

# Chapter 3

## Using the System

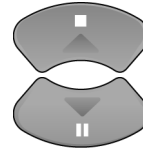
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### CHANGING CHANNELS

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There are three basic ways to change channels while watching a program:

- Press the remote control UP or DOWN ARROW button to get to the desired channel.
- Use the remote control number pad buttons to enter the desired channel number.
- Press the GUIDE button and select a program from the **Program Guide**. See page 22 for more information.



### USING THE MENUS

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Menus displayed on the TV screen make using the receiver and selecting programs quick and easy. Use the menus to control the receiver and to use its features, such as setting locks, choosing a program, or creating a **Favorites List**.

#### OPENING THE MENUS

You can open the menus in either of two ways:

- Press MENU to open the **Main Menu**, then select any of the other menus from the **Main Menu**.
- Use the matching button on the remote control. For example, to open the **Program Guide**, press GUIDE.

#### CLOSING THE MENUS

To close a menu and return to watching a program, press the remote control VIEW TV button, or the remote control CANCEL button.

**Note:** The menu closes if you do not do anything in a menu for several minutes. Any unsaved changes you made will be lost.

#### MENU OPTIONS

A menu option looks like this.



**Tip:** To quickly go to any menu option with a number next to it, just press the numbers on the remote that match that number.

#### HIGHLIGHTING A MENU OPTION

To highlight a menu option, use the remote control **ARROW** buttons to move the on-screen highlight to the menu option. When you do this, the option appears lighter than the other options. The highlight is like the one that you may have seen on a computer screen.

Compare the highlighted menu option with the non-highlighted menu option in the previous example.

1 PROGRAM GUIDE

#### SELECTING A MENU OPTION

*When you select a menu option, that option takes effect right away.* You can select a menu option in either of two ways:

- If the option has a number next to it, press the number on the remote control number pad that matches this number. If you do this, you do not need to highlight the option first.
- Move the highlight to the menu option using the remote control **Arrow** buttons. Then press the remote control **Select** button.

#### LISTS OF CHOICES IN THE MENUS

*When you make a choice in a list, the receiver does not apply the change until you select the **Save** or **OK** option.* If you do not want to save any changes, select the **Cancel** option to discard all the changes made in the menu.

There are two types of lists:

- A *single choice* list allows you to select *only* one choice at a time. If you select another choice, your previous choice is deselected.
- A *multiple choice* list allows you to select more than one choice at one time. If you select another choice, your previous choice(s) stays selected.

#### HIGHLIGHTING A CHOICE IN A MENU LIST

Use the remote control **ARROW** buttons to move the highlight to the desired item in the list. The black arrows on the list show where you can move the highlight.

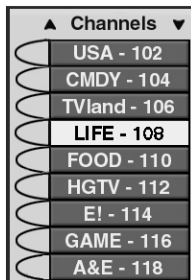
#### SELECTING A CHOICE IN A MENU LIST

To select a choice in a list, highlight the choice and then press the remote control **SELECT** button. Make sure you select the **Save** or **OK** option to save your choice. Select the **Cancel** option to discard your choice.

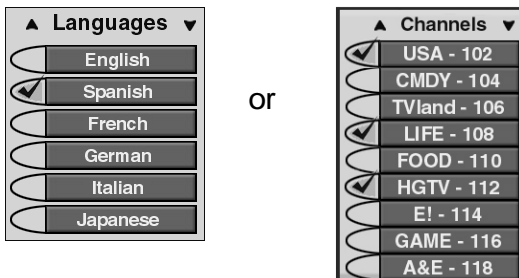
When you highlight a choice in a single choice list, it looks like this. In this *example*, the **Spanish** option is highlighted.



When you highlight a choice in a multiple choice list, it looks like this. In this *example*, the **LIFE - 108** option is highlighted.



When you select a choice in a list, it looks like this:



## CANCELING A PROCEDURE

To cancel a procedure, you *must* press the remote control **CANCEL** or **VIEW TV** button *before* you do the last step of the procedure. If this does not work, you *must* finish the procedure.

**Tip:** You can cancel out of any menu option or the program guide at any time, and *immediately return to viewing a program* by pressing the **VIEW TV** button.

**Tip:** The channel you select may display one of several program information symbols. If the program is on a channel that is not part of your subscription, the channel will be in red.

### USING THE PROGRAM GUIDE

The on-screen **Program Guide** provides a complete listing of the available channels and programs. You can use the **Program Guide** to change channels, to see what programs are scheduled, and to buy pay per view programs. The **Program Guide** shows which **Favorites List** is active.



- The **Program Guide** displays only the channels in the active **Favorites List** (see page 29).
  - **All Chan** - Displays all of the channels in the **Program Guide**.
  - **All Sub** - Displays the channels in your subscription.
  - **Favorites Lists** - You can add four **Favorites Lists** that show only the channels you want to see. For more information on creating Favorites Lists, see page 30.
- This receiver allows you to see the program you are watching in a corner of the **Program Guide**. To do this, open the **Main Menu**. Then, select the **System Setup** option. Finally, select the **Guide Displays** option, select the **Partial Guide With Video** option. If you prefer a bigger guide (with no video displayed), select the **Full Guide Without Video** option, and select the **Save** option. When you first display the inset, there may be a brief delay before a picture appears.
- A *red* background behind a channel shows that you have not subscribed to that channel. You *cannot* tune in to this channel.
- The **Program Guide** shows programs that are on now and that are scheduled up to two days in advance. The guide does *not* show programs that have ended. 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. To do this, open the **Main Menu**. Then, select the **System Setup** option. Finally, select the **Channel Order** option, select the **Ascending** or **Descending** option, and select the **Save** option.
- You can set up the **Program Guide** to hide adult channels. See *Hiding Adult Channels* on page 45.

