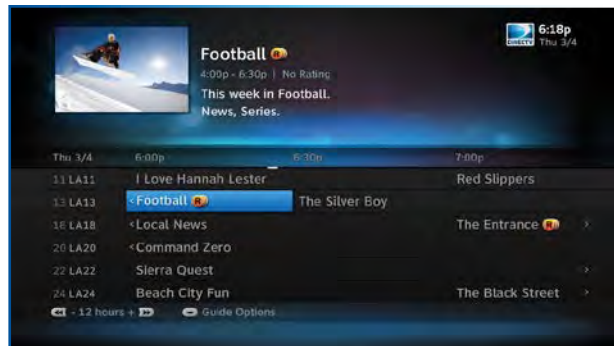
FROM THE GUIDE

As mentioned previously, you don't have to be watching a series to record it. Simply find it in the Program Guide and press the RECORD button twice to record all episodes of it.

If recording a sports program from the Guide, you can also choose the Season Record option that will appear if available for the game, event, or other serialized or repeated sports related content you want to record. Please see SPORTS in Chapter 3 for more information on Season Record.

CHANGING A RECORD OPTION

If you are currently watching a series show and need to extend the recording time or change any other recording option, press INFO on the remote, select More Info and then Series Options from the onscreen choices. If you see a series set to record in the future in the Program Guide or the To Do List, to change a record option, press INFO and select Series Options.



STOPPING AN IN-PROGRESS RECORDING

If you press the RECORD button a third time on a series, an onscreen message will appear giving you the choice to Keep Recording, Change Recording Options, or Stop Recording.



WATCHING AND DELETING YOUR RECORDED SHOWS

Press LIST on the remote to see a list of recorded shows. Or, press MENU and select Recordings, then Playlist. Use the arrow keys to highlight the desired show, press SELECT, then select Play (or Resume if you've already watched part of the show) to start the show.

You can use any of the DVR control buttons (PAUSE, FFWD, REW, etc.) while watching your recorded show from select channels. If you press STOP, the show will stop and an information screen with various options will appear. The last channel viewed in live TV will appear in the upper-left corner of the screen. To return to full-screen live TV, press EXIT or select Done.



The Playlist screen displays all your recorded programs. To get to the Playlist screen directly, press LIST on the remote, or press MENU and select Recordings, then Playlist. Titles you have yet to view are shown in bright, white letters, while viewed titles (partially or completely) are light grey.

The time, date and channel of each recorded program is displayed to the right of the program title. Icons identifying program status are displayed to the left of the program title (for example, a circle K for Keep Until I Delete). See page 178 for a list of all the icons.

Highlighting a program title in the Playlist displays the program description. If you press SELECT or INFO on a program, an Info screen is displayed for the program that offers several actions including Play, Keep, Delete and others.

Series programs are identified in the list with a folder icon. For example, if you record a weekly comedy series, the title for that series is shown with a folder icon. Press SELECT on the series title to see the recorded episodes for that series. The number of new (not viewed) programs and total programs for each series is displayed to the right of the series name; for example, "2 New/5 Total". Press PLAY on a series to play all the episodes in the folder, in order from oldest to newest.



PLAYLIST

PLAYLIST OPTIONS

From the Playlist screen, press the ENTER button to display Playlist Options.

Mark Programs to Delete

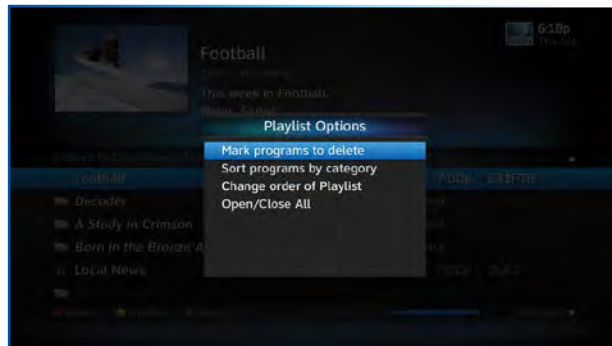
Select Mark programs to delete if you want to delete two or more programs at once.

Sort Programs by Category

Select Sort programs by category and then select Movies, Sports, News, Kids, etc., to filter the playlist as desired. This option will help you find what you want faster, once you start to record a lot of programs. This is just a temporary filter for your list, so just press the left arrow or BACK to see your full Playlist again.

Change Order of Playlist

Select Change order of Playlist to rearrange the order of your recorded shows. You can sort by date with the newest at the top (the factory default setting), the oldest at the top, or alphabetically in ascending (A to Z) or descending order (Z to A).



Open/Close All

The series episodes you have recorded are grouped in folders in your Playlist. Select Open/Close All to open all of your folders so you can see each episode without having to select each series individually. You can also use this option to close them all.

Filter by Playlist

If you are set up on a Whole-Home DVR or Genie network, this option lets you select whether to see all available titles from all Receivers, or just those on the "local" Receiver.

MANAGING MY PLAYLIST

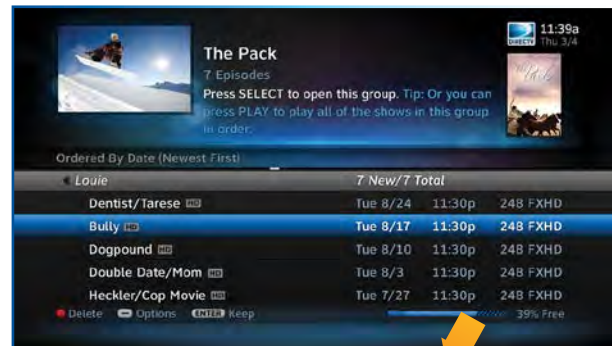
Your DVR has a lot of recording space but it is possible to fill up the hard drive if you record regularly. A quick way to check how much space you have available is the Disk Space Bar.

Disk Space Bar

The Disk Space bar is at the bottom of your Playlist. It shows the approximate amount of space available on your disk at any given time.

The Disk Space bar shows programs you have designated Keep Until I Delete in dark blue, programs subject to expiration or automatic deletion in light blue, and the remaining unused disk space that is available for recording in black.

When your disk is full, the oldest programs (viewed or not) are automatically deleted to make room for new ones.



