

# Chapter 3

## Using the System

### Change Channels

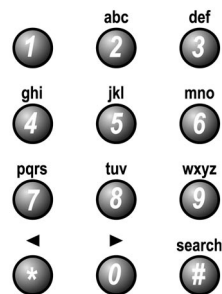
You can change channel on your satellite receiver while watching a program by doing one of the following:

- Press the remote control **UP** or **DOWN ARROW** button to change the channel.



- Use the **NUMBER PAD** buttons to enter the channel number you want.

**Note:** If you apply a **Favorites List**, you can use the **UP** or **DOWN ARROW** buttons to change channels on the list you apply, or use the number buttons to change to any channel, even if it is not on your applied list. The receiver skips over blocked channels if you hide them and lock the receiver. See page 38 for information on **Favorites Lists**.



### Use the Program Guide

You can use the **Program Guide** to see what programs are on and to change channels.








- The first time you use the receiver, it will take a little while to display the **Program Guide**. A message may be displayed indicating that the **Program Guide** needs to be updated. This is normal.
- A *red* background behind a channel usually means you haven't subscribed to the channel. Once you buy a channel, you can tune to it. To order a channel, please call 1-800-333-DISH (3474) or use the **Dish** button to order through the Customer Support application.

**Tip: The Program Guide is your key to satellite TV programs. The receiver displays the Program Guide on the TV screen.**

**Tip:** Be sure to turn off the receiver (so the green power light is off) when you're not using it. This way, the Program Guide will be automatically updated, and you won't have to wait for it to be updated when you're watching a program.

- The **Program Guide** shows which **Favorites List** you apply. Pressing **GUIDE** scrolls through the available **Favorites Lists**:
  - **All Chan** - Displays all of the channels available on DISH Network.
  - **All Sub** - Displays all of the channels in your subscription.
  - **Other Favorites Lists** - Displays *only* the channels on a particular list. See *Use Favorites Lists* for more information.
- The **Program Guide** shows programs that are on now and those that will be on during the next seven to nine days. The guide *doesn't* show programs that have ended.

**Note:** You can only get the seven to nine-day **Program Guide** from the 110 West satellite. If your system does not receive 110 West, the **Program Guide** will display information on programs for only two days.
- You can hide adult channels so the **Program Guide** doesn't show them. Please see *Hide or Show All Adult Channels* on page 47.
- You will find any of the following symbols in the Program Guide:
  - **(DD)** in the programming titles means a program has Dolby® Digital sound.
  -  for a program you can't buy
  -  for a blacked-out program
  -  for a pay per view program
  -  for a program with an event timer
  -  for a locked program

### Display the Last Channel You Watched in the Program Guide

You can set up the **Program Guide** to either show or not show the channel you are watching in its upper right-hand corner.

1. Press the **MENU** button.
2. Select the **System Setup** option.
3. Select the **Guide Displays** option.
4. Select the **Partial guide with video** option or the **Full guide without video** option.
5. Select the **Save** option.



Partial guide with video

or:

Full guide without video

SAVE

## Set the Channel Order in the Program Guide

You can set up the **Program Guide** to list channels in *ascending* order (with the highest channel number at the top), or in *descending* order (with the highest channel number at the bottom).

**Note:** If you don't set a channel order, the **Program Guide** lists the channels in *descending* order.

1. Press the MENU button.
2. Select the **System Setup** option.
3. Select the **Channel Order** option.
4. Select the **Ascending** or **Descending** option.
5. Select the **Save** option.

MENU



mno



mno



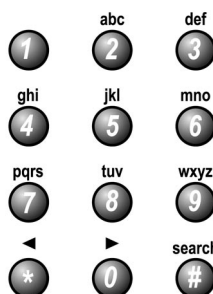
## Select a Program in the Program Guide

1. Press GUIDE to open the **Program Guide**.
2. Move around the **Program Guide** to highlight a program using the following ways:

GUIDE



- Use the NUMBER PAD buttons to enter the channel number you want. This will move the **Program Guide** to show the channel you enter and some others.



- Use the ARROW buttons to move the highlight around the **Program Guide**.

- Jump through the **Program Guide** in large steps forward or backward in time:

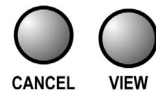
- a. Use the NUMBER PAD to enter the number of hours you want to skip. Press the RIGHT ARROW button to skip forward, and then the LEFT ARROW button to skip backward.

- b. Use the SKIP AHEAD or SKIP BACK feature to move the **Program Guide** ahead or back a full 24 hours.



**Note:** When you use the **Program Guide**, if the receiver needs to get the latest information (which might take a few minutes), it'll display a message that asks you to let it download new program information. As it downloads, the receiver displays a status bar. To avoid getting this message, turn the receiver off when you're not using it. It'll get the latest information by itself and maintain an updated **Program Guide**.

3. After you have highlighted the program you want, you can press the INFO button for more information about the program. If you do, press the CANCEL button to go back to the **Program Guide**.
4. Press the SELECT button to change to the highlighted program. If you select a program that is on in the future, the receiver will display a message to create a timer. See *User Event Timers* on page 48.
5. Press the CANCEL or VIEW button to close the **Program Guide**.



### Use the Program Banner

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You can use the **Program Banner** to find out more about a program you watch, *while you watch it*. The receiver displays the **Program Banner** for a few seconds at the top of the TV screen every time you change the channel or press the VIEW button.



**Tip:** Whenever you change channels, the Program Banner appears for a few seconds with information on the program that's playing on that channel.



**Note:** When you see a low battery warning message on the bottom line of the **Program Banner**, the batteries in your remote control are weak and need to be replaced.

### Use the Browse Banner

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You can use the **Browse Banner** to see what other programs are on and *not* miss any of a program you are watching. The **Browse Banner** shows information on the program you are watching at the *top* of the TV screen, and information on other programs at the *bottom* of the TV screen. The **Browse Banner** stays on the TV screen until you close it.

In this example, the **Browse Banner** shows information on a program we're watching at the top, and information on *another* program at the bottom.



The bottom **Browse Banner** displays the **Favorites List** that is currently applied. If the **All Chan** list is applied, the **Browse Banner** shows *all* channels. If another **Favorites List** is applied, the banner shows *only* the channels on that list. If you hide adult channels and lock the receiver, the banner *doesn't* show adult channels.

### Select a Program with the Browse Banner

While you watch a program, press the **BROWSE** (right arrow) button to get information on other programs.

With the *Browse Banner* open:

1. Move through the programs and highlight a desired program by doing the following:
  - Press the **UP** or **DOWN ARROW** button to change the channel information you see at the *bottom* of the TV screen, or use the number buttons to enter a channel number. The **Browse Banner** shows information about the program on now on that channel, at the *bottom* of the TV screen.
  - Press the **RIGHT ARROW** button to see information about the next program on the channel you chose. If you do this, press the **LEFT ARROW** button to go back to the current program on now on that channel.
2. Press the **INFO** button for more information about the highlighted program at the *bottom* of the TV screen. If you do this, press the **CANCEL** button to go back to the **Browse Banner**.
3. Select a highlighted program with the **Browse Banner**:

If the program is on now, the channel will change to the selected program.

If the program occurs in the future, this opens a menu where you can set an *Event Timer* for the program, as described on page 48.
4. To exit the **Browse Banner**, press the **CANCEL** button.

**Tip:** If you have a DSL line, the receiver's modem may not be able to dial out. If so, you will need to get a DSL filter and install it between the receiver and the phone wall jack. You should be able to obtain one of these filters from your DSL provider.

**Remember:** Enjoy your Pay Per View events but be careful. You cannot cancel the purchase of any Pay Per View events once you confirm.

### Buy a Pay Per View Program



Once you confirm an order for a pay per view program, you *can't* cancel thereafter and we'll bill you for it.

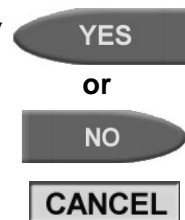
You *must* pay for all programs you or anyone else buys with the receiver. To lock pay per view, see *Lock or Unlock All Pay Per View Programs* on page 46.

To buy pay per view programs, you *must* connect the receiver to an active phone line.

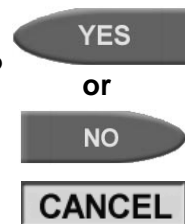
You can watch a pay per view program on TVs connected to as many as six different receivers. You will pay for the program only once, but you *must* order the program for *all* the receivers you will watch it on.

### How to Buy a Pay Per View Program

1. Select a pay per view program in the **Program Guide**. Pay per view programs are marked "PPV" in the **Program Guide**.
2. To buy the pay per view program, select the **Yes** option. If you don't want to buy the pay per view program, select the **No** or **Cancel** option.



3. A menu displays asking you to confirm your order. Select the **Yes** option to confirm the order and we will bill you for it. Select the **No** or **Cancel** option to cancel the order.



### Review Pay Per View Programming You Have Purchased

1. Press the MENU button.
2. Select the **System Setup** option.



3. Select the **Purchase Info** option. This opens a list of shows you've bought, both the ones you've watched and the ones you haven't watched yet.
4. Select the **Cancel** option to close the list.