## OPENING THE PROGRAM GUIDE

There are two ways to open the **Program Guide**:

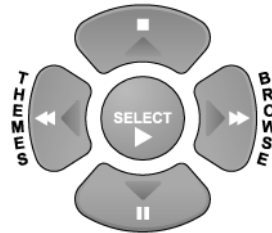
- Press the **GUIDE** button.
- Press the **MENU** button and then select the **Program Guide** option.



## SELECTING A PROGRAM IN THE PROGRAM GUIDE

1. Use the **NUMBER PAD** buttons to enter the desired channel number. The **Program Guide** displays a block of channels including the one that you just entered.
2. Use the **ARROW** buttons to move the highlight to the desired program.

**Note:** You may press the **PAGE UP** or **PAGE DOWN ARROW** button to scan, page by page, through the listing of channels.



3. You may press the **INFO** button for more information about the highlighted program. Press the **CANCEL** button to return to the **Program Guide**.
4. Press the **SELECT** button to change to the new channel.



You may skip the **Program Guide** forward or backward many hours at one time. To do this, enter the number of hours that you want to skip using the **NUMBER PAD** buttons. Then press the **LEFT** or **RIGHT ARROW** button to move back or forward, respectively.

## CLOSING THE PROGRAM GUIDE

To close the **Program Guide** and not change the channel, press the remote control **CANCEL** button. The receiver displays the program you were watching before you opened the **Program Guide**.

**Tip:** The **Program Guide** can display programs scheduled for some time beyond the present, but cannot display programs that have ended.

## USING THE PROGRAM BANNER

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The **Program Banner** provides information about the program you are watching. 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 remote control **VIEW** button.



## USING THE BROWSE BANNER

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**Tip:** You can use the **Browse Banner** to see what other programs are available without leaving the program you are watching.

You can use the **Browse Banner** to change channels, or to see what other programs are available without changing the program that you are watching. The receiver displays information on the program you are watching at the top and **Browse Banner** information at the bottom of the TV screen. Press the **UP** or **DOWN ARROW** to see what programs are playing on the channels above or below the one you are viewing. Information on these programs appears at the bottom of the TV screen.

**Note:** The **Browse Banner** only displays the channels in the active **Favorites List** that is indicated in the **Browse Banner**. For example, if the **All Chan Favorites List** is active, the **Browse Banner** displays all the channels. If the **All Sub** list is active, the **Browse Banner** displays only the channels in your subscription.

If you have set up the **Program Guide** to hide adult channels and the receiver is locked, the **Browse Banner** does *not* display such channels.

To use the **Browse Banner**:

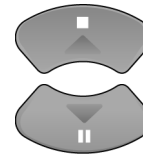
1. Press the remote control **RIGHT ARROW** button to open the **Browse Banner** for the program that you are watching.



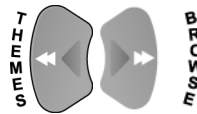


2. Change the channel:

- Enter the channel number for the program that you want, using the NUMBER PAD buttons
- Press the UP or DOWN ARROW button to display the channel that you want.



3. Press the RIGHT ARROW button to display the next program. Press the LEFT ARROW button to return to the current program.



**Note:** The **Browse Banner** displays programs that are on now. If you press the RIGHT ARROW, it will display information on the program that is on next on the same channel. It does not display information for any other programs in the future and cannot display programs that have ended.

4. You may press the INFO button for more information about the program highlighted.



5. Press the SELECT button to change to the highlighted program.



6. To close the **Browse Banner**, press the remote control CANCEL button. The receiver stays tuned to the program you are watching.

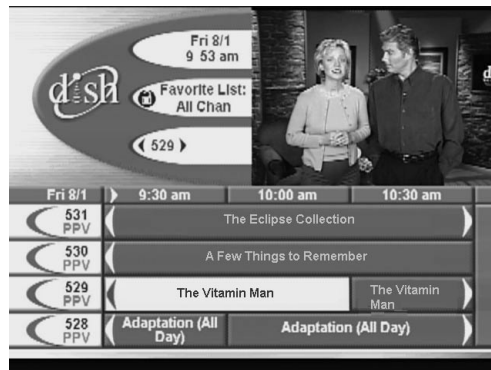


**Tip:** If the program is on some time in the future, the receiver will open the Create An Event Timer menu.

**Tip:** If any lock is in effect that covers the pay per view program, you must enter the password using the **NUMBER PAD** buttons. As soon as you enter the fourth digit of the password, the receiver highlights **OK**.

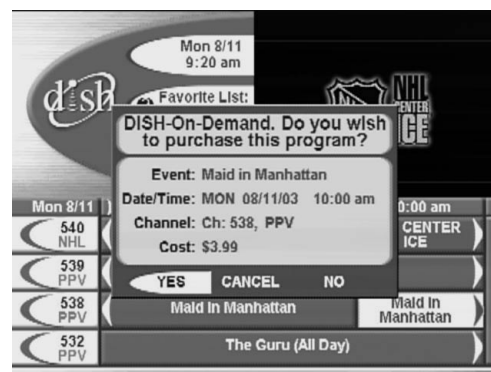
### ORDERING PAY PER VIEW PROGRAMS

1. Highlight the desired pay per view program in the **Program Guide**. The pay per view programs are listed with the channel number as **PPV** in the **Program Guide**.



2. Press the **SELECT** button.
3. To buy the pay per view program, select the **Yes** option. The receiver displays a *confirmation* menu. Go on to step 4.

If you do not want to buy the pay per view program, press the **UP** or **DOWN ARROW** button (if you are watching a program), or select the **No** or **Cancel** option.



At the *confirmation* menu:

4. Select the **Yes** option to *confirm* the purchase. The pay per view fee will be added to your bill.  
Select the **No** or **Cancel** option to *cancel* the purchase.

**Note:** Once you *confirm* an order for a pay per view program, you *cannot* cancel the order and you will be billed for it.

## USING THEMES

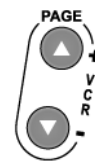
### THEMES

You can list and choose programs by the theme of their contents (for example, just movies or just sports). You can then quickly list programs based on that theme, and choose the program you want.