39% Free

PLAYLIST

Keep

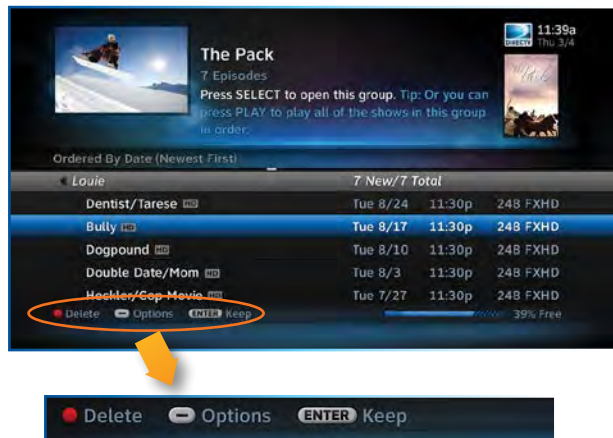
If you have a program you would like to prevent from being automatically deleted when your disk is full, highlight the show you want to keep and press ENTER on your remote. A blue, K icon will appear next to the program title indicating it will be kept until you delete it. You may be tempted to make all of your recordings Keep Until I Delete, but if your hard drive reached capacity, new recordings will not be possible.

Another way to manage your Playlist is to delete recordings you no longer want.

Delete

Highlight a single show or a series (indicated by a folder icon) and press the RED button to delete it. If you delete a folder, all episodes of that series will be deleted. Don't worry about pressing the RED button accidentally. You will always see a confirmation message before you delete anything.

Note that HD programs take up more disk space than standard definition (SD). So, you may want to record your favorite content in HD, while recording other shows in SD to optimize your use of the available recording capacity.



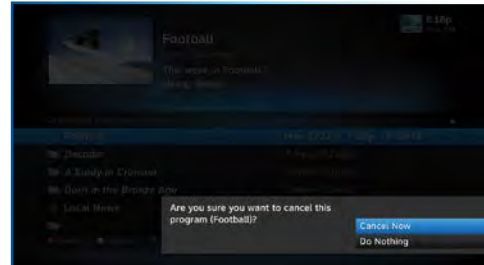
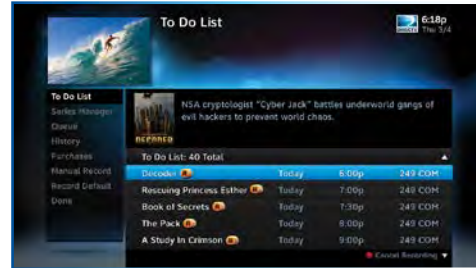
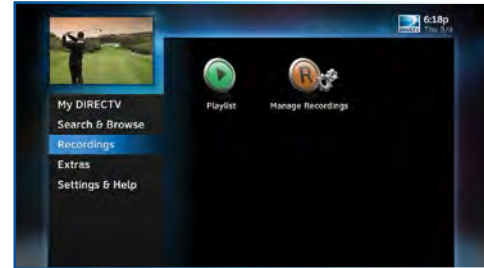
Once you have scheduled recordings, you can find the status and history of those recordings by pressing MENU and selecting Recordings, then Manage Recordings to see the following options: To Do List, Series Manager, Queue, History, Purchases, Manual Record and Record Defaults. These features are described on the next few pages.

TO DO LIST

The **To Do List** displays recordings your DVR is scheduled to make in the future. Icons next to the titles indicate whether the recording is a single event, part of a series, or an autorecord based on a person or keyword search. The list is ordered by time with the next recordings at the top and the most distant future recordings at the bottom. You can use this screen to ensure your recordings are properly scheduled, or to delete future scheduled recordings you no longer want to record.

NOTE: DIRECTV On Demand programs that are scheduled to download via the Internet are shown in the Playlist, not the To Do List.

Deleting single shows is easy: Simply highlight the show you want to delete and press the RED button on the remote. A confirmation message will appear before you can delete the show. If you want to delete an entire series from the To Do List, select the show, select Series Options, then select Cancel Series.



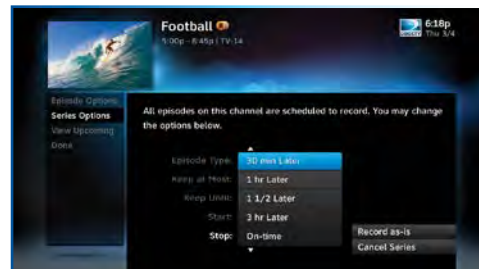
MANAGE RECORDINGS

SERIES MANAGER

The Series Manager screen displays a prioritized list of all the series you've scheduled to record. If there is a series recording conflict and the Receiver must choose which show to record, it uses this list to determine the priority. As you set up series recordings, the most recent series goes to the bottom of the list in last priority. You can change the order of the priority at any time by selecting Series Manager, selecting the show you want to move, moving the highlight to the right, then using the arrow keys to promote or demote the series.

There are a couple of key short cuts on this screen as well. Use the RED button to delete an entire series. Press "1" on the numeric keypad of your remote on the numeric keypad of your remote to move a highlighted show to the top of the list in one press.

You can also adjust the recording options used for a particular series from this screen. Select the series you want, then select Series Options and change the recording options as desired.



QUEUE

The Queue screen displays movie titles that are in the queue awaiting delivery to your hard drive. See Chapter 3, "Movies, On Demand and Pay Per View: Ordering Programs" for details.



HISTORY

Provides status information for every recording scheduled, whether they were completed, canceled or deleted. If you think something should have been recorded, but wasn't, check here to look for an explanation.

PURCHASES

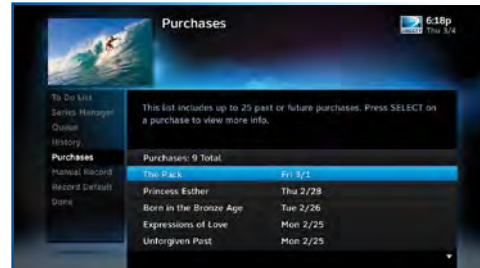
Provides status information for all Pay Per View programs that were bought on the Receiver you are currently using, and, if viewed, the date and time. To see purchase activity for other Receivers or Clients on your account, you must view it locally.