## Use Themes

1. While you watch a program, press the **THEME (LEFT ARROW)** button to open the **Themes (Theme Categories)** menu.



2. Select a **Theme** category. This opens a list of programs that match the **Theme** you selected like this example.



**Note:** If you hide adult channels and lock the receiver, **Themes** lists will not show programs on adult channels.

**Note:** Programs colored in red are those that are not in your subscription.

3. Move through the list of programs using the **UP** and **DOWN ARROW** buttons or a page at a time using the **PAGE UP** and **PAGE DOWN** buttons on the remote control.



**Tip: Favorites Lists let you set up lists of your favorite channels. When you apply one of these lists in your Program Guide, you see only your favorite channels — making it much easier to find programs to watch.**

4. Highlight the program you want. You can press the INFO button for more information about the program you highlight. If you do, press the CANCEL button to go back to the list of programs.
5. Press the SELECT button to watch the program or set a timer.

## Use Favorites Lists

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You can set up lists of your favorite channels to appear in the **Program Guide**. These lists can include any channels you want.

**Note:** If you hide adult channels and lock the receiver, *no Favorites List* will show adult channels.

**You *must* do two things to use Favorites Lists:**

1. Set up the list(s) you want. Please see *Set Up or Change a Favorites List* on page 39.
2. Apply a list. See *Apply a Favorites List* on page 40.

## About Favorites Lists

- When you apply a Favorites List, the **Program Guide** shows *only* the channels in that list. To choose channels in the list, press the remote control UP or DOWN ARROW button.
- To choose a channel whether or not it is on the **Favorites List** you apply, use the number buttons to enter the channel number.
- The **All Chan** list includes *all* the channels. You *can't* make any changes to the **All Chan** list.
- The **All Sub** list includes all the channels you buy. You *can't* make any changes to the **All Sub** list unless you change what you buy. To do so, please call 1-800-333-DISH (3474) or press the DISH button to go to **Dish Home Interactive TV Applications**.
- You can use up to four custom Favorites Lists. You can give each list a name. When you first get the receiver, the four lists have the names **List 1**, **List 2**, **List 3**, and **List 4**. The lists are empty until you add channels to them.
- You can add *as many channels as you want* to *each* list.

## Set Up or Change a Favorites List

1. Press the **MENU** button.
2. Open the **Favorites Lists** menu.
3. Select the list you want to change. A check mark shows up next to the list. *For example*, here we selected **List 1**.
4. Select the **Modify List** option.

MENU



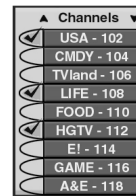
ghi



MODIFY LIST

**Note:** You cannot modify the **All Chan** and **All Sub** lists.

5. In the **Channels** list, select a channel or channels you want to add to the list. A check mark shows up next to each channel. *For example*, here we selected **USA - 102**, **LIFE - 108**, and **HGTV - 112**.



You can select the **Clear** option to remove all the channels from the channels list.

CLEAR

6. To delete a channel, select the channel again. The check mark next to the channel goes away.
7. Select the **Save** option to save your changes.

SAVE

## Change a Favorites List's Name

1. Open the **Favorites Lists** menu.
2. Select the list whose name you want to change. A check mark shows up next to the list. *For example*, here we selected **List 1**.
3. Select the **Edit List Name** option.
4. Select the **Clear** option if you want to clear the list's name.

MENU



ghi



EDIT LIST NAME

CLEAR

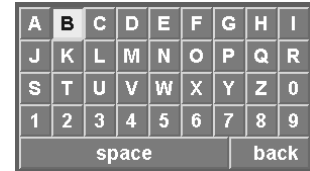
**Tip:** Be sure to set up a list of your favorite channels because it makes finding programs to watch much easier!

## Chapter 3

### Using the System

**Tip:** It's easy to apply a Favorites List. Just press **GUIDE** on the remote repeatedly, and watch for the name of your list to appear in the upper left most area of the Program Guide

5. Select a letter on the on-screen keypad (it's just like selecting a menu option). *For example*, here we selected **B**. Do this *again* to spell out the name. You can enter up to eight letters, numbers, or spaces. If you need to, select the **space** option to insert a space in the name or the **back** option to correct a letter.
6. Select the **Save** option to save your changes.



### Apply a Favorites List

To apply a Favorites List, do the following:

- If the **Program Guide** is open, press the **GUIDE** button repeatedly until the list you want appears. The **Program Guide** shows which list you apply.

**Note:** Unless you add channels to at least one custom list, you can apply *only* the **All Chan** list or the **All Sub** list.

### Use the Search Feature

The **Search** feature allows you to search the **Program Guide** for programs or program information.

1. Press the **SEARCH** button.



2. The **Search** menu will open.



3. Move the highlight to the **Name** box.

4. There are two ways to enter the name of the program you want to find:

- Use the UP, DOWN, LEFT, and RIGHT ARROWS to scroll around on the virtual keyboard and then select the letters you want.
- Use the remote control number pad to enter the letters in the **Name** box. Numbers 2 through 9 have telephone-style numbers written above them. To enter an H, for example, press 4 twice because H is the second letter listed above the 4 on the number pad. For example, if you are searching for *Rudy*:

Press **7** three times for an R.

Press **8** twice for a U.

Press **3** once for a D.

Press **9** three times for a Y.

**Note:** Enter up to 14 characters (letters and spaces) for your search.

5. When you have entered the name, scroll down to choose between two options:

- **Search Event Titles Only** - Select this option when you are sure the word(s) you entered are part of the event title.
- **Search All Event Info** - Select this option if you want to search event titles and information for the word(s) you entered.

6. Select the **Search** option. When the search completes, you will see a screen listing the name of the program(s) and the start and stop times.



7. Highlight the program you want to watch or record and press **SELECT**.

**Tip:** You can lock out programs by a rating such as PG-13, or you can lock out entire channels.

8. If the **Create An Event Timer** menu opens, select **Create** to record the program. See *Use Event Timers* for more options on setting up timers.
9. After setting up the timer, select **Cancel** to exit the menu or press **View** to go back to watching a program.

## Use Locks

The Locks feature allows you to lock out certain programming, channels, or receiver functions. The locks can be unlocked using a special password.

**Note:** You can set up a Personal Identification Number (PIN) with the Customer Service Center so *only* you can order services by phone. See *Personal Identification Number* on page 48 for more information.

- You can set locks *and* lock the receiver so *only* someone who knows the password can get to locked channels or programs.

**You must do two things to use locks:**



1. **Set up the locks** you want (see the next few pages).
2. **Lock the receiver.** This is how you apply the locks you set up (that is, how you make them work). See *Lock or Unlock the Receiver* on page 47.

## Open the Locks Menu

1. Press the MENU button.

MENU



2. Select the **Locks** option.

jkl



This opens the **Locks (Parental and System Locks)** menu.

**Note:** If you've locked the receiver previously, you *must* enter the password to open the **Locks** menu.



3. On the **Locks** menu, select the option for the lock you want to set.

## Set or Change the Password

1. Press MENU and then select the **Locks** menu.

**Note:** If you've locked the receiver previously, you *must* enter the existing password to open the **Locks** menu. So, unless you *know* the password you *can't* change it.

2. Select the **Change Password** option.

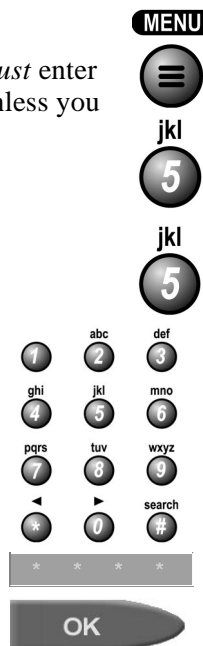
3. Use the number buttons to enter the password you have now. The receiver displays stars (\*) as you enter the digits of the password. When you enter the last digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.

4. Enter the new password.

5. Enter the new password again to confirm your choice.

6. Select the **OK** option again.

7. Memorize your new password.



**Important:** If you create a password, be sure to write it down and put it away some where safe, as you will not be able to change any locks or unlock the receiver without it.

## If You Forget the Password

If you forget the password, call the Customer Service Center at 1-800-333-DISH (3474). You may need to give us information such as your name, your address, your telephone number, the receiver serial number (see *Order Your Program Packages* on page 3), and your Personal Identification Number (PIN), if you use one (see page 48).

## Rating Code Locks

- Rating code locks use the codes the *original program providers* assign to the programs. The actual content of the programs *may be different* from the assigned ratings.

**Note:** No rating system can guarantee that *all* unwanted material is screened out.

- Like all other locks, these locks work *only* when you lock the receiver.
- You can lock *any* satellite program, *even* a pay per view program.
- The locks built into some TVs (“V chip” locks) *don't* work for satellite programs.
- TV program ratings are *different* from movie ratings.
- Receiver locks *don't* work for TV programs.