1. To open the **Themes** menu, press the **LEFT ARROW** button or press **MENU** and then select **Themes**.



2. Move through the Themes menu by using the **UP** or **DOWN ARROWS**. You can also move a page at a time using **PAGE UP** or **PAGE DOWN**.
3. Highlight the desired program in the program list.
4. Press the **SELECT** button to watch the program.



**Note:** If the program you highlighted is on some time in the future, the receiver will open the **Create An Event Timer** menu. See page 31 for information on using timers.

**Tip: Want to see what movies or sports events are available for viewing? Just press the LEFT ARROW button (THEMES button) and use the up/down/left/right arrows to move to the theme that interests you. Press SELECT and you'll see what's playing.**

## USING SEARCH

The **Search** feature of your satellite receiver makes it easy for you to find the programs you want to watch.


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 Fremmel Presents*, enter the first few letters in the title as follows:

Press  three times for an **R**.

Press  twice for a **U**.

Press  once for a **D**.

Press  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 watch and press **SELECT**.
8. If the program occurs in the future, the **Create An Event Timer** menu opens. Select **Create** to record the program. See *Using Timers* on page 31 for more information.

## Dish Home Interactive TV Applications

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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.



## USING FAVORITES LISTS

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**Favorites Lists** allow you to display only your favorite channels in the **Program Guide**. You can create and change the lists yourself, adding and removing channels as you wish. You can have an unlimited number of favorite channels but they must be grouped into no more than four lists.

- When you make a **Favorites List** active, the **Program Guide** displays *only* the channels in that list. Also, the receiver skips channels that are not on the list when you use the remote control **UP** or **DOWN ARROW** button to change channels.
- The **All Chan Favorites List** contains all the channels. You *cannot* make any changes to the **All Chan** list.
- The **All Sub Favorites List** contains all the channels in your subscription. You *cannot* make any changes to the **All Sub** list, except by changing your subscription.
- Each **Favorites List** has a unique color in the **Program Guide**. You can give each list a name. When you first get the receiver, the four lists are named **List 1**, **List 2**, **List 3**, and **List 4**. The lists are empty until you add channels to them.

**Tip:** Favorite lists let you create lists of your favorite channels. Press the **GUIDE** button until the name of your list appears. This way you can quickly see what programs are playing on just those channels and not every channel in your subscription.

### CREATING OR CHANGING A FAVORITES LIST

You can create, add channels to, and remove channels from, a **Favorites List**.

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

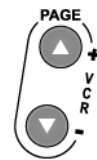


3. Select the **Favorites** List that you want to create or change.
4. Select the **Modify List** option.

**Note:** At any time you can select the **Clear List** option to remove all channels from the current list. This does *not* apply to the **All Chan** and **All Sub**.

5. In the **Channels** list, highlight a channel you want to add to the **Favorites List**.

**Note:** You can use the number pad buttons to enter the channel number, or select the **PAGE UP** or **PAGE DOWN** option to move quickly through the list.



6. Press the **SELECT** button to add the highlighted channel to the **Favorites List**. A check mark appears next to the channel.



7. Repeat steps 5 and 6 until you have added all the channels that you want.
8. To delete a channel from the **Favorites Lists**, select the channel in the list. The check mark next to the channel disappears.
9. Select the **Save** option to save all changes to the **Favorites List**.

## MAKING A FAVORITES LIST ACTIVE

If the **Program Guide** is open, press the **GUIDE** button to select the next **Favorites List**. Press the **GUIDE** button again to scan through all the available lists.

## CHANGING THE NAME OF A FAVORITES LIST

1. Press the **MENU** button.
2. Select the **Favorites** option.
3. Select the **Favorites List** that you want to change.
4. Select the **Edit List Name** option to open the virtual keyboard.



**Note:** You *cannot* change the name of the **All Chan** or **All Sub** list.

5. Select a letter in the keypad area on the screen. Repeat to spell out the desired name. You can enter up to eight characters, including spaces. If needed, select the **space** option to insert a space in the name or the **<back** option to correct a letter.

**Note:** A list *must* have at least one character. Two lists *cannot* have the same name.

**Note:** At any time, you can select **Clear** to clear the name.

6. Select **Save**.

## USING TIMERS

Event timers allow you to set up the receiver to automatically change to a channel and send a signal to a VCR to record a future “event,” *that is*, a program. You can set an *automatic* event timer for a program listed with start and stop times in the **Program Guide**. A *manual* event timer allows you to set custom start and stop times for a timer.

**Tip:** You can active a Favorites List only if you have added channels to the list. If you have not created any Favorites List, pressing the **GUIDE** button switches the receiver between the All Chan and All Sub.

**Tip:** If you try to make an empty Favorites Lists active, the receiver displays an Error message. You must add at least one channel to this Favorites List before you can make it active.

**Tip:** You can use an Auto-Tune event timer to remind you that a program is about to start and then automatically tune the receiver to the right channel.

#### EVENT TIMER TYPES

**Reminder** Reminds you that a program is about to start.

**Auto-Tune** Reminds you that a program is about to start; tunes the receiver to the program when it begins.

**VCR** Reminds you that a program is about to start; tunes the receiver to the program when it begins; starts a VCR to record the program.

**Note:** To record with a VCR you must first set up the receiver to control the VCR. See page 38 for instructions.

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

#### EVENT TIMER FREQUENCIES

**Once** Applies to a one-time program. If the program time changes, this timer operates at the *new* time. The receiver *deletes* this timer when the timer operates.

**Mon.-Fri.** - Applies to a program that is scheduled for Monday through Friday on the same channel at the same time each day.

**Daily** - Applies to a program that is scheduled for Monday through Sunday on the same channel at the same time each day.

**Weekly** - Applies to a program that is scheduled for once a week on the same channel at the same time on the same day.

**Note:** You can record only the program to which the receiver is tuned. If you open any menu (including the **Program Guide**) while recording a program on videotape, the menu also will be recorded. If a program time changes by more than 24 hours, the timer will not operate.