MANUAL RECORDINGS

To set up a recording based on channel, time and date, select Manual Record and enter all of your preferred options, including whether you want this to be a one-time or recurring recording (i.e. every Tuesday), channel, day and date, start time and duration. You can schedule a manual recording up to 14 days in advance.

RECORD DEFAULTS

The Record Defaults screen lets you set the recording options you want the Receiver to use each time it records. The Receiver's default settings work best in most cases, but you may want to change them to your personal preferences.



MANAGE RECORDINGS

- When recording a series, the Episode Type gives you the option to record first run only, repeats only, or both.
- The Keep at Most option lets you decide how many episodes you want to keep: 1, 2, 3, 4, 5, 10 or All. If you select All Episodes for a show that appears multiple times in the Guide, it may use up disk space rapidly.
- The Keep Until option lets you keep a recording until you delete it or until the disk is full, in which case the DVR can delete it automatically if the disk fills up. A recording that is labeled Keep Until I Delete will never be deleted until you do it manually. If all of your recordings are labeled that way and the disk fills up, no new recordings will occur until you manually delete some of your Keep Until I Delete recordings.
- The Start and Stop options let you adjust the times of your recordings to ensure you don't miss anything. Keep in mind that starting early and ending late on all of your recordings may create more recording conflicts than if you started and stopped on-time (according to the Program Guide schedule). If you find a particular series runs habitually late or early, it is better to adjust that series using the program's Info screen, rather than set the recording defaults, which would affect all of your DVR recordings. Press MENU, select Manage Recordings, then select Series Manager. Select the program you want to adjust, then select Series Options.



RECORDING FROM YOUR COMPUTER, PHONE OR TABLET

Have you ever forgotten to set a recording and wished you could do it remotely from work or while on the go? You can with directv.com, and DIRECTV Mobile Apps.

NOTE: You must have an account on directv.com to use remote scheduling /Mobile Apps.

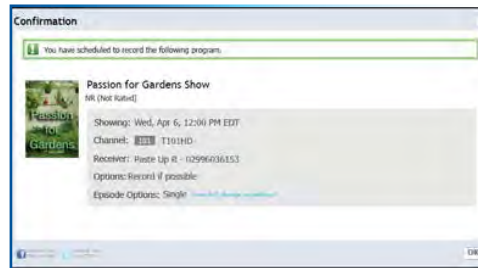
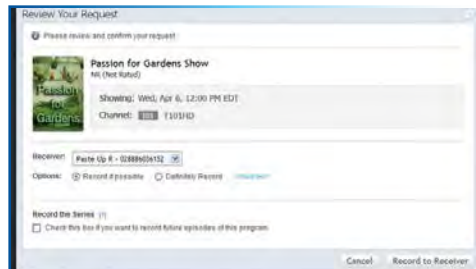


FROM A COMPUTER

To schedule a recording from your computer, go to directv.com/tvlistings to see an online version of the Program Guide. Select a show and click Record. If you have more than one DVR in your home, choose the DVR you want to record to and then click Record to Receiver.

NOTE: If you have a mix of HD and SD DVRs in your home, make sure not to pick an HD movie for your SD DVR. It will not record.

NOTE: Remote connections may vary. In rare instances, scheduled recording(s) may not be recognized. Only available on certain receivers. Visit directv.com/dvrscheduler for details.



RECORDING FROM YOUR COMPUTER, PHONE OR TABLET

FROM A PHONE OR TABLET

Forget to set your home DVR to record a must-see show? Now you can use your iPhone®, iPad®, iPod®, or Android™ phone or Android™ tablet to schedule a recording from anywhere. A feature of the DIRECTV Mobile App, the remote scheduling function even lets you set your DVR to record select movies that are still in theaters when they become available on DIRECTV.*

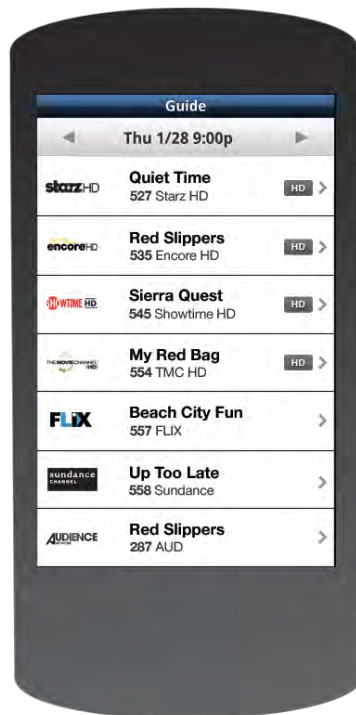
Features:

- Search for any television show up to 14 days in advance.
- Browse programs by channel, or date & time.
- Get program information instantly, including description, length and rating.
- Record a single episode or an entire series.
- Set start and end time extensions to your record requests.
- Order DIRECTV CINEMA® right on your tablet or phone and record to any DIRECTV DVR in your home.

Go online to directv.com/mobileapps for downloads and instructions.

You can also learn all about DIRECTV Everywhere, the mobile app that brings the DIRECTV viewing experience to your phone or tablet. Please see Chapter 5, "Extras & Special Features: DIRECTV Mobile Apps".

NOTE: *Requires Internet access via mobile device and directv.com login. Remote connections may vary. In rare instances, scheduled recordings may not be recognized. Only available on certain receivers.



CHAPTER 5 - EXTRAS & SPECIAL FEATURES

Extras	64
Messages	64
DIRECTV Active Channel	64
Music & Photos	65
Caller ID	67
Showroom	68
Pandora	68
YouTube	69
Special Features	70
DIRECTV® DoublePlay™	70
GameSearch™	71
QuickTune	71
TV Apps	72
DIRECTV® Whole-Home DVR Service	74
Get Your Network Set Up	74
Genie™ HD DVR & Mini	79
DIRECTV™ Mobile Apps	80
Key Benefits & Features	80
Sports on the Go	81
DIRECTV™ Voice Search	82

EXTRAS

Use the Extras option to access Messages, the DIRECTV Active™ channel, TV Apps, Music & Photos, Pandora and, if your Receiver is Internet-connected, YouTube. Depending on your setup, it may also include the Caller ID feature.