**Tip:** If you forget your password, call Customer Service at 1-800-333-DISH (3474)

**Tip:** If you have the password, you can lock and unlock any channel, including pay per view channels.

- **Rating Codes:**

*G: General Audience.* Suitable for young children.

*PG: Parental Guidance suggested.*

*PG-13: Parental Guidance suggested.* Not recommended for children under 13.

*R: Restricted.* Not recommended for children under 17 unless accompanied by an adult.

*NC-17: Not recommended for Children under the age of 17.*

*NR/AO: Not Rated/Adult Oriented*

- **Expanded Ratings:**

*L: Language.* Adult language.

*V: Violence.* Graphic Violence.

*SC: Sexual Content.* Sexual scenes.

*N: Nudity.* Nude scenes.

### Set or Change Rating Code Locks

1. Press MENU and then select the **Locks** menu.

MENU



jkl



2. Select the **Ratings Locks** option.

3. Select the rating for the *youngest* viewers you want to protect. This *also* selects ratings for programs for more *mature* viewers. *In the example here*, if you lock PG-13 rated programs, you also lock all programs with the R, NC-17, and NR/AO ratings.



4. Select the expanded rating code(s), if you want to lock these ratings too. *For example*, here we selected **Language**.



**Note:** You can select any, all, or none of these rating codes.

5. To *unlock* a rating code, select the code.

6. Select the **Save** option to save your changes.

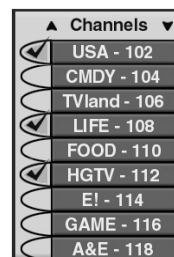
SAVE

7. You *must* lock the receiver to apply the lock you just set. See *Lock or Unlock the Receiver* on page 47.

## Set or Change Channel Locks

**Note:** You can lock *any* channel, even a pay per view channel.

1. Press **MENU** and then select the **Locks** menu.
2. Select the **Channel Locks** option. Select the channel(s) you want to lock. A checkmark shows up next to the channel(s), as you can see in this *example*.



4. Select the **Save** option to save your changes.



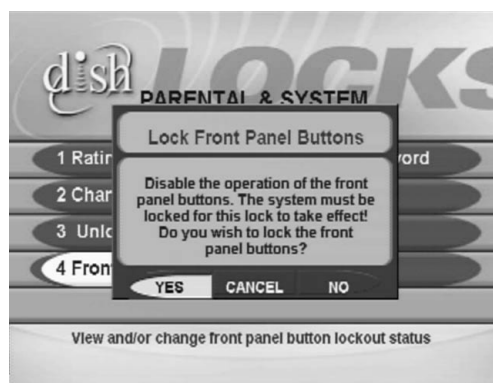
5. You *must* lock the receiver to apply the lock you just set. See *Lock or Unlock the Receiver* on page 47.

## Lock or Unlock the Receiver Front Panel Buttons

**Note:** You can lock the receiver buttons and hide the remote to limit how people use the receiver.

**Note:** Even if you lock the receiver front panel buttons, the **POWER** button will continue to work.

1. Press **MENU** and then select the **Locks** menu.
2. Select the **Front Panel Lock** option. The **Lock Front Panel Buttons** pop-up displays.



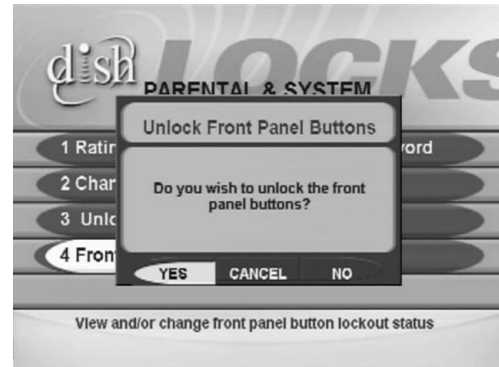
3. Select the **Yes** option.



4. You *must* lock the receiver to apply the lock you just set. See *Lock or Unlock the Receiver* on page 47.

*To unlock the receiver front panel buttons:*

1. Press MENU and then select the **Locks** menu.
2. Select the **Front Panel Lock** options **Unlock Front Panel** Buttons pop-up displays.



3. Select the **Yes** option.

YES

### Lock or Unlock All Pay Per View Programs

**Note:** This locks *all* pay per view channels. You can lock one or more channel(s) with channel locks or rating code locks.

*To lock all pay per view programs:*

1. Press MENU and then select the **Locks** menu.
2. Select the **Lock PPV** option.
3. You *must* lock the receiver to apply the lock you just set. Please see *Lock or Unlock the Receiver* on page 47.

*To unlock all pay per view programs:*

1. Press MENU and then select the **Locks** menu.

MENU



jkl



mno



2. Select the **Unlock PPV** option.

## Hide or Show All Adult Channels

You can keep the **Program Guide**, **Themes** lists, **Favorites Lists**, and the **Browse Banner** from showing *any* adult channels. This means no one can tune to adult channels with the remote control **UP** or **DOWN ARROW** button or number buttons.

**Note:** This locks *all* adult channels. You can lock one or more adult channel(s) with channel locks or rating code locks.

### *To hide all adult channels:*

1. Open the **Locks** menu.
2. Select the **Hide Adult** option.
3. You *must* lock the receiver to apply the lock you just set. Please see *Lock or Unlock the Receiver*, below.

### *To show all adult channels:*

1. Open the **Locks** menu.
2. Select the **Unhide Adult** option.

## Lock or Unlock the Receiver

### *To lock the receiver:*

1. Press **MENU** and then select the **Locks** menu.
2. Select the **Lock System** option. The receiver displays a message that tells you to enter the password.
3. Use the number buttons to enter the password. The receiver displays stars (\*) as you enter the digits of the password. When you enter the last digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.
4. The receiver displays a message that tells you to enter the password again. Do so, and then select the **OK** option again. *This applies all the locks you set.*

### *To unlock the receiver:*

1. Press **MENU** and then select the **Locks** menu.
2. Because the receiver is locked, it displays a message that tells you to enter a password. The receiver displays stars (\*) as you enter the digits of the password. When you enter the last digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.
3. Select the **Unlock System** option.

**MENU**



jkl



def



**Tip:** You can lock single adult channels or all adult channels. Just remember that you will need the password to unlock them.

**Tip:** To use Locks, you must set the locks you want, and then lock the receiver.

#### When You've Locked the Receiver

- If you try to watch a locked channel or program, erase a protected DishDVR recording, or open the **Locks** menu, the receiver displays a message that tells you to enter the password.
- The receiver gives you three tries to enter the right password. If you can't do this, the receiver doesn't let you try again for several minutes. If you enter the right password, you can watch a locked channel or program or open the **Locks** menu.
- If you leave a locked channel or program or the **Locks** menu, you *must* enter the password *again* to see the channel, program, or **Locks** menu again.
- If you unlock the receiver, leave the locks unchanged, and then lock the receiver *again*, you apply the *same* locks as before.

#### Personal Identification Number

You can set up a Personal Identification Number (PIN) for call-in requests *only*. Anyone who calls the Customer Service Center *must* provide this PIN to make any changes to your account, to buy services, or to get information. You can call the Customer Service Center at 1-800-333-DISH (3474) at any time to set up a PIN.

If you forget your PIN, you *must* call the Customer Service Center. We may ask for more information to make sure it's okay for you to make changes to your account.

#### Use Event Timers

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Many satellite TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

Event timers let you set up the receiver to tune in future programs and/or record them, with the DishDVR features or a VCR.

- An “event” is a program, sports event, pay per view movie, or anything else on satellite TV.
- You can quickly set a one-time event timer with *Quick Record*. See page 50.
- You can set an *automatic* event timer for a program listed with start and stop times in the **Program Guide**. This can be a program that comes on each day or each week. See page 51.
- A *manual* event timer lets you set custom start and stop times for a timer. You can use a manual timer to record *part of a program, several programs together, or parts* of several programs. See page 52.

- If you use an event timer, you can record *only* the channel you've got tuned. This means you *can't* record one program and watch or record another "live" program at the *same* time.
- If you open a menu while you record to a VCR, the tape *may* record the menu. If you change the volume or press the MUTE button, the tape *may* record the change depending on how your VCR is connected in your system.

**Note:** If you want to have Event Timer record to a VCR, you must set up the receiver to control the VCR. See *Control a VCR* on page 56.

**Note:** Even if the systems shows "PVR" instead of "DVR," it works the same way.

### Event Timer Types

<b>DVR</b>	Reminds you a program is about to start; tunes the receiver to the program when it begins; records the program with the DishDVR features.
<b>Auto-Tune</b>	Reminds you a program is about to start; tunes the receiver to the program when it begins.
<b>Reminder</b>	Reminds you a program is about to start.
<b>VCR</b>	Reminds you a program is about to start; tunes the receiver to the program when it begins; starts a VCR to record the program.