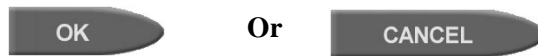
#### BEFORE AN EVENT TIMER OPERATES

Five minutes before an event timer operates, the receiver displays a small blinking “clock” symbol on the TV screen. This symbol disappears when the program begins. While the symbol is displayed, you may do either one of the following.

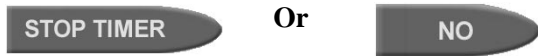
- Press the remote control **CANCEL** button to clear the symbol from the TV screen. This does *not* affect the timer; it *will* operate.
- Press the remote control **INFO** button to see more information on the event timer. If you do this, you will have the following choices:



Select the **OK** or **Cancel** option to continue with the event timer.



Select the **Stop Timer** or **No** option to stop the event timer.



**Note:** This stops *only* this instance of a *Mon.-Fri.*, *Daily* or *Weekly* timer. The timer *will* operate the next time it is scheduled. To stop all operations of such a timer, you *must* delete the timer. For a *Reminder Event Timer*, instead of having the option to stop the timer, you have the option to tune to the program.

### SETTING UP AN AUTOMATIC EVENT TIMER



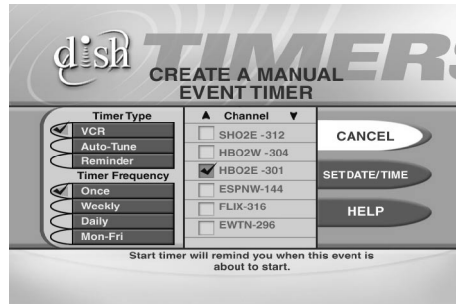
1. Select a future program using the **Browse Banner**, **Themes Menu** or the **Program Guide**.
2. Select a **Timer Type** option.
3. Select a **Timer Frequency** option. Notice that a check mark displays in the box.
4. Select the **Create** option to save the event timer.



5. The receiver displays a timer symbol in the **Program Guide**, and also when you press the **INFO** button to get information about the program.

**Tip:** You may start any timer one minute early. But if you set back-to-back event timers and the second one starts early, the first one will end early. An event timer cannot start early for a pay per view program. If you try to set a timer for overlapping events, you will get an error message.

### SETTING UP A MANUAL EVENT TIMER



**Tip:** Use the Program Guide or your printed television guide to see when the program(s) starts and stops — before you go to the Set Date/Time for Manual Timer menu.

1. Press the MENU button.
2. Select the **Timers** option.
3. Select the **Create** option. The receiver displays the **Create a Manual Event Timer** menu.
4. Select a **Timer Type** option.
5. Select a **Timer Frequency** option.

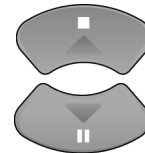
MENU



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6. Select a channel:
  - Highlight a channel using the UP or DOWN ARROW button. Then, press the SELECT button.
  - Enter a channel number using the number buttons.



7. Select the **Set Date/Time** option. The receiver displays the **Set Date/Time for Manual Timer** menu.

SET DATE/TIME

8. Use the NUMBER PAD buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time** (this includes selecting **AM** or **PM**).

SET DATE/TIME

9. Use the NUMBER PAD buttons to enter the **Date**.
10. Select the **Create Timer** option.
11. To create another event timer select the **Create** option again.

CREATE

**Note:** You cannot set a manual event timer for a pay per view event.

## QUICK RECORD

You can quickly create a one-time *VCR Event Timer*. Do the following.

1. Highlight a future program in the **Browse Banner**, the **Program Guide** or a **Themes** menu.
2. Press the RECORD button.
3. The receiver displays the **Create an Event Timer** menu.



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

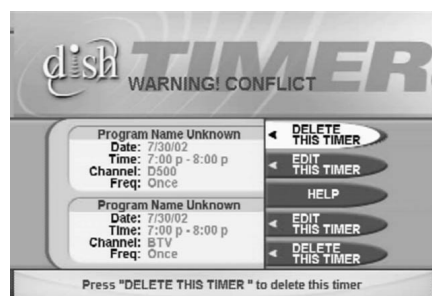


5. Select the **Yes** option.



## OVERLAPPING EVENT TIMERS

If you try to create event timers for overlapping programs, the receiver displays a menu with the dates and times of both programs. The receiver also displays this menu if a program time has changed, causing one timer to overlap another. You *must* delete *or* edit one of the timers.



## MAXIMUM NUMBER OF EVENT TIMERS

You can create a limited number of event timers. If you try to create more, the receiver displays a menu giving you the option to delete an existing timer. If you do not delete an existing timer, you will *not* be able to create any new ones.

**Tip:** For this record function to work, you must set up the receiver to control your VCR. See page 38 for more information.

**Tip:** The receiver deletes **Once** event timers when they operate. You must delete all other types of event timers yourself.

### EDITING AN EVENT TIMER

- You can edit almost any feature of an event timer.
- You can edit both *automatic* and *manual* event timers.
- Editing an *automatic* event timer *converts* the timer to a *manual* event timer that operates at the times you set, *not* the actual program times.

1. Press the **Menu** button.



2. Select the **Timers** option.



3. The receiver displays the **Event Timer Management** menu.



4. Select the event timer that you want to edit. A check mark appears in the box next to the event timer. Select the **Edit** option.

EDIT

5. You may change the **Timer Type**, **Timer Frequency**, or **Channel**. To do this, select each option that you want.

6. If you want to change the **Start Time**, the **End Time**, or the **Date**, select the **Set Date/Time** option to display the **Set Date/Time for Manual Timer** menu. Otherwise, skip to step 9, below.

SET DATE/TIME

7. Use the **NUMBER PAD** buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time** (this includes selecting **AM** or **PM**).