MESSAGES

Press MENU, select Extras and then Messages to view your messages from DIRECTV, which may include important news special offers, and more.

DIRECTV ACTIVE CHANNEL

Press MENU, then select Extras, then Active to access the DIRECTV Active channel, or simply press the ACTIVE key on your remote.

The DIRECTV Active Channel provides a variety of interactive services, including daily and extended weather forecasts, daily horoscopes, lottery results, and a quick list of the most popular shows on DIRECTV at any given time. For local weather on demand, press ACTIVE and select the Weather option. You'll be required to enter your local ZIP code. View information for up to five cities through the My Cities menu item. To exit Active, press GUIDE or enter a channel number.

NOTE: Because it is an interactive channel, the DIRECTV Active screen may take a few moments to load. Please be patient.



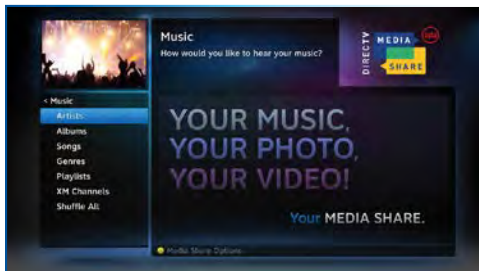
MUSIC & PHOTOS

Music & Photos is an optional item in the Extras menu, only shown when your DVR is connected to a home network. Compatible models include the DIRECTV HD DVR (models HR20, HR34, HR44 or later) or DIRECTV Plus® DVR (model R22). Other models may support DIRECTV™ Media Share in the future.

Your DIRECTV Receiver can be connected to your home network to show photos and, play music and videos that you have saved on your personal computer. You must have at least one personal computer running a media server (e.g. TVersity, Windows Media Player, Intel Viiv) in your network for this service to work. For help on setting up Music & Photos, visit directv.com/mediashare.

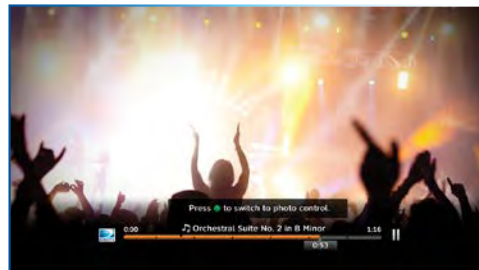
Once your DVR is properly connected to the media server on your home network, press MENU and select Extras then Music & Photos. The DIRECTV Media Share screen will display.

- Select Music to access music by Artist, Album, Song, Playlists and Channel. Your favorite music will play as you watch TV or view photos from your PC. Once the desired songs are selected, the song's information will display on the Progress bar.



EXTRAS

- Select Photos to go to the Photos submenu. Select Browse to see several photos at once.
- The DVR controls on your remote allow you to stop, play or skip through your music and photos. Press ENTER on your remote to toggle among music, photos and video control modes. Pressing the STOP button while in music control mode stops the music from playing, and the audio from the current channel is then heard. Pressing the STOP button while in photo control mode stops the display of photos and displays the video from the current channel.



CALLER ID

Depending on your phone company, the Caller ID option may be labeled in the format Telco Caller ID where Telco is your phone company's name; or it may appear in the Extras option when you press MENU.

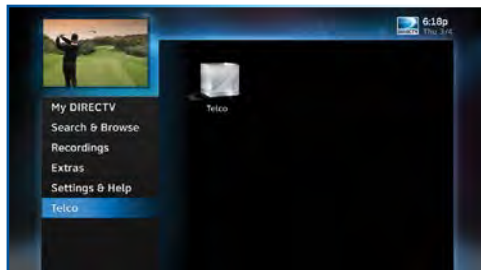
To set up your Receiver to display an onscreen notice whenever you receive a call, press MENU and select Caller ID, then select Turn on Notices. This will toggle the option to now read Turn off Notices.

Note: In some areas, you must press MENU, then select Extras, then select Caller ID, then Turn on Notices or Turn off Notices.

NOTE: You must subscribe to caller ID service through your phone company and your DIRECTV Receiver must be connected to the phone line.

You can review your 25 most recent calls in the call log at any time. To see your call log, press MENU, select Caller ID then select Call Log. Highlight and select a name to delete that listing from your log.

Note: In some areas, you must press MENU, then select Extras, then select Caller ID, then Call Log.



EXTRAS

SHOWROOM

Showroom offers you DIRECTV content such as instructional videos, behind-the-scenes clips and video extras, information about Sports subscriptions, special offers, trailers and more.

PANDORA

Pandora is personalized Internet radio designed to help you discover new music you'll love, mixed in with music you already know. To use Pandora, your Receiver must be connected to the Internet and you must have a Pandora account set up online. To access Pandora, press MENU on your remote. Select Extras then Pandora.

You can listen to various stations and create, edit and personalize stations.

To listen to Pandora while watching a program: While listening to Pandora, press EXIT on your remote and select Yes, Play Pandora to display video onscreen. Your remote buttons now control your music. To switch to video control, press ENTER on your remote to change programs. To exit Pandora and go back to TV, press EXIT and select No, Stop Pandora.



YOUTUBE

Watch millions of Internet videos on your TV.

If your DIRECTV HD DVR is connected to the Internet, you can search for and watch YouTube content on your TV. (See Appendix 4 for connection instructions.)

If you're already connected, follow these simple steps:

1. Press MENU on your remote and select Extras, then select YouTube.
2. Enter your search term using the onscreen keypad, or use the numbers on your remote to "triple tap" the words.
3. A list of YouTube videos matching your search term will display. Play a video from this screen by highlighting a title and pressing SELECT. Otherwise, highlight the title and press INFO for a description of the video and other options.

SPECIAL FEATURES

Your DIRECTV HD DVR supports these special features that can be accessed without going through a menu.

DIRECTV® DOUBLEPLAY™

With DoublePlay, you can easily switch between two programs on at the same time without missing a minute of either. Your HD DVR stores up to 90 minutes of live TV on two channels. If you tune to a new channel (a third channel), the saved portion on the original channel is cleared. DoublePlay expires after two hours of non-use.