### Event Timer Frequencies

<b>Once</b>	Works for a one-time <i>program</i> . If the program time changes, this timer works at the <i>new</i> time. The receiver <i>deletes</i> this timer right after the timer works. <b>Note:</b> A <b>Once</b> timer keys on a program, <i>not</i> a time. So even if the program comes on late, the timer works for it.
<b>Weekly</b>	Works once a week on the same <i>channel</i> at the same <i>time</i> on the same <i>day</i> . You can set this timer for a program that comes on once a week.
<b>Daily</b>	Works on Monday through Sunday on the same <i>channel</i> at the same <i>time</i> each day. You can set this timer for a program that comes on every day.
<b>Mo.-Fr.</b>	Works on Monday through Friday on the same <i>channel</i> at the same <i>time</i> each day. You can set this timer for a program that comes on every weekday.

**Tip: Want to make sure you never miss an episode of your favorite show? Just set a Weekly Event Timer once, and the receiver will automatically record it every week!**

**Tip:** You can also press the **SELECT** button to see more information about the event timer.

**Tip:** Quick Record is the fastest and easiest way to record one program once. Just find the program you want to record, press **RECORD** and then you're done. It's that simple!

### When an Event Timer Works

Only during the five minutes right before an event timer works, you'll see a small picture of a clock blinking on the TV screen. This clock goes away when the program begins. While you see the clock, you can do *either* one of the following:

- Press the remote control **CANCEL** button to clear the clock from the TV screen. This *doesn't* change the timer; it will still work.
- Press the remote control **INFO** button to see more information on the event timer. If you do this, you'll have these two choices:
  - Select the **OK** option to *continue* with the event timer, or
  - Select the **Stop Timer** option to stop the event timer.



### Use Quick Record

You can use *Quick Record* to very quickly set a one-time, one-program *DVR Event Timer* or *VCR Event Timer*.

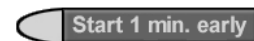
1. Highlight *but don't select* a future program in the **Browse Banner**, in the **Program Guide** or in a **Themes** list.

**Note:** If you select a future program, you open a menu where you can set an automatic event timer. This is almost as fast as *Quick Record*.

2. Press the **RECORD** button.
3. This opens a menu where you can set an event timer.



4. If you want to start the timer one minute early, select the **Start 1 min. early** option.



**Note:** This lets you make sure the timer records a program's start.

**Note:** You can start *any* timer (except one for a pay per view program) one minute early. But, if you set a timer that works right after another timer and the second one *starts* early, the first one will *end* early.

5. Select the **DVR** or **VCR** option.

## Set an Automatic Event Timer

1. *Highlight and select* a future program in the **Browse Banner**, in the **Program Guide**, or in a **Themes** list.

This opens the **Create an Event Timer** menu.



2. Select a **Timer Type** option. A check mark shows up next to the option you select. For example, here we selected the **DVR** option.
3. Select a **Timer Frequency** option. A check mark shows up next to the option you select. For example, here we selected the **Once** option.
4. Only for a Once (one-time), DVR Event Timer, you can select the **Protect Recording** check box. If you do this, a check mark shows up in the box.



**Tip:** You can protect any recording so that the receiver will not record over it without asking you first. Just select **Protect Recording** on the **Create an Event Timer** menu.

**Note:** When you protect a recorded program, the receiver will ask you *before* it records over that program.

5. Select the **Create** option to set the event timer. You'll see a clock picture on the program in the **Program Guide**, and also when you press the **INFO** button to get information about the program.

### Set a Manual Event Timer

Use a manual event timer to manually set the start and stop time of a recording. This is useful for recording all of a sports event, even if it goes into overtime. Or, you can record part of a program, or several programs one after the other.

#### Notes:

- *Before* you set a manual timer, use the **Program Guide** or program lists to find the start and end times you want to set.
- You *can't* set a manual timer for a pay per view program.
- You *must* set the end time *after* the start time, and set the end time at least one minute later than the start time.

#### Here's what to do:

1. Press the MENU button.



2. Select the **Timers** option.

This opens the **Event Timer Management** menu.



3. Select the **Create** option.



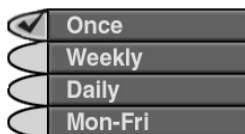
This opens the **Create a Manual Event Timer** menu.

**Tip:** You can use Event Timers to record programs automatically, or you can set a manual event timer to record several programs that are on one after another on the same channel.

4. Select a **Timer Type** option. A check mark shows up next to the option you select. For example, here we selected the **DVR** option.



5. Select a **Timer Frequency** option. A check mark shows up next to the option you select. For example, here we selected the **Once** option.



6. Select a channel:  
**Either:** Use the UP or DOWN ARROW button to highlight a channel. Then, press the SELECT button.  
**Or:** Use the number buttons to enter a channel number.

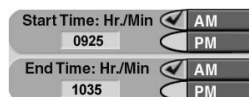
7. Only for a Once (one-time), DVR Event Timer, you can select the **Protect Recording** check box. If you do this, a check mark shows up in the box.

**Note:** If you want to delete a protected program, the receiver will ask you if you are sure you want to delete the event.

8. Select the **Set Date/Time** option.

This opens the **Set Date/Time for Manual Timer** menu.

9. Use the number buttons to enter the **Start Time** (make sure you select **AM** or **PM**) and the **End Time**, (make sure you select **AM** or **PM**). **Note:** The menu displays zeroes for you in numbers like “07”.



10. Use the number buttons to enter the **Date**.



11. Select the **Create Timer** option.

12. **Either:** To set another event timer, select the **Create** option again.  
**Or:** If you don't want to set another event timer, press the CANCEL button.

### When Event Timers Overlap

If you try to set event timers for programs on at the same time and date, the receiver displays a conflict menu with the dates and times of both programs. To resolve the conflict, pick which timer to keep and which timer to delete.

**Note:** The receiver deletes one-time event timers right after they work. You *must* delete all other types of timers yourself.

**Tip:** You can use a Manual Event Timer to record a “block” of programs on the same channel, or to make sure you don't miss the last few minutes of a sports event that goes into overtime.

### Edit an Event Timer

- You can edit *any* type of event timer.
- You can change *any* feature of an event timer.
- When you edit an *automatic* event timer you *change* it to a *manual* event timer. A manual timer works at the times *you* set, which *don't* have to be the actual program times.
- You can change one type of event timer to any other type of event timer and back, *within the limits on each type of timer*. Each type of timer has its own limits, so please be careful! Also, you *can't* change a *manual* timer to an *automatic* timer.

#### Here's what to do:

1. Press the MENU button.
2. Select the **Timers** option.

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7

This opens the **Event Timer Management** menu.

3. Select the event timer you want to edit. A check mark shows up in the box next to the event timer. *For example*, here we selected a DVR event timer.



4. Select the **Edit** option.



This opens the **Edit a Manual Event Timer** menu.



5. You can change the **Timer Type**, **Timer Frequency**, or **Channel**. To do this, select each option you want.
6. Only for a Once (one-time), DVR Event Timer, you can select the **Protect Recording** check box. If you do this, a check mark shows up in the box.



**Note:** When you protect a recorded program, the receiver will ask you *before* it records over that program.

- If you want to change the **Start Time**, the **End Time**, or the **Date**, select the **Set Date/Time** option. This opens the **Set Date/Time for Manual Timer** menu.



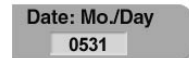
**Note:** If you don't want to change the date or time, please skip to step 10.

- Use the number buttons to enter the **Start Time** (make sure you select **AM** or **PM**) and the **End Time**, (make sure you select **AM** or **PM**).

**Note:** The menu displays zeroes for you in numbers like "0925".



- Use the number buttons to enter the **Date**.



- Select the **Create Timer** option.
- Either:** To edit another event timer, highlight the timer and select the **Edit** option again.  
**Or:** If you don't want to edit another event timer, press the **CANCEL** button.

### Delete an Event Timer

- Press the **MENU** button.



- Select the **Timers** option to open the **Event Timer Management** Menu.



**Tip:** You must buy a Pay Per View event before you can set an automatic event timer for it. And you cannot set a manual event timer for any Pay Per View event.

3. Select an event timer you want to delete. A check mark shows up in the box next to the event timer. *For example*, here we selected a DVR event timer.
4. Select any other timer(s) you want to delete.
5. Select the **Delete** option to delete the timer(s) you selected.

### Pay Per View Programs and Locked Programs

- You must buy a pay per view program before you can set an automatic event timer for it. You can't set a manual event timer for a pay per view program. You can't edit an event timer for a pay per view program.
- When you've locked the receiver, you *must* enter the password before you can set an automatic event timer for a locked program. You can set a manual event timer for a locked program and *not* enter the password. If you do set a timer like this, when the timer works the receiver may display *only* an error message or a password entry menu. If you've set a *DVR Event Timer* or a *VCR Event Timer*, the recording will show *only* the error message or password menu.
- If you use a *DVR Event Timer* to record a locked program, you must enter the password to play back the program. If you record a block of two or more programs and just one of them is locked, you must enter the password to play back any of them. For example, if you set an event timer to record a block of three programs and one of them is an adult movie, you must enter the password to watch any of the three programs.