8. Use the **NUMBER PAD** buttons to enter the **Date**.

9. Select the **Create Timer** option.

CREATE TIMER

10. To edit another event timer,

**Either:** Highlight that timer and select the **Edit** option again.

**Or:** If you do not want to edit another event timer, press the **CANCEL** button.

**Tip: Remember that editing an automatic event timer converts the timer to a manual event timer. This is why the receiver displays the Edit a Manual Event Timer menu.**

**DELETING AN EVENT TIMER**

1. Press the MENU button.
2. Select the **Timers** option.
3. The receiver displays the **Event Timer Management** menu.

MENU



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4. Select an event timer that you want to delete. A check mark appears in the box next to the event timer.
5. Move to **Delete** and press SELECT on the remote.



Do this again for any other timer(s) that you want to delete.

**REVIEWING EVENT TIMERS**

You can review event timers by using the **Event Timer Management** menu.

1. Press the MENU button.
2. Select the **Timers** option.
3. The receiver displays the **Event Timer Management** menu.

MENU



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#### Creating VCR Event Timers

To use *VCR Event Timers*, you *must* connect the receiver's back panel audio/video outputs to the audio/video inputs on the VCR.

To use *VCR Event Timers*, you *must* set up the receiver to control the VCR. 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.

#### LOCKS, BLACKED-OUT PROGRAMS, AND EVENT TIMERS

You *must* enter the receiver password *before* you can create an automatic event timer for a locked program, and you must order a pay per view program *before* you can create a timer for it. You can create a manual event timer for a locked program *without* entering the password. However, if you do this, or if the program is blacked out in your area, when the event timer operates the receiver may display *only* an error or password entry menu. If you have set a *VCR Event Timer*, the VCR will record *only* that menu.

#### POWER OFF AND EVENT TIMERS

If the receiver is OFF at the time an *Auto-Tune* or *VCR Event Timer* is scheduled to operate, the receiver will turn ON. Once the event has ended, the receiver will turn OFF, unless you pressed any remote control or receiver front panel buttons during the time that the timer was active.

If the receiver is OFF at the time a *Reminder Event Timer* is scheduled to operate, the timer will turn the receiver ON and tune it to the channel you last watched. The receiver will then display the reminder menu. You will have a few seconds to respond. If you do not respond to the reminder menu, the receiver will turn OFF.



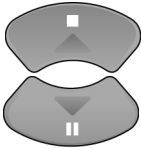

#### SETTING UP THE RECEIVER AND VCR TO USE A VCR EVENT TIMER

The receiver uses an IR signal to control the VCR. This signal is much stronger than the signal the remote uses, so it can bounce off walls or other objects on its way to the VCR. This works in most home setups. However, shelves or smoked glass doors between the receiver and the VCR may block the signal. Also, if the signal must cross a very large room, or bounce off curtains, it may not be strong enough to control the VCR. Make sure that nothing blocks the signal, and that the signal can bounce off relatively nearby, light-colored, smooth surfaces.

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



**Tip:** For information on programming the remote, please turn to the section titled *Control Other Devices with the Remote* that begins on page 50.

3. Select the **Installation** option. 
4. Select the **VCR Setup** option. 
5. Find the brand name of the VCR in the table on page 93.
6. Set the code for the VCR using one of the following:
  - Enter the first 3-digit code number from the table using the **NUMBER PAD** buttons.
  - Highlight each digit of the first VCR code, and then press the **UP** or **DOWN ARROW** button until you reach the correct number and then press **SELECT**. 
7. Make sure the VCR is turned **ON** and the switch is set to 3 or 4 (whichever you use). Insert a rewind tape on which you want to record. The receiver starts the VCR recording, but does not turn **ON** the VCR, so you must do this yourself.
8. To test the new code, highlight the **Test** option. The receiver displays a message warning you to make sure the VCR is turned **ON**.
9. Press the **SELECT** button to start the test. Your VCR records for a few seconds, stops, and then rewinds. The receiver displays a message saying that your VCR test is complete. Follow the instructions on the message. 
10. If your VCR did not complete the test, enter another code from the table, and then repeat steps 5 through 8.
11. Once you have found the correct VCR code select the **Save** option to save the VCR code you entered and return to the **Installation and Setup** menu.

## USING LOCKS

---



First you set the locks; then you lock the receiver. You must lock the receiver in order to put any locks into effect. If you unlock the receiver, leave the locks unchanged, and then lock the receiver again, the same locks will be in effect as before.

### HOW TO SET LOCKS: A TWO STEP PROCESS

1. Create the locks that you want.
2. Lock the receiver.

Once the receiver is locked, anyone who wants to access locked items *must* enter the password.

### WHEN YOU HAVE LOCKED THE RECEIVER

If you try to access a locked item or open the **Parental and System Locks** menu, the receiver displays a message prompting you to enter the password.

The receiver allows you three tries to enter the correct password. If you fail to enter the correct password, the receiver does not allow more tries for several minutes.

If you enter the correct password, you can access the locked item or open the **Parental and System Locks** menu.

If you exit a locked item or close the **Parental and System Locks** menu, you *must* enter the password again to access the item or open the menu again.



If you forget your password, you will need to call the Customer Service Center. You may need to provide the following information: (1) your name; (2) your address; (3) your telephone number; (4) the receiver serial identification number; and (5) your Personal Identification Number (PIN), if used.

### CREATING A PASSWORD

You must lock the receiver for any receiver **Parental Locks** you set to take effect. To lock the receiver, *you must first create a password*. If you forget your password, you will need to call the Customer Service Center.

To create a password:

1. Press the **MENU** button to display the **Main** menu.



2. Select the **Locks** option to display the **Parental and System Locks** menu.



**Note:** If the receiver displays a message prompting you to enter a password, the receiver has already been locked.

3. Select the **Lock System** option. The receiver displays a message prompting you to enter a password.



**Note:** If this option appears as **Unlock System** instead, the receiver is already locked.

4. Enter and verify a password, using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password.
5. **Memorize your password.** From now on, you must enter this password to lock or unlock the receiver.
6. Highlight and select the **OK** option. Re-enter the password. All the locks you have set are now in effect.