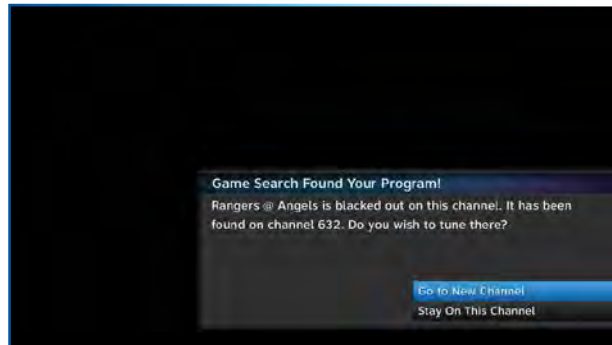
1. While watching one program, press the DOWN arrow on your remote. A message displays confirming DoublePlay has started.
2. Press the DOWN arrow again and tune to the second program.
3. Now use the DOWN arrow to switch back and forth between the two programs.
4. You can pause, rewind, fast forward*, slow-mo or instant replay both.

NOTE: *You cannot fast forward during live TV until you pause or rewind a program.



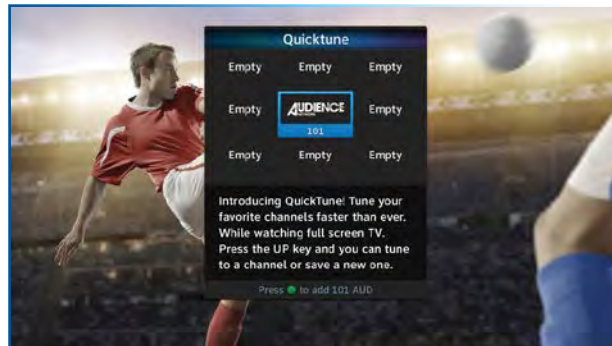
GAMESEARCH™

Sports blackouts, a long-time source of frustration and confusion for sports fans, occur when a sporting event is not televised in a certain area. But thanks to DIRECTV's cutting-edge technology, whenever you tune to a channel with a blacked-out game, GameSearch™ detects the blackout and immediately looks to see if the game is on another channel. If a broadcast of the game is found, GameSearch displays an onscreen message that gives you the option to tune to that channel. If it can't find an accessible broadcast, an onscreen message will state that the game is unavailable.



QUICKTUNE

Use QuickTune to get to your nine "must see" channels fast! While watching live TV, press the UP arrow on your remote control. A display with fields for 9 channels will appear on screen. To fill in the fields, press the ENTER button on your remote control. The channel you are currently viewing will be added to the currently highlighted field in the QuickTune display. After you've made all your picks, press the UP arrow whenever you want to bring up the application. Use the arrow keys to highlight the channel you want to watch and then press SELECT.



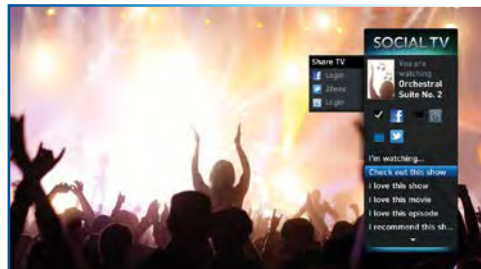
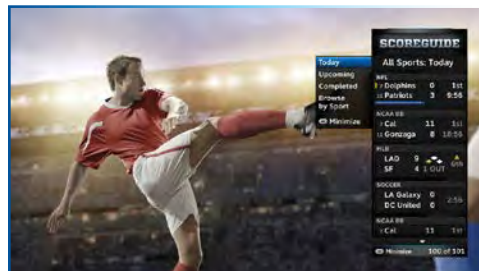
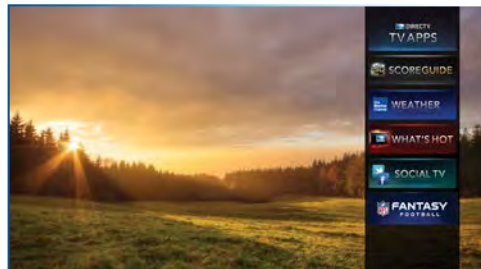
SPECIAL FEATURES

TV APPS

With DIRECTV's free TV Apps, you can check your local weather, get the latest sports scores, track your NFL fantasy standings, and discover trending shows – all without missing a second of what you're watching on TV. To enjoy TV Apps, your DIRECTV HD DVR must be connected to the Internet. (See Appendix 4, "Get Connected", for instructions.)

TV Apps include:

- **ScoreGuide™** - See updated scores, stats & standings for all major sports (including college conferences), results for games you missed and game schedules up to 7 days in advance. ScoreGuide can also be launched while watching a sports channel like ESPN or MLB Network by pressing the RED button on your remote.
- **Weather** - Get hourly weather updates and advisories, the 10-day forecast and more for your local area. Store up to 5 favorite cities for local conditions at a glance.
- **NFL.COM Fantasy Football TV App** - Track standings, scores, and stats for your NFL fantasy team. Plus, NFL SUNDAY TICKET lets you tune to any game in progress from the app so you won't miss the live action.*
- **What's Hot** - See what's trending on DIRECTV in real-time and discover new shows.
- **Social** - Connect to social media right from your TV to see what your friends are watching and share your own favorites.



DIRECTV TV Apps are FREE and easy to use. Just press the Right ARROW button on your Remote to launch the TV Apps dock and select the app you want.

NOTE: *The NFL.COM Fantasy Football TV App will begin functioning two weeks before the start of the NFL season, and will stop one week after season close.

DIRECTV® WHOLE-HOME DVR SERVICE

DIRECTV's Whole-Home DVR service is like having a DVR in every room. Now even rooms with HD Non-DVR Receivers or Clients can schedule and show recorded programs. Whole-Home provides more flexibility to the whole household with these benefits:

- Watch recorded shows in any room.
- Start watching in one room, finish in another.
- Record or delete shows from any room.
- Record two shows at once, while watching two shows from your Playlist.
- Set your DVR from any mobile phone, tablet or computer.