### Power Off and Event Timers

- If the receiver is off when a *DVR Event Timer*, *Auto-Tune Event Timer*, or *VCR Event Timer* works, the receiver will turn on. When the program ends, the receiver will turn off unless you press any remote control or front panel buttons while the timer is in operation.
- If the receiver is off when a *Reminder Event Timer* starts, the receiver will turn on and stay on.

### How Many Event Timers You Can Set

You can set a limited number of event timers. If you try to set more, the receiver displays a menu where you can delete an existing timer. If you don't delete an existing timer, you *won't* be able to set any new ones.

### Control a VCR

**Note:** Remember, you can use the DishDVR features to record a program *without* a VCR!

- To use *VCR Event Timers*, you *must* connect the receiver's back panel audio/video outputs to the audio/video inputs on the VCR. See page 29 for the recommended connection to a VCR.

- To use *VCR Event Timers*, you *must* set up the receiver to control the VCR (see below). If the receiver *can't* control the VCR, use an *Auto-Tune Event Timer* to tune the receiver to the channel you want to record. Use the timers built into the VCR to start and stop the VCR at the right times.
- The receiver's front panel IR BLASTER sends an IR signal to control the VCR. This signal can bounce off walls or other objects on its way to the VCR. This works in most home setups. But, shelves or smoked glass doors between the receiver and the VCR can block the signal. If the signal has to cross a very large room, or bounce off curtains, it may not be strong enough to control the VCR. Make sure nothing blocks the signal, and the signal can bounce off nearby, light-colored, smooth surfaces.
- If you can't set up the IR BLASTER to control the VCR, maybe you can use an IR extender you connect to the receiver ACCESSORY JACK. An IR extender is a cable that carries the infrared signal from the receiver to the IR sensor on the VCR. You can buy extenders from the Customer Service Center. You *must* set up the receiver to send the right signals out via the ACCESSORY JACK. Please see *Set Up the Accessory Jack* on page 81.



**Here's what to do:**



The receiver *starts* the VCR to record, but *doesn't* turn the VCR on. So, you *must* leave the VCR turned on!

1. Get the VCR device code from the table in *Device Codes* starting on page 121.
2. Press the MENU button.
3. Select the **System Setup** option.
4. Select the **Installation** option.
5. Select the **VCR Setup** option.
6. Use the number buttons to enter the VCR device code.
7. Make sure you turn on the VCR. If you are using the **TV Set Out** on the receiver to provide audio/video to the VCR, set its channel switch to 3 or 4 to match the receiver back panel channel 3/4 switch and make sure the VCR is set to record on this channel. Put in a rewind videotape that you can record on.



- To test the device code, highlight the **Test** option. The receiver displays a message that warns you to make sure you turn the VCR on. 
- Press the **SELECT** button to start the test. The VCR records for a few seconds, stops, and then rewinds.
- The receiver displays a message that says the VCR test is done. Do what the message says. If the VCR did not do the test, enter another device code from the table, and then do step 8, step 9, and this step *again*.
- Once you find the right VCR code, select the **Save** option to save the VCR code you entered. 
- Set the *VCR Event Timer(s)* you want. Remember, you must leave the VCR turned on with a blank tape inserted ready to record.

## Use Caller ID

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**Caller ID** displays on your TV the names of people as they call you if you subscribe to Caller ID from your local phone company.

### Enable Caller ID

- Make sure you have an active phone line connected to the DishDVR receiver.
- Make sure your system is properly grounded. Sometimes an improperly grounded system will cause problems with the **Caller ID** feature.
- Press **MENU** on the remote and select **System Setup, Installation**, and then **Caller ID**, or press MENU-6-1-8 on the remote.



- When the **Caller ID** menu opens, move the highlight to **Enable** and press **SELECT** to save your choice. Press **VIEW** to go back to watching a program.

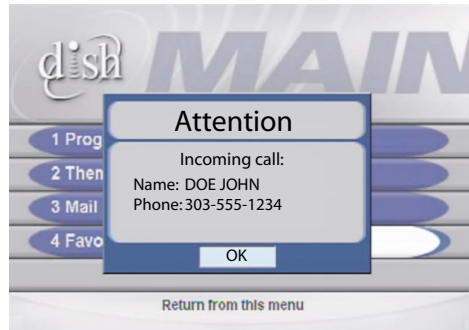
## When You Get a Call

When you receive a call, you will see a **Caller ID** popup with the same kind of information you see on your regular phone or Caller ID device.



You can select **OK** to close the message. If you do nothing, it will disappear after 20 seconds.

If you are in a menu when a call comes in, you will see a different **Caller ID** popup screen.



## Use Dolby® Digital Sound

Dolby® Digital lets you use Dolby® Surround sound in an audio/video system. The receiver has a Dolby® Digital output, although *not* all programs have Dolby® Digital sound. The receiver provides Dolby® Digital and Linear PCM (regular mono or stereo sound) for a sound system or audio amplifier/decoder that can process such audio.

1. Connect an amplifier/decoder that can process Dolby® Digital signals to the receiver's back panel DOLBY® DIGITAL output.
2. Press the MENU button.
3. Select the **System Setup** option.



4. Select the **Dolby® Digital** option.
5. Select one of the options below.

tuv



If you select the **Dolby® Digital/PCM** option and the amplifier can't process both types of signals, you could damage the speakers. Please see the user's manual that came with your amplifier for more details.

- **Dolby® Digital Only** - Select this option if the amplifier can process *only* Dolby® Digital (AC3) signals.
  - **PCM Only** - Select this option *only* if the amplifier *can't* process Dolby Digital signals.
  - **Dolby® Digital/PCM** - Select this option *only* if the amplifier can process *both* Dolby® Digital and Linear PCM signals.
6. Select the **Save** option to save the setup.

### Use the DishDVR Features

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Most satellite TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

The DishDVR features let *you* decide how to watch TV. You can pause, reverse, or skip back through a program. Then you can go back to watch, fast forward, or skip ahead through the programed can *record* and *play back* programs with full digital audio and video quality, *without* a VCR.

### Auto Recording

If you get a phone call while you watch a live program, you can pause the program, answer the phone, go back to watch the program, and not miss *any* of the action.

You can pause, reverse, or skip back through a live program. Then you can go back to watch, fast forward, or skip ahead through the program.

You can also use slow motion forward and backward, and frame advance and reverse while using the DishDVR's auto recording feature.

For more information, please see *Use Auto Recording*, below.

## On-Demand Recording

You can record a program on now or a future program to watch later, or you can keep your recording.

You can pause, go back to play, reverse, skip back, fast forward, or skip ahead through a recorded program.

You can also use slow motion forward and backward, and frame advance and reverse while using the DishDVR's auto recording feature.

You can play back a program you already recorded and record a new program at the *same* time.

For more information, see page 62.

## Auto Recording and On-Demand Recording at the Same Time

You can pause, go back to watch, reverse, skip back through, fast forward, or skip ahead through a "live" program and record that program at the same time. For more information, see page 66.

## Use Auto Recording

Turn the receiver on and tune it to a channel. Then you can use the remote control's DishDVR buttons.

**Note:** When you press any one of these buttons, you'll see a small sign on the TV screen.

Press the PAUSE button to pause the program. Press this button *again* to watch the program from where it paused.



**Note:** For a "live" program, the on-screen pause timer shows how long you've paused the program. If you've paused the program more than once, the pause timer shows the *total* time you've paused. If you pause after you reverse or forward, the pause timer shows how far you're behind the "live" program.

Press the BACK button *once* to reverse the program four times as fast as normal play. Press the BACK button *twice* to reverse at 15 times normal speed, *three times* to reverse at 60 times normal speed, and *four times* to reverse at 300 times normal speed. The on-screen bar shows how far you've gone.



Press the PAUSE button and then press the BACK button to reverse the program in slow motion. Press the BACK button once to reverse the program 1/4 the speed as normal play. Press the BACK button twice to reverse at normal speed.

Press the FWD ("FORWARD") button *once* to forward the program four times as fast as normal play. Press the FWD button *twice* to forward at 15 times normal speed, *three times* to forward at 60 times normal speed, and *four times* to forward at 300 times normal speed. The on-screen bar shows how far you've gone.



**Tip:** Auto recording is what happens automatically while you're watching a program. It includes features like Pause, Back, Forward and Skip Forward. On-demand recording is what you use with programs you've already recorded.

Press the PAUSE button and then press the FWD button to forward the program in slow motion. When you press the FWD button once the program advances at 1/15 the speed of normal play. Press the FWD button twice to forward at 1/4 as fast as normal play. Press the FWD button three times to play the program.

**Note:** Of course, you *can't* “forward” into the part of a “live” program that hasn't been broadcast yet.

Press the PLAY button to watch the program. Also, press this button to switch from pause, forward, or reverse to play.



Press the SKIP BACK button to skip back about ten seconds in a recorded program. Press this button *again* to skip back again.



Press the PAUSE button and then press the skip back button to reverse the recording one frame at a time.

Press the SKIP AHEAD button to skip ahead about 30 seconds in the program. Press this button again to skip ahead again.