## CREATING OR CHANGING RATING (CONTENT) CODE LOCKS



Please be aware of the following: The locks use the codes that the original program providers assigned to the programs. The actual content of the programs may differ from their assigned ratings. No rating system can guarantee that all objectionable material is screened out. Like all other locks, these locks are only in effect when the receiver is locked. You can lock any program, including pay per view programs. The locks built into some televisions do not apply to satellite programs. Television program ratings differ from movie ratings.

Do the following to set program locks based on rating codes. Then, when the receiver is locked, *only* someone who knows the password can watch these programs.

1. Press the **MENU** button.



2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.



3. Select the **Ratings Locks** option.

Highlight the rating that corresponds to the lowest acceptable audience age. Press the **SELECT** button to lock the highlighted rating.



**Note:** All ratings that are more restrictive than the selected rating are also selected. *For example*, if you lock PG-13 rated programs, then all programs with the R, NC-17, and NR/AO ratings are also locked.

4. Select the expanded rating code(s), if you want to also lock these ratings.
5. To unlock a rating code, highlight the code and press **SELECT**.
6. Select the **Save** option to save the changes.
7. If the receiver is not locked, you must lock it to put the locks you just created into effect.

## CREATING OR CHANGING CHANNEL LOCKS

**Note:** You can lock *any* channel, including pay per view channels.

1. Press the **MENU** button.



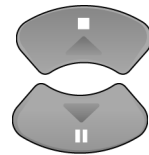
2. Select the **Locks** option.



3. If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button. Select the **Channel Locks** option.



4. Highlight the channel that you want to lock. If necessary, press the **UP** or **DOWN ARROW** button to see the desired channel. You can also enter each channel number using the number pad buttons.



5. Press the **SELECT** button to lock or unlock the highlighted channel. If the checkbox next to the channel has a checkmark, the channel is locked.
6. Select the **Save** option to save the changes.
7. If the receiver is not already locked, you must lock it to put the locks you just created into effect.

### LOCKING THE RECEIVER

1. Press the **MENU** button.



2. Select the **Locks** option.



3. Select the **Lock System** option.

The receiver displays a message prompting you to enter a password.



**Note:** If this option appears as **Unlock System** instead, the receiver is already locked.

4. Enter and check a password, using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. *Memorize your password.* From now on, you *must* enter this password to lock or unlock the receiver.
5. Select the **OK** option. Enter the password again.

## UNLOCKING THE RECEIVER

If you unlock the receiver, leave the locks unchanged and then lock the receiver again, the same locks will be in effect as before.

1. Press the **MENU** button to display the **Main Menu**.



2. Select the **Locks** option.



3. With the receiver locked, you must enter the password using the **NUMBER PAD** buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.
4. Press the **SELECT** button.
5. Select the **Unlock System** option.

**Note:** If this option appears as **Lock System** instead, the receiver is already unlocked.



## LOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

This keeps anyone from changing the channel, but it does *not* lock the remote control buttons.

To lock the receiver front panel buttons, do the following:

1. Press the **MENU** button.



2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.



3. Select the **Front Panel Lock** option.



4. Select the **Yes** option.

5. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

## UNLOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

To unlock the receiver front panel buttons, you must use the remote control.

1. Press the **MENU** button.



2. Select the **Locks** option.



If the receiver is locked, enter the password using the **NUMBER PAD** buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.

3. Select the **Front Panel Lock** option.



4. Select the **Yes** option.

### LOCKING PAY PER VIEW PROGRAMS

This locks all pay per view channels.

You also can lock one or more pay per view channels by using channel locks or rating locks.

1. Press the **MENU** button.



2. Select the **Locks** option.



If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.

3. Select the **Lock PPV** option.



4. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

*To unlock pay per view programs:*

5. Press the **MENU** button.



6. Select the **Locks** option.



If the receiver is locked, enter the password using the **NUMBER PAD** buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.

**Tip:** If this option appears as **Unlock PPV** instead, pay per view programs are already locked.

7. Select the **Unlock PPV** option.

**Note:** When you select this option, you unlock all pay per view channels.



## HIDING ADULT CHANNELS

This keeps the **Program Guide**, **Themes** lists, and the **Browse Banner** from displaying adult channels. It keeps anyone from choosing such channels by using the **UP** or **DOWN ARROW** buttons or the remote control **NUMBER PAD** buttons.

*To hide adult channels:*

1. Press the **MENU** button.



2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.



3. Select the **Hide Adult** option.



4. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

*To un-hide adult channels:*

1. Press the **MENU** button.



2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.



3. Select the **Unhide Adult** option.



## OPENING A LOCKED ITEM, OR OPENING THE LOCKS MENU




1. Select an item that is locked. To open the **Parental and System Locks** menu, select the **Locks** option on the **Main Menu**.
2. The receiver displays an **Attention** message telling you that the item or menu is locked.

**Tip:** If the receiver displays a message prompting you to enter a password, it already has been locked.

**Tip:** If this option appears **Unhide Adult** instead, the adult channels are already hidden.

3. Enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.
4. Press the **SELECT** button.

#### CHANGING THE RECEIVER PASSWORD

1. Press the **MENU** button. 
2. Select the **Locks** option.  
If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. 
3. Press the **SELECT** button.
4. Select the **Change Password** option. 
5. Enter the *current* password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.
6. Press the **SELECT** button.
7. Enter the *new* password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.
8. Select the **OK** option to change the password.
9. Enter the *new* password again, using the **NUMBER PAD** buttons. The receiver displays stars (\*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **SELECT** button.  
**Memorize the new password.** From now on, you *must* enter this password to lock or unlock the receiver.

#### PERSONAL IDENTIFICATION NUMBER

You can set up a Personal Identification Number (PIN) for call-in requests *only*. Anyone calling the Customer Service Center *must* provide this PIN to make any changes to your account. You may call the Customer Service Center at any time to set up a PIN.

If you forget your PIN, you will need to call the Customer Service Center. The representative may ask for more information to make sure that you are authorized to make changes to your account.