GET YOUR NETWORK SET UP

Networking your HD DVR, HD Non-DVR Receivers and/or Clients enables them to share content. This is typically done by a DIRECTV installer during your installation appointment. To learn more about upgrade and eligibility requirements, go to directv.com/wholehome. To get a quick understanding of how recorded content is shared by your household, skip to step 6.



NOTE: To access DIRECTV® Whole-Home DVR service functionality, you need a DIRECTV HD DVR Receiver (models HR20-HR23 with DECA, HR24, HR34, HR44), an additional Whole-Home-capable Receiver (models H21 with DECA H24, H23 with DECA, R22 with DECA, HR20-HR23 with DECA, H25, HR24, HR34, HR44) or Client (DIRECTV C31, C41, C41W; or other brand DIRECTV® Ready Client) for each TV, a SWiM network, HD Access, DVR service and DIRECTV® Whole-Home DVR service. There is a limit of one remote viewing per DVR at a time. For Whole-Home DVR to function, your Receivers should never have an Ethernet cable connected, unless it is connected to a DECA. H24, H25, HR24, HR34, and HR44 Receivers should never have a DECA installed.

DIRECTV® WHOLE-HOME DVR SERVICE

After your system is set up, see the following steps to personalize your Whole-Home experience and take advantage of its many great features and functionality.

1. Activate DIRECTV® Whole-Home DVR Service:

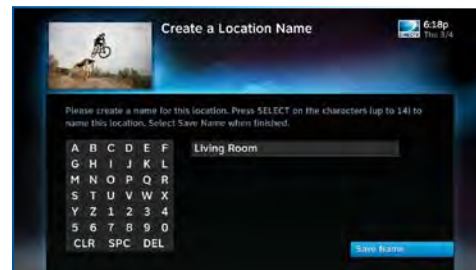
Once DIRECTV® Whole-Home DVR service is activated on your account, press the LIST button on your Remote. The service confirmation message at right will display. Select Continue.



2. Name Your Locations:

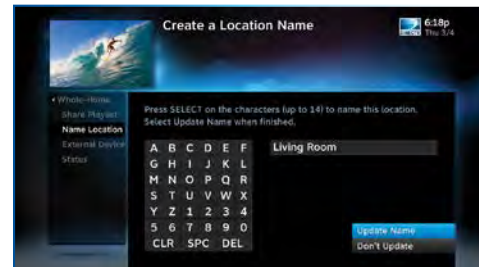
Now, give each Receiver or Client a name. We refer to this as Location. The name must be 14 characters or less, and should be easy to remember or associate with its location, such as "Living Room." You must be at the Receiver or Client to assign its name.

To change a Location Name, press MENU, select Settings & Help, then Settings, Whole-Home and then Name Location.



3. Set Playlist Sharing Options (HD DVR only):

If the Receiver is an HD DVR, you'll be prompted to set the following Playlist sharing options during initial setup:



DIRECTV® WHOLE-HOME DVR SERVICE

Share Playlist

You can share the Playlist with other Receivers and Clients, or not. For example, the HD DVR in your Den, can be set to share its Playlist with the Mini Client in your Master Bedroom, but not with the HD Non-DVR in your Kitchen.

Allow Deletion

Your HD DVR can be set to prevent another location from deleting programs that were recorded by that HD DVR. In our previous example, if the DVR in the Den is set to allow deletion From this room only, any attempt to delete a program (recorded in the Den) from the Master Bedroom or Kitchen would be prevented.

You can change sharing options at any time. Press MENU, select Settings & Help, then Settings, Whole-Home and then Share Playlist.

4. View Status:

To view the Whole-Home status for all your connected HD DVRs, press MENU, select Settings & Help, Settings, Whole-Home then Status. This screen displays if DIRECTV® Whole-Home DVR service status, as well as the Share Playlist settings for all networked HD devices.



5. Record Programs:

If you're in a room with an HD DVR, and you've authorized DIRECTV® Whole-Home DVR service, the program recording process is unchanged.

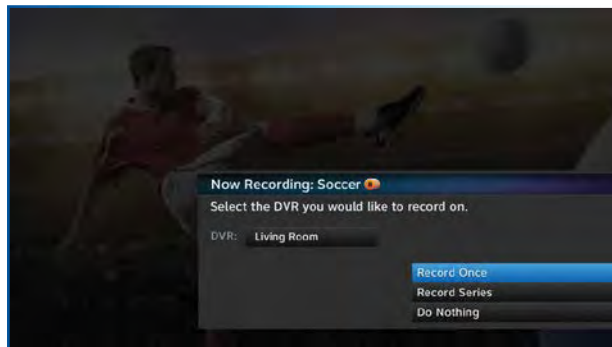
If you're in a room with an HD Non-DVR Receiver, once you authorize DIRECTV® Whole-Home DVR service, you'll be able to request programs to record.

- To record the show you're currently watching, or to record a highlighted program in the Guide, press the orange REC (record) button. A message displays onscreen asking you to select the HD DVR you would like to record on; then select either Record Once to record the current episode, Record Series to record the entire series or Do Nothing to cancel your request.

NOTE: Non-DVR Receivers do not recognize the Remote Control shortcut commands Record Series (press REC button two times) or Cancel Recording (press REC three times).

- You can also schedule a recording from a program's Info screen. To record the program you're currently watching, or to record a highlighted program in the Guide, press the INFO button and select Record Once or Record Series.
- If your recording (requested from a Non-DVR Receiver) conflicts with other recordings already scheduled on the target DVR, a message will display stating that your program cannot be recorded.

TIP: Adding a second HD DVR to your DIRECTV® System increases your recording capacity. Don't worry about having to remember on which DVR you recorded your shows. Whole-Home DVR service keeps things simple by giving you a single, unified playlist of all your recordings on any connected TV.



DIRECTV® WHOLE-HOME DVR SERVICE

- Recordings can be deleted from any connected Receiver or Client that has been set up to Allow Deletion. However, to check the status of scheduled recordings on the To Do List or to change the priority of a series you've scheduled to record, go to the HD DVR, press MENU and select Recordings, then Manage Recordings for options.