Press the PAUSE button and then press SKIP AHEAD to advance the recording one frame at time.

**Note:** Of course, you can't “forward” into the part of a “live” program that hasn't been broadcast yet.

Press the VIEW button to catch up with the program as it's showing now.



### Use On-Demand Recording

Turn the receiver on and tune it to a channel.

**Note:** If you record a locked program while you have the receiver locked, you'll have to enter the password to play back that program.

#### Start Recording a Program

- At a program's start, press the remote control's RECORD button.  
*If you've watched a program from its start, up to about one hour after it's started, you can reverse to its start:*



1. Press the BACK button.
2. Let the program reverse to its start.
3. Press the RECORD button.  
You'll get *all* of the program on your recording.



**Note:** If you don't tune to a program until *after* it starts, you can record *only* the part of the program that comes *after* you tune to it.



### Stop Recording a Program

- Press the remote control's STOP button.



When you press the RECORD button, *you* control how long the receiver records. The receiver *won't* stop recording too soon. This also means *you must* remember to stop the recording! You can use an *Event Timer* to start and stop the recording:



- Use *Quick Record* to set a one-time DVR event timer for a future program. Please see page 50.
- Set an *automatic* DVR event timer to record a future program that comes on each day or each week. Please see page 51.
- Set a *manual* DVR event timer to make a future recording with start and stop times you set. This lets you record part of a program or a block of several programs, one after the other. See page 52.

### Use the DVR Recorded Events Menu

Press the DVR button to open the **DishDVR Recorded Events** menu.



- “Events” are recorded programs or other recordings you make.
- If you hide adult channels and lock the receiver, this menu doesn't list any adult programs by name.
- To review programs you record *only* with the DishDVR features, use this menu. To see *all* event timers, *including* DishDVR timers, use the **Event Timer Management** menu.

The **DishDVR Recorded Events** menu shows you:

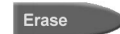
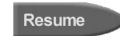
- A list of recorded events that includes the one you're recording now, if any.  
**Note:** You can sort events either by date or the name of the event.
- Approximately how much time you can still record. We call this the “time left.”  
**Note:** The receiver needs more room to record programs with more action. So, the “time left” *isn't* exact.
- **If you select any one of the events on the DishDVR Recorded Events menu** (even an event you're recording), you open an **information menu** for that event.

**Note:** This is just an example of the information menu. The information menu shows *only* the options for the event you select. For a different event, you'll see different options. You'll see some (not all) of the options we list below. You won't see an option to start recording; to do that, you must press the remote control RECORD button or set an event timer.

**Note:** If you record a locked program while you have the receiver locked, you'll have to enter the password to play back that program.

**Tip: Press DVR on the remote to see a list of the events you've recorded. To view one of these events, just Select it. You can then Start the recording, Start Over, Stop or Resume play.**

- Select the **Start** option to play back the event from its start.
  - Select the **Start Over** option to play back the event from its start.
  - Select the **Stop** option to stop play back and go back to the event's information menu.
  - Select the **Resume** option to play back the event from where you stopped it before, if ever.
  - Select the **Protect** option to "protect" the event. The receiver will ask you *before* it records over the event.
  - Select the **Unprotect** option to "unprotect" the event.
- Note:** To unprotect an event or to erase a protected event when you've locked the receiver, you *must* enter the password.
- Select the **Erase** option to erase the event.
  - Select the **View** option to go back to the last satellite TV channel you watched. If you're recording an event, the receiver tunes to that event's channel.
  - Select the **Cancel** option to go back to the **DishDVR Recorded Events** menu.



### While Playing Back or Recording an Event

- Press the **PAUSE** button to pause the play back. Press this button *again* to go on with the play back.
  - Press the **BACK** button *once* to reverse the program four times as fast as normal play. Press the **BACK** button *twice* to reverse at 15 times normal speed, *three times* to reverse at 60 times normal speed, and *four times* to reverse at 300 times normal speed.
  - Press the **PAUSE** button and then press the **BACK** button to reverse the program in slow motion. Press the **BACK** button once to reverse the program 1/4 the speed as normal play. Press the **BACK** button twice to reverse at normal speed.
  - Press the **FWD** ("FORWARD") button *once* to forward the program four times as fast as normal play. Press the **FWD** button *twice* to forward at 15 times normal speed, *three times* to forward at 60 times normal speed, and *four times* to forward at 300 times normal speed.
  - Press the **PAUSE** button and then press the **FWD** button to forward the program in slow motion. When you press the **FWD** button once the program advances at 1/15 the speed of normal play. Press the **FWD** button twice to forward at 1/4 as fast as normal play. Press the **FWD** button three times to play the program.
- Note:** Of course, you can watch *any* part of an event you've already recorded.



- Press the **PLAY** button to play back or go on with a paused play back. Also, press this button to switch from fast forward or reverse back to normal play back.
- Press the **SKIP BACK** button to skip back about ten seconds in the event. Press this button *again* to skip back again.
- Press the **PAUSE** button and then press the **SKIP BACK** button to reverse the recording one frame at a time.
- Press the **SKIP AHEAD** button to skip ahead about 30 seconds in the event. Press this button *again* to skip ahead again.
- Press the **PAUSE** button and then press the **SKIP AHEAD** button to advance the recording one frame at a time.
- Press the **STOP** button to stop play back.

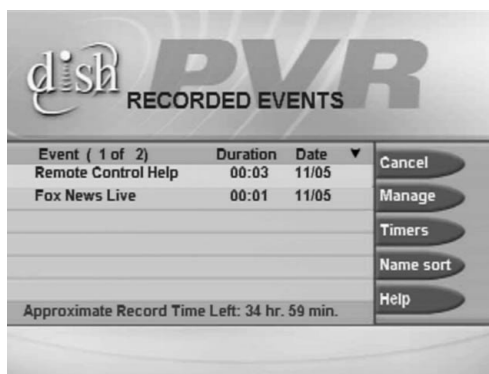


### Play Back a Recorded Event and Record Another Event

1. Set up the receiver to make an on-demand recording.

**Note:** You can press the **RECORD** button or you can use any kind of event timer *except* a VCR event timer.

2. Press the **DVR** button. This opens the **DVR Recorded Events** menu.



3. Select an event on the **DishDVR Recorded Events** menu (*not* the one you're recording). This opens an information menu for that event.
4. Select the **Start**, **Start Over**, or **Resume** option to play back the event.

**Tip: With the DishDVR receiver, you can even watch one recorded event while recording another at the same time!**

#### More About the DVR Features

##### Auto Recording

- *Whenever* you turn the receiver on, it's auto recording.
- With auto record, you can record up to *about* an hour of a program. This total recording time applies to auto recording only.
- The receiver needs more room to record programs with more action. So, the total recording time *isn't* exact.
- After *about* an hour, the receiver starts to *record over* its oldest audio and video to have room for new audio and video.
- If one program ends and the next one starts on the *same* channel, the receiver continues to record the next program.
- If you *change* the channel, you *erase* the recorded audio and video, and start recording the new channel.

##### On-Demand Recording

- On-demand recording works *only* when you set it up.
- The receiver *must* have enough room to record:
  - When you make a one-time DishDVR recording, you can set the receiver to ask you *before* it records over what you record. This is how you "protect" a recorded event.
  - If the receiver needs room to record a new event, it'll *record over* the oldest "unprotected" recorded event(s) to make room.
  - If the receiver is out of room, and you don't let it record over any old recorded events, it *won't* be able to record a new event.
  - To free up space on the receiver, you can erase events by opening the **Events Information** menu and selecting the **Erase** option.

##### Auto and On-Demand Record at the Same Time

If you record a live program using the on-demand option, you can use auto recording to pause, go back to play, reverse, skip back through, fast forward, or skip ahead through the *same* program at the *same* time.

## Copy Recordings to Videotape



You may want to keep a videotape copy of a recording you made on the DishDVR. Or, if the receiver is out of room, maybe you'll want to move recordings to a videotape to store them.



Many satellite TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

You will *not* be able to play back events with full digital audio and video quality from a videotape.

### Here's what to do:

1. Connect the receiver's back panel audio/video outputs to the VCR's audio/video inputs.
2. Put a rewind tape into the VCR.
3. Turn the VCR on.
4. Press the remote control DVR button. This opens the **DishDVR Recorded Events** menu. 
5. Select an event on the **DishDVR Recorded Events** menu. This opens an information menu for that event.
6. Start the VCR to record onto the tape.
7. On the event's information menu, select the **Start** option. The receiver begins to play back the event. 
8. When the play back is done, **either**: Select another event to copy, **or**: If you don't have another copy to make, stop the VCR.

**Tip:** If you want to "archive" an event to save it for a long time, you can move it from the receiver to a VCR.

## Control Other Devices with the Remote

---

This section describes how to use the remote to control a TV, a VCR, or other devices. For information on how to use the remote to control the receiver, see *Remote Control* on page 20. You can set up the remote to control the satellite TV receiver and up three other devices. These devices can be a TV, a VCR or DVD player, and a third device.

### Remote Control Modes

You can set the remote to four different modes to control the receiver or other devices.