## USING 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. To use this feature, make sure you have a phone line connected to the receiver and that the **Caller ID** feature is enabled. After you turn on **Caller ID**, it stays on until you decide to turn it off.

**Note:** For best performance, make sure your system is properly grounded.

### CALLER ID SCREENS

When you receive a call, you will see a **Caller ID** popup screen.



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

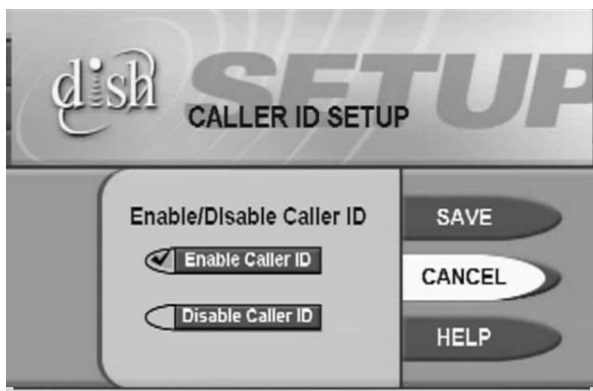
If you are in a menu when a call comes in, you will see a different **Caller ID** popup screen.



### TO TURN THE CALLER ID ON AND OFF

1. Press MENU.
2. Select the **Installation** option
3. Select the **Caller ID** option. The following screen will display.

MENU



4. Highlight **Enable Caller ID** or **Disable Caller ID** and press SELECT
5. Select **Save**.

## RESETTING THE RECEIVER

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Use these instructions if you want to reset the receiver to be the same as when it was shipped.

**Note:** Resetting the receiver discards all Favorite Lists *except* the **All Chan** and **All Sub** lists.

**Note:** If you have set *any* locks on the receiver, and the receiver is locked, these locks will be kept. If the receiver is unlocked, any such locks will be lost. You *cannot* reset the receiver to default settings to discard a password you have forgotten. Only the Customer Service Center can reset the receiver to bypass a receiver lock.

1. Press the MENU button.



2. Select the **System Setup** option.



3. Select the **Installation** option.



4. Select the **Factory Defaults** option. The receiver displays a **Warning** message, prompting you to confirm that you want to reset the receiver.

5. Select the **Yes** option to confirm the reset. The receiver resets, and then displays the **Installation and Setup** menu.

## CHANGING PROGRAM LANGUAGES

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You may be able to change the language of some programs. An alternate language may not be available for all programs. Some programs, such as movies, show at the start whether an alternate language is available. An alternate language applies *only* to the audio part of a program and does *not* change the language used in the menus displayed by the receiver.

1. Press the MENU button.



2. Select the **System Setup** option.



3. Select the **Alternate Audio** option.



4. Select the language you want in the **Languages** list.

**Tip:** You can choose an alternate language (if available) but this applies only to the audio part of a program and does not change the language used in the menus displayed by the receiver.

**Tip:** You program the remote that came with your receiver to control as many as three other devices.

**Note:** **Alternate** provides visually-impaired customers with a visual description of the program.

5. Select **Save** to save your language choice. The receiver displays the **System Setup** menu.
6. Press VIEW TV to exit the **System Setup** menu.

## CONTROL OTHER DEVICES WITH THE REMOTE

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### REMOTE CONTROL MODES

You can set the remote to four different modes to control the receiver or other devices. This section explains how to set up the remote to control a device, such as a satellite TV receiver, a TV, a VCR, a DVD player, a tuner, or an amplifier.

To set the remote to the right mode for a device, use the remote control's mode buttons, **SAT** (satellite receiver), **TV**, **VCR** (for a VCR or a DVD player), and **AUX** ("auxiliary," for a DVD player, or an audio amplifier). To *change* the mode, press the button for the device you want the remote to control. The mode button flashes once 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 CONTROL

You can set up the remote to control other devices using the device codes listed on page 91.

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 91. If the brand isn't listed, see *Scan for Device Codes* on page 52.

3. 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.
4. *For AUX mode only.* Press 0 for a second TV, or 1 for a VCR or DVD player, or 2 for a tuner, or amplifier.  
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 are programming a TV/VCR or TV/DVD combination, repeat step 3 with the remote control in VCR mode.  
If you entered the code correctly, the mode button flashes three times.
8. Press the 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 POWER button works when other buttons don't.
10. If the code doesn't work, redo steps 3 through 8 with another device code from the tables.  
Try every code listed for your brand until one works for your device.
11. If you can't find a code that works try *Scan for Device Codes* below.

#### SCAN FOR DEVICE CODES

If the code for your device is not listed in the tables starting on page 91, 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 VCR or DVD player, or 2 for a tuner, or amplifier. 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 POWER button.  
This puts your remote in the scan mode.
5. Press the either 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 POWER button to turn the device back on. Try some other buttons to make sure they work. Sometimes, the 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 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 or DVD player; and two flashes is for a tuner, or amplifier.

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.

**Tip: This procedure explains how to find out the device code you set for each remote control mode.**

## CONTROL A TV (OR A SECOND TV)

### TV MODE BUTTON

To use the remote to operate a television, then you must press the TV mode button to set the remote to TV mode. The TV mode button's back light turns ON to show that the remote is set to TV mode. Make sure to keep the remote in TV mode to use the buttons as described in this section.



### TV/VIDEO BUTTON

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

TV / VIDEO



### POWER BUTTON

Press the TV POWER button to turn the television ON or OFF.

POWER



### MUTE BUTTON

Press the MUTE button to turn off the sound. Press it again to restore the sound.

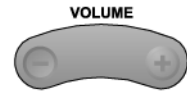
MUTE



**Tip:** To operate another device such as a VCR, you *must first set up the remote to control the VCR*, and then press the VCR mode button on the remote.

### VOLUME BUTTON

Press the minus (-) side of this button to lower the sound volume. Press the plus (+) side of this button to raise the sound volume.