6. Watch Recorded Programs:

By networking your devices, the recordings from all the HD DVRs in your household are combined into a "shared" Playlist. The shared Playlist is accessible by all networked Receivers and Clients, including non-DVRs. To access the Playlist, press the LIST button on the remote control, or press MENU, then select Recordings, then Playlist. Highlight a show and press SELECT to play. If you've already watched part of the show in another room, you can select Resume to pick up where you left off. You can use any of the DVR control buttons such as PAUSE, FFWD, ADVANCE, etc, while watching your recorded show.

You can limit access to programs with Parental Controls.

See "Parental Controls" in Chapter 6 for details. Your Parental Control settings restrict access to both recorded and live programs. **Parental controls must be set at each Receiver.**

To delete a program from your Playlist, use the arrow keys to highlight the desired show and press the RED button. You'll then be asked to confirm the deletion.



NOTE: Only two locations can access a recorded program at the same time (the HD DVR on which the program was recorded and one other location). If a third location tries to playback a recording, a message will display explaining that the program is not available.

The DIRECTV Genie family of HD DVRs and Clients delivers the most advanced, versatile and cost effective HD experience from DIRECTV. The Genie HD DVR (HR34, HR44 and above), together with the Genie Minis (wired and wireless) and/or DIRECTV® Ready TVs, can serve your entire home, and allows you the flexibility to watch TV however and wherever you choose.

Genie Enhances Your Whole-Home Setup

Adding a Genie HD DVR to your Whole-Home network will extend its features and functionality. When connected to other HD Receivers as the main Receiver of your Whole-Home network, the Genie HD DVR can stream recordings to four active rooms simultaneously (with up to three Clients).*

For more information about the Genie family of HD DVRs and Minis Clients, please see Chapter 7, "Genie HD DVR".

NOTE: *The Genie HD DVR will work with any other DIRECTV HD DVRs, HD Receivers and Clients that are connected to and compatible with Whole-Home service, so you can play, pause, rewind and delete recorded content that's on your Genie DVR from any room in the house. **However, you will not be able to record content to the Genie from another HD DVR.**

NOTE: For a complete list of compatible DIRECTV Ready devices, Receivers, Clients and required services, visit directv.com/Genie.



With DIRECTV Mobile Apps, your favorite TV shows, movies and more are just a tap away on your iPhone®, iPad®, Android™ Phone or Android™ Tablet. Get more options for enjoying your entertainment beyond the TV, in and out of your home. All you need is an Internet-connected HD DVR and a DIRECTV online account.

KEY BENEFITS & FEATURES

[Browse](#)

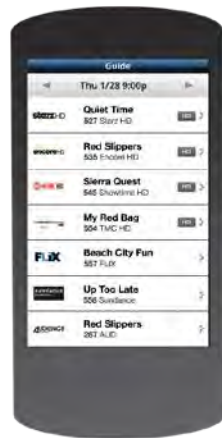
Browse thousands of PPV and On Demand titles available on your TV and mobile devices, and scan the interactive Guide without interrupting your current show. Use Smart Search on your mobile device just like you do on your Receiver.

Watch

Stream live TV channels on your device in any room of your home, and stream a selection of content while on the go.* Stream On Demand programs from HBO®, STARZ®, SHOWTIME® and other networks. Order PPV programs from your mobile device to watch wherever you like.

**Only select networks available for live streaming functionality and are subject to change at any time.*

Please refer to the "NOTE" on page 82 for more details.



*iPad is a registered trademark of Apple, Inc.
Android is a trademark of Google Inc.*

Control

Use your mobile device as a remote control for your DVR and set recordings from anywhere. (See Chapter 4, "Recordings.") Use your mobile device to access your Shared Playlist across all your DVRs with Whole-Home service.

SPORTS ON THE GO

DIRECTV's special sports-optimized features and dedicated football app keep sports fans entertained and informed, wherever they are.

Special Sports Features

View scores & stats, and custom-filter the teams and sports you follow.

NFL SUNDAY TICKET App

For subscribers of **NFL SUNDAY TICKET MAX**, this free app allows you to watch games live, get scores & stats, track your NFL.com fantasy league and favorite players, and receive customized highlight alerts, all on your tablet or mobile phone.

Please refer to the "NOTE" on page 82 for more details.



DIRECTV™ MOBILE APPS

DIRECTV™ VOICE SEARCH

Discover content and control your entertainment experience on your smart phone using your voice. Part of the DIRECTV for iPhone® and the DIRECTV for Android™ Phone apps, DIRECTV's voice-activated search understands what you mean and finds what you're looking for. Simply tell it what you want, whether it's searching for a movie or show, scheduling a recording, sending Remote commands or other tasks.

For complete details, downloads, a list of compatible devices (sold separately), and instructions for DIRECTV Mobile Apps and the NFL SUNDAY TICKET mobile app, please visit directv.com/mobileapps.

Visit directv.com/voice for a complete list of phones (sold separately) and operating system versions supported for the DIRECTV Voice feature.

NOTE: Functionality varies by compatible device and location. Only select networks corresponding to your package selection are available for live streaming and may vary by location and device. Additional charges may apply. In-home live-streaming feature requires home-based Wi-Fi connection and Internet-connected HD DVR.

Out-of-home viewing requires high-speed internet connection. All functions and programming subject to change at any time. Data charges may apply.

Certain remote mobile device control functions require a standard DIRECTV remote. Tablet remote control functionality requires a home WiFi connection. The mobile App requires Internet access and directv.com login. Internet connections may vary. In rare instances, scheduled recordings may not be recognized. Visit directv.com/mobileapps for complete details.

Use of the DIRECTV mobile apps are licensed under DIRECTV's current End User License Agreement.

Use of the DIRECTV mobile apps are also subject to DIRECTV's privacy policy and other legal policies, including DIRECTV's Customer Agreement for users who are DIRECTV customers.

Supported receivers: H21 and above, R22, and HR20 and above.

CHAPTER 6 - SETTINGS & HELP

Settings	84
Info & Test	84
Display	84
Audio	88
Network Setup	88
Remote Control	89
Satellite	90
Whole-Home	91
Power Saving	91
Reset	92
Parental Controls	93
Lock Now	94
Unlock Now	94
Ratings Limits	95
Adult Channels	96
Channel Blocks	96
Web Videos	96
Spending Limits	97
Viewing Hours	97
Favorite Channels	98
Help	99

SETTINGS

Press MENU, select Settings & Help, then Settings to review or change your system settings. These include: audio options, video format, TV resolution, network setup, remote control setup and more.