You *must* set up the remote to control a device like a TV or a VCR. See *Set Up the Remote to Control Other Devices*, below.

Use the remote control's mode buttons, SAT (satellite receiver), TV, VCR (for a VCR or a DVD player), and AUX ("auxiliary," for a cable TV box, a tuner, or an audio amplifier) to *set* the remote to the right mode for the device. To *change* the mode, press the button for the device you want the remote to control. The mode button lights for two seconds to show you've set the remote to that mode.



### Limited Mode

You can program your remote control in limited mode to keep from accidentally changing the channel on your TV or VCR. When you use the remote to control your TV in limited mode, you will only be able to use the POWER, MUTE, and VOLUME buttons. Also, when you use the remote to control your VCR in limited mode, you will only be able to use the POWER and VCR tape control buttons.

The section *Set Up the Remote Control* has a step that tells the remote control to go into limited mode.

**Note:** Limited mode is not used with cable boxes or amplifiers.

### Set Up the Remote to Control Other Devices

Over the next few pages we tell you how to use the remote to control a TV, a VCR, a cable TV box, a tuner, or an amplifier.



When you get the remote it's already set up to control the receiver. But, you *must* set up the remote to control the TV *before* you can control the TV's POWER, MUTE, and VOLUME buttons.

To use the remote to control other devices, you must first program it to control these other devices. You can do this by either following the instruction in *Set Up the Remote Control* below, or *Scan for Device Codes* procedure described on page 70.

### Set Up the Remote Control

You can set up the remote to control other devices using the device codes listed on page 120.

1. Turn the device on. Use the device's front panel buttons or its remote control.
2. Find the brand name of the device in the tables starting on page 120. If the brand isn't listed, see *Scan for Device Codes* on page 70.
3. Press and hold the mode button until all the other mode buttons light up, and then let go of the button. For example, hold the TV mode button for a TV until all of the other mode buttons light. When you let go, the TV mode light will flash.  
The mode button flashes.
4. *For AUX mode only.* Press 0 for a second TV, or 1 for a second VCR, or 2 for a tuner, amplifier, or cable box. This step is for programming which kind of device that should be programmed in AUX mode. If you're not programming in AUX mode, skip to step 5.
5. Enter one of the three-digit device codes from the table using the number buttons. The three-digit device code should be for the brand name of your device that you found in step 2.
6. If you want to program limited mode, press 1. If not, skip to step 7. See *Limited Mode* for more information.
7. Press the POUND (#) button. If you entered the code correctly, the mode button flashes three times.
8. Press the blank POWER button to turn off the device. If the device does not turn off, go to step 10. If the code works, the device should turn off.
9. Turn the device back on and try some other buttons to make sure they work. If the code works for other buttons, stop here. Sometimes the blank POWER button works when other buttons don't.
10. If the code doesn't work, redo steps 3 through 9 with another device code from the tables. Try every code listed for you brand until one works for your device.
11. If you can't find a code that works try, *Scan for Device Codes* below.

**Tip: The receiver deletes one-time event timers right after they work. You must delete all other types of timers yourself.**

### Scan for Device Codes

If the code for your device is not listed in the tables starting on page 120, use this procedure to scan the remote control's memory for the device code.

1. Turn the device on.  
Use the device's front panel buttons or its remote control.
2. Press and hold the mode button until all the other mode buttons light up, and then let go of the button.  
For example, hold the TV mode button for a TV until all of the other mode buttons light. When you let go, the TV mode light will flash.  
The mode button flashes.
3. *For AUX mode only.* Press 0 for a second TV, or 1 for a second VCR, or 2 for a tuner, amplifier, or cable box. Then press the STAR (\*) button.  
This step is for programming which kind of device that should be programmed in AUX mode. If you're not programming in AUX mode, skip to step 4.
4. Press the blank POWER button.  
This puts your remote in the scan mode.
5. Press the UP or DOWN ARROW button repeatedly until the device turns off.  
As you press the UP or DOWN ARROW button, the remote is trying each code in the memory to see if it can turn off your device. When the device turns off, you have found a code that might work.  
**Note:** The mode button for the device will flash rapidly eight times when you've scanned all the codes for that device.
6. Press the Pound (#) button.  
This stores the code you found.
7. Turn the device back on and try some other buttons to make sure they work.  
Press the blank POWER button to turn the device back on. Try some other buttons to make sure they work. Sometimes, the blank POWER button works when other buttons don't.
8. Repeat this procedure until you've tried all the codes.  
You may need to repeat the scan to find the best code for your device.

### Check the Device Codes

You can find out what device code you've set for each remote control mode.

1. Press and hold the mode button until all the other mode buttons light up, and then let go of the button.

The mode button flashes.

For example, hold the TV mode button for a TV until all of the other mode buttons light. When you let go, the TV mode light will flash.
2. Press the Pound (#) button twice.

Watch the mode light to determine your code. The mode button flashes the number for each digit of the device code, with a pause between the groups of flashes. A quick flash is for zero.

For example, if the code is 570, the mode button flashes five times, pauses, flashes seven times, pauses, and flashes once quickly.
3. For AUX mode only. The first group of flashes tells you what the AUX mode controls. A quick flash (zero) before the three-digit code is for a TV; one regular flash is for a VCR; and two flashes is for a tuner, amplifier, or cable box.

For example, if the TV code is 570, the AUX mode button flashes once quickly (indicating 0 for TV), pauses, flashes five times, pauses, flashes seven times, pauses, and flashes once quickly.

### Remote Control Buttons

#### Control the Receiver



When you get the remote it's *already* set up to control the receiver. But, you *must* set up the remote to control the TV *before* you can use the MUTE and VOLUME buttons.

For information on the remote buttons that control the receiver, please see *Remote Control* on page 20.

#### Control a TV (or a Second TV)



*Only* the buttons described here control a TV. Some of the buttons described here may *not* control your TV. Please see your TV user's manual for information about the TV's features.

#### TV Mode Button



You *must first* set up the remote to control the TV. Please see *Set Up the Remote to Control Other Devices*, beginning on page 68. Then, you *must* press the TV mode button to set the remote to TV mode. The TV mode button lights for two seconds to show you've set the remote to TV mode. Make sure you keep the remote in TV mode to use the buttons described here.

**Note:** You can set up the remote to control a second TV in AUX mode, the same way it controls the first TV in TV mode. See *Set Up the Remote to Control Devices* beginning on page 68.

#### TV/Video Button

TV/VIDEO

If the TV has video input options, use this button to switch the TV video input.



#### Power Buttons

Press either POWER button to turn the TV on or off.

**Note:** If you set up the remote to control one TV in TV mode and an additional TV in AUX mode, pressing the TV POWER button controls only the TV you set up in TV mode.



#### Mute Button

Press this button to turn the TV sound on or off.

MUTE



#### Volume Button

Press this button to raise (+) or lower (-) the TV sound volume.

VOLUME

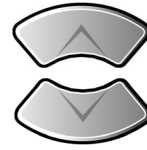


**Tip:** If you set up the remote to control a TV, the TV POWER, MUTE, and VOLUME buttons will control the TV volume when you're in most other modes.

### Up/Down Arrow Buttons

Use these buttons to change channels on the TV.

**Note:** These buttons do not change the channels on the TV if the remote control is in limited mode.



### Select Button

The SELECT button works as the ENTER button for a TV.



### Recall Button

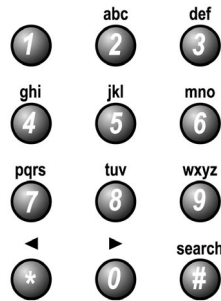
Press this button to go back to the last TV channel you watched. Press it again to switch between the last two TV channels you watched.



### Number Buttons

Use these buttons to directly enter a different channel.

**Note:** These buttons do not change the channels on the TV if the remote control is in limited mode.



### Control a VCR (or a Second VCR or a DVD Player)



*Only* the buttons described here control a VCR or DVD player. Some of the buttons described here may *not* control your VCR or DVD player. See the user's manual that came with your VCR or DVD player for information about the features.

### VCR Mode Button



You *must first* set up the remote to control the VCR. See *Set Up the Remote to Control Devices*, beginning on page 68. Then, you *must* press the VCR mode button to set the remote to VCR mode. The VCR mode button lights for two seconds to show you've set the remote to VCR mode. Make sure you keep the remote in VCR mode to use the buttons described here.

**Note:** You can set up the remote to control a second VCR in AUX mode, the same way it controls the first VCR in VCR mode. See *Set Up the Remote to Control Devices* beginning on page 68.

**Note:** You *must* set the remote to VCR mode to set it up to control a DVD player. Once you do this, you *must* set the remote to VCR mode to control a DVD player.

### TV/Video Button

Use this button to switch the VCR between its TV mode and its VCR mode (see your VCR user's manual for information).

TV/VIDEO



### Power Button

Press the blank Power button to turn the VCR on or off. Press the TV power button to turn the TV on or off.

POWER



### Mute Button

Press this button to turn the TV sound off or on.