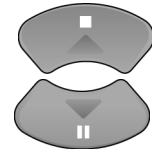
### SELECT BUTTON

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



### UP/DOWN (ARROW) BUTTONS

Use the UP/DOWN ARROW buttons to change channels on the TV.



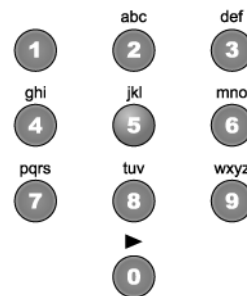
### RECALL BUTTON

Press the RECALL button to return to the last channel you were watching. Press it again to switch between the last two channels that you watched.



### NUMBER BUTTONS

Use the NUMBER buttons to enter numbers in a menu, or to go directly to a new channel.



### CONTROL A VCR OR A DVD PLAYER



Some of the features described below may *not* apply to the device. See your device owner's manual for details about its features. If a remote control button is *not* described in this section, it does *not* work in VCR mode.

### VCR MODE BUTTON



To use the remote to operate a VCR or DVD player, first set up the remote, then press the VCR mode button to set the remote to VCR mode. The VCR mode button's back light turns ON to show that the remote is set to VCR mode. Make sure to keep the remote in VCR mode to use the buttons as described in this section.



You *must* use the remote control's VCR mode to control a DVD player.

### POWER BUTTON

Press the blank POWER button to turn the VCR ON or OFF.



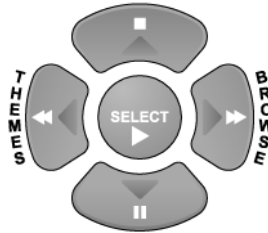
### SELECT BUTTON

Press the SELECT button to play or to resume playing a videotape or DVD.



### UP/DOWN/LEFT/RIGHT (ARROW) BUTTONS

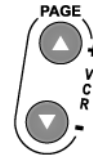
- Press the UP ARROW button to stop a videotape or DVD.
- Press the DOWN ARROW button to pause a videotape or DVD. Press this button or the SELECT button (Play) to restart the videotape or DVD.
- Press the LEFT ARROW button to rewind a videotape or reverse a DVD.
- Press the RIGHT ARROW button to forward a videotape or DVD.



### PAGE UP AND PAGE DOWN BUTTONS

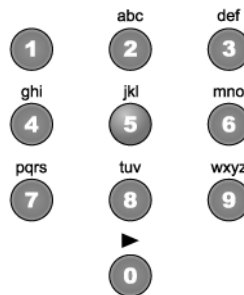
Use the VCR+ and VCR- buttons to change channels on a VCR.

**Note:** These buttons change the off-air channels only.



### NUMBER PAD BUTTONS

Use the NUMBER PAD buttons to enter numbers in a menu.



### TV/VIDEO

For DVD/VCR combinations only. Use the TV/Video button to switch between DVD and VCR functions.



**Tip:** Some of the features described in this section may not work with your cable TV box. If a remote control button is not described in this user guide, it will not work with the device you want to control.

### CONTROL A TUNER OR AMPLIFIER



Some of the features described below may *not* apply to your tuner or amplifier. See the device owner's manual for details about the device's features. If a remote control button is *not* described in this section, it does *not* work for a tuner or amplifier.

#### AUX MODE BUTTON

To use the remote to operate a tuner or amplifier, first set up the remote to control the device, then press the AUX mode button to set the remote to AUX mode. The AUX mode button's backlight turns ON to show that the remote is set to AUX mode. Make sure to keep the remote in AUX mode to use the buttons as described in this section.



#### POWER BUTTON

Press the blank POWER button to turn the tuner or amplifier ON or OFF.



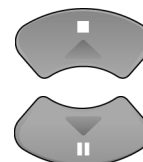
#### SELECT BUTTON

This SELECT button works as the Input Select button for a tuner or amplifier.



#### UP/DOWN (ARROW) BUTTONS

Use UP/DOWN ARROW buttons to change channels on the tuner or amplifier.



#### MUTE BUTTON

Press the MUTE button to turn off the sound. Press it again to restore the sound.

#### VOLUME BUTTON

Press the minus (-) side of this button to lower the sound volume. Press the plus (+) side of this button to raise the sound volume.



**Note:** See *Using TV or Amplifier Volume Control* to set up the remote control to use the MUTE and VOLUME buttons.

## USING TV OR AMPLIFIER VOLUME CONTROL

If you set up the remote to control a television, the MUTE and VOLUME buttons - in *any* mode - control the TV volume. This does *not* apply if you use the AUX mode to control a device that has a volume setting.

***If you want to control a device programmed in the AUX mode that has a volume setting, using any remote mode, do the following:***

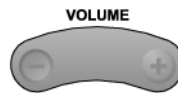
1. Press and hold the AUX mode button for three seconds, then release it.



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 backlight blinks three times.



***To switch back to TV volume control, do the following:***

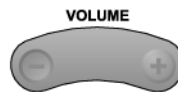
1. Press and hold the TV mode button for three seconds, then release it.



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 backlight blinks three times.



**Tip:** Before you do the telephone test, make sure that an active telephone line is connected to the Telephone Jack on the receiver back panel.

**Tip:** You can get a DSL filter from your Internet Service Provider or a local electronics parts store.

## TESTING THE SYSTEM

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### STARTING A TEST

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

MENU



mno



def



### TELEPHONE CONNECTION TEST

This test checks that the receiver telephone connection is correct. Select the **Connection** option to begin the test. The receiver displays a message asking you to wait until the test is done.

- If the telephone connection is correct, the receiver displays a **Phone Connection OK** message.
- Select the **Dial Out** option so the receiver can make a toll-free call to the Customer Service Center. Press the **SELECT** button to start the call. When the call is done, select the **Cancel** option to exit the test menu.
- If the telephone line is not connected properly, the receiver displays a failure message. Check the telephone connection and then repeat the test.

**Note:** If you have the receiver connected to a DSL (Digital Subscriber Line) phone line, it may cause this test to fail. If so, you will need to install a DSL filter between the receiver and the phone jack on the wall.