INFO & TEST

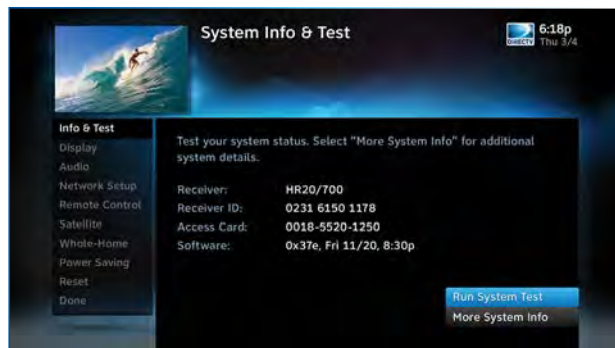
Select Info & Test to display the System Info & Test screen. Select Run System Test to initiate a test of the tuners, Receiver ID and phone line.

NOTE: Running the System Test will interfere with live TV and any current recordings.

Select More System Info to review your basic system information such as Receiver model, Receiver ID, access card number, software version, etc.... as well as, current Receiver settings. This information can be useful during troubleshooting.

DISPLAY

Select Display to access the following options: Preferences, Video, TV Ratio, TV Resolution, Captioning or Clock. Before you get started, you may want to review Appendix 5, "About High-Definition", which describes HD formats and resolutions.



Preferences

These are user interface display settings which include:

Recording Tips: Turn On or Off helpful tips that display onscreen whenever you schedule a recording.

Guide HD Channels: Choose whether you want the Guide to show HD channels and their duplicate SD channels or to hide the SD duplicates.

Guide shows: Select whether you want the first press of the GUIDE button to take you directly to the Program Guide or to go to the category filter first.

Language: Select your preferred onscreen text language.

Scrolling Effects: Turn scrolling effects ON or OFF. This affects the appearance of large text areas when they scroll.

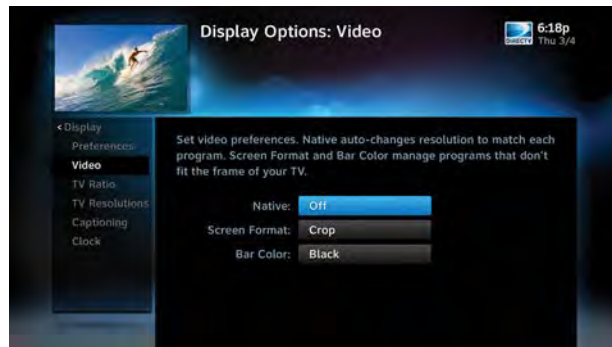
Banner Time: Set the Channel Banner time to determine how quickly the banner disappears after moving to a new channel.

NOTE: To change your screen format and resolution temporarily, press **INFO** on your remote, select **Audio/ Video** from the Channel Banner and select **Change Resolution & Format**.

Video

Set your preference for the following screen options: Native, Screen Format and Bar Color.

Native: You can turn Native Mode ON or OFF. When Native Mode is ON, your TV auto-changes to match the resolution of the



SETTINGS

program coming into the Receiver. For example, if Native Mode is ON and a program is being broadcast in 480p, your High-Definition Receiver prompts the TV to show it in that same format. If the next program changes to 1080i, the Receiver tells the TV to change to that format. Native Mode slows down the system's response time to channel changes since the Receiver and TV must adjust the picture resolution at every channel change. Because of this, the default setting is OFF. When Native Mode is OFF, your Receiver will display the program at the highest resolution set on the TV Resolutions screen.

Screen Format: When a program is broadcast in a format that does not exactly fit your TV screen, your Receiver will automatically size the picture. Screen Format options include Original Format, Pillar Box (Widescreen 16:9 HDTVs only), Letterbox (Standard 4:3 TVs only), Stretch and Crop:

- If you're watching a widescreen movie on a Standard 4:3 TV, you may want to choose Letterbox which places bars on the top and bottom of the screen.
- If your HDTV is 4:3 aspect ratio, you may want to Crop or cut off the content at the left and right side of the screen while preserving the proportion of the picture that remains.
- You can also Stretch the picture vertically or horizontally to fill up the screen.

Bar Color: Select the Bar Color option to set the color of the bars displayed when you view programming in Letterbox or Pillar Box modes.

TV Ratio

Set the aspect ratio that matches your TV. Options are Standard 4:3 or Widescreen 16:9.



TV Resolutions

Select the resolutions your TV can support so your Receiver can pass the proper signal. To find the resolutions your TV supports, check the User's Guide that came with your TV. If you select a resolution your TV doesn't support, the Receiver will reset the resolution after a few seconds.



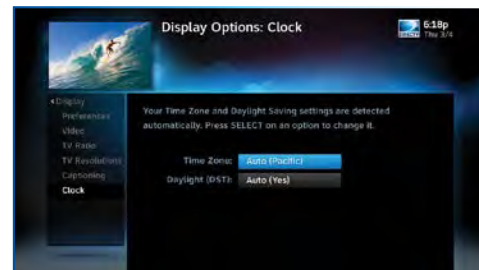
Captioning

Select Captioning to turn closed captioning ON or OFF, and to select the font style, size and color for the display of captions.



Clock

Select Clock to set your time zone and whether you want the Receiver to show Daylight Savings time or not.



SETTINGS

AUDIO

Select Audio to make a persistent change to your audio settings. Audio options include:

Language: Select your preferred audio language, i.e. English, Spanish, Chinese, etc.

Sound Effects: Select the volume of sound effects.

Dolby® Digital*: Select ON or OFF for Dolby Digital audio output to enable or disable a surround sound system.

HD Channels include 5.1 surround sound when available from the programmer. Additional equipment is required and sold separately.

NOTE: Not all TV programs deliver Dolby Digital 5.1 audio. Look for the Dolby Digital icon in the program description and Channel Banner.

** Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.*

NETWORK SETUP

Select Network Setup to set up and test your DVR's connection to the Internet. See Appendix 4, "Get Connected" for details.