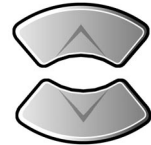
MUTE



### Up/Down Arrow Buttons

Use these buttons to change channels on the VCR.

**Note:** If you are using the remote control in Limited Mode, the TV will not change channels.



### Recall Button

Press this button to go back to the last VCR channel you used. Press it again to switch between the last two VCR channels you used.

RECALL



### VCR Buttons

- Press the **BACK** button to rewind a videotape.
- Press the **PAUSE** button to pause a videotape. Press this button or the **PLAY** button to go back to play the tape.
- Press the **FWD** (“forward”) button to forward a videotape.
- Press the **STOP** button to stop playing or recording on a videotape.
- Press the **RECORD** button to record on a videotape.
- Press the **PLAY** button to play or to go back to play a videotape.



BACK



PAUSE



FWD



STOP



RECORD

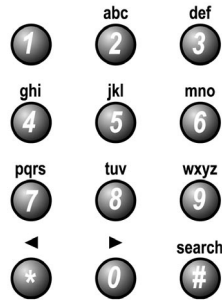


PLAY

### Number Buttons

Use these buttons to enter channel numbers.

**Note:** If you are using the remote control in Limited Mode, the TV will not change channels.



### Control a Cable TV Box



*Only* the buttons described here control a cable TV box. Some of the buttons described here may *not* control your cable TV box. Please see your cable box user's manual for information about the box's features.

### AUX Mode Button



You *must* first set up the remote to control the cable TV box. Please see *Set Up the Remote to Control Devices*, beginning on page 68. Then, you *must* press the AUX mode button to set the remote to AUX mode. The AUX mode button lights for two seconds to show you've set the remote to AUX mode. Make sure you keep the remote in AUX mode to use the buttons described here.

### TV/Video Button



Use this button to switch the cable box between its TV mode and its video mode.

### Power Button

Press the blank POWER button to turn the cable box on or off.



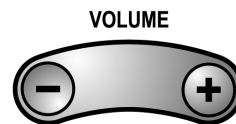
### Mute Button

Press this button to turn on or off the sound from the cable box.



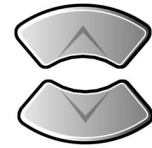
### Volume Button

Press this button to raise (+) or lower (-) the sound volume from the cable box.



### Up/Down Buttons

Use these buttons to change channels on the cable box.



### Select Button

Press the Select button in place of the ENTER button for the cable box.



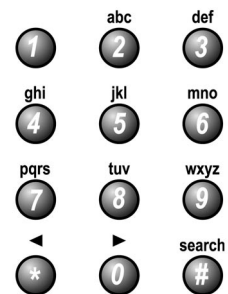
### Recall Button

Press this button to go back to the last cable box channel you used. Press it again to switch between the last two cable box channels you used.



### Number Buttons

Use these buttons to enter channel numbers.



### Control a Tuner or Amplifier



*Only* the buttons described here control a tuner or amplifier. Some of the buttons described here may *not* control your tuner or amplifier. Please see the user's manual that came with your tuner or amplifier for more information.

### AUX Mode Button



You *must* first set up the remote to control the device. See *Set Up the Remote to Control Devices*, beginning on page 68. Then, you *must* press the AUX mode button to set the remote to AUX mode. The AUX mode button flashes once to show you've set the remote to AUX mode. Make sure you keep the remote in AUX mode to use the buttons described here.

### Power Button

Press the blank POWER button to turn the tuner or amplifier on or off. Press the TV power button to turn the TV on or off



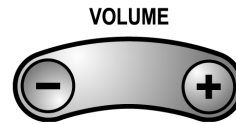
### Mute Button

Press this button to turn the sound off or on.



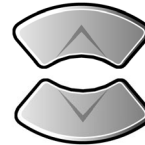
### Volume Button

Press this button to raise (+) or lower (-) the volume.



### Up/Down Arrow Buttons

Use these buttons to change channels on the tuner or amplifier.



### Select Button

This button works as the INPUT SELECT button for the tuner or amplifier.



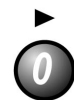
## Other Remote Control Features



### Switch Between TV and AUX Device Volume Control

When you set up the remote to control a TV, the mute and volume buttons control the TV volume. However, if you want to use the AUX mode to control a tuner or amplifier and the device has a volume setting, you can set up the remote to control the device's volume instead of the TV volume.







**To set the remote to control the device's volume:**

1. Press and hold the AUX mode button for three seconds, and then let go of it. The AUX mode button will blink.
2. Press the POUND (#) button.
3. Press the plus (+) side of the VOLUME button.
4. Press the 0 number button.



5. Press the POUND (#) button.  
The AUX mode button flashes three times. 
6. Press the SAT mode button. 
7. Press the plus (+) and minus (-) sides of the VOLUME button.  
The device's volume changes and the AUX mode button lights instead of the TV mode button.

### To set the remote back to control the TV volume:

1. Press and hold the TV mode button for three seconds, and then let go of it. The TV mode button will blink. 
2. Press the POUND (#) button. 
3. Press the plus (+) side of the VOLUME button. 
4. Press the 0 number button. 
5. Press the POUND (#) button.  
The TV mode button flashes three times. 
6. Press the SAT mode button. 
7. Press the plus (+) and minus (-) sides of the VOLUME button.  
The TV's volume changes and the TV mode button lights instead of the AUX mode button.

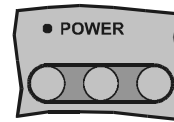
## Upgrade the Receiver Software

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Once in a while, we may upgrade your receiver's software *for free*. You can set up the receiver to *Receive a Software Upgrade* and/or *Set Up the Receiver to Tell You About Upgrades*.

### Receive a Software Upgrade

1. Make sure you turn the receiver off, so its green front panel **POWER** light is off. To do this, press the remote control's blank **POWER** button while the remote control is in **SAT** mode.
2. While the receiver is taking the upgrade, the receiver's front panel **POWER** light will blink. *Don't* disturb or unplug the receiver while the new software is downloading.

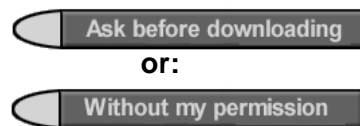


**Note:** The software upgrade may take up to about half an hour.

### Set Up the Receiver to Tell You About Upgrades

You can set up the receiver to tell you when you can get a software upgrade; it'll ask you to let it get the software. Unless you set up the receiver to ask you, automatically download new software without asking.

1. Press the **MENU** button.
2. Select the **System Setup** option.
3. Select the **Installation** option.
4. Select the **System Upgrades** option.
5. Select the **Ask before downloading** option or the **Without my permission** option.



**Note:** A "download" is the same as an upgrade.

6. Select the **Save** option to save your choice.



## Reset the Receiver

---

You can reset the receiver with the setup it had when you bought it.



If you reset the receiver, you *throw away* all Favorites Lists *except All Chan and All Sub*.

If you reset a *locked* receiver, you *keep* the locks. If you reset an *unlocked* receiver, you *throw away* the locks.

If you *lock* the receiver, even resetting it *won't* bypass a lock or unlock the receiver. You *can't* reset the receiver to get rid of a password you forget.

1. Press the MENU button.
2. Select the **System Setup** option.
3. Select the **Installation** option.
4. Select the **Factory Defaults** option (“Factory Defaults” refers to the receiver’s original settings).
5. Select the **Yes** option to confirm the reset.



## Change Program Languages

---

You can choose a language other than English for some programs. Some programs, like movies, show at the start if you can choose another language.

**Note:** You can choose another language for a program but *not* for the menus.

1. Press the MENU button.
2. Select the **System Setup** option.
3. Select the **Alternate Audio** option.



**When you record to a VCR, the VCR records only what you see on the TV screen. If you try to play back a program and record a new program to a VCR at the same time, the VCR will record what you play back, not the new program.**

4. Select a language in the **Languages** list. A check mark shows up in the box next to the language. *For example*, here we selected **Spanish**.



**Note:** If the program is broadcast in a language that isn't listed, select the **Alternate** option to hear that language. If the program is broadcast *only* in the listed languages, select the **Alternate** option to hear English.

5. Select the **Save** option to save your choice.

## Set Up the Accessory Jack

If you connect a multi-dish switch to the ACCESSORY JACK, or if you use an IR extender, you *must* set up the receiver for these options.

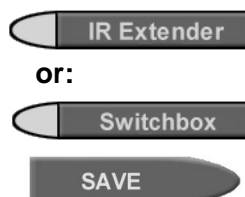
1. Press the MENU button.
2. Select the **System Setup** option.
3. Select the **Accessory Jack** option.
4. Select the **IR Extender** option to use an IR extender. Select the **Switchbox** (multi-dish switch) option if you connect a multi-dish switch to the ACCESSORY JACK.
5. Select the **Save** option.

mno

6

pqrs

7



## Dish Home Interactive TV Applications

Press the DISH button on your remote control to use the **Dish Home Interactive Applications**. You can order channels, check the news and weather, and even play games.



**Notes**

