Operating Guide

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UDS 200
Digital Satellite System

Digital Satellite System

What is the DSS® System?

Welcome to the high-tech, sophisticated world of digital satellite system television, often just called a DSS® system. This is the ultimate in broadcasting technology, providing a picture and audio quality once only available in laser disc or CDs. There are many advantages to the DSS system like the small dish antenna, digital quality, and hundreds of program choices. And your new UDS 200 also offers you features not commonly found on other receivers.

UDS System Features

❑ StarSight™ Direct Tuning — Tune directly to a desired channel by program title.

❑ One Touch Record — Just press one button to easily set the timer to record or view a program.

❑ Theme Search — Easy theme search by category and sub-category.

❑ 60 Favorite Channels — Program up to 60 favorite channels for instant access.

❑ Information Key — With the touch of a button, display information about the current program or about a program in the guide.

❑ Single Channel Guide — From most guides, you can bring up a list of programs for a desired channel.

❑ Open/Closed Program Guide — Quickly close the program guide into a "channel surf" mode which allows you to see what is currently on a channel.

❑ Parental Lock, Rating, & Spending Limits — Using a password for access, you can lock out unwanted channels or set rating and spending limits.

❑ Universal Remote Control — Your remote control can also control your television, VCR, and cable box, or laser disc player.

❑ Receiver Control Codes — Your remote control can be programmed so that you can have multiple DSS receivers in your home.

❑ S-Video & A/V Outputs — Your receiver has both types of outputs so it can easily be integrated with other home equipment, including home theater equipment.

❑ Wide Band Data Port — This port allows you to connect the DSS system to future services and accessories as they become available. Some additional equipment may be necessary.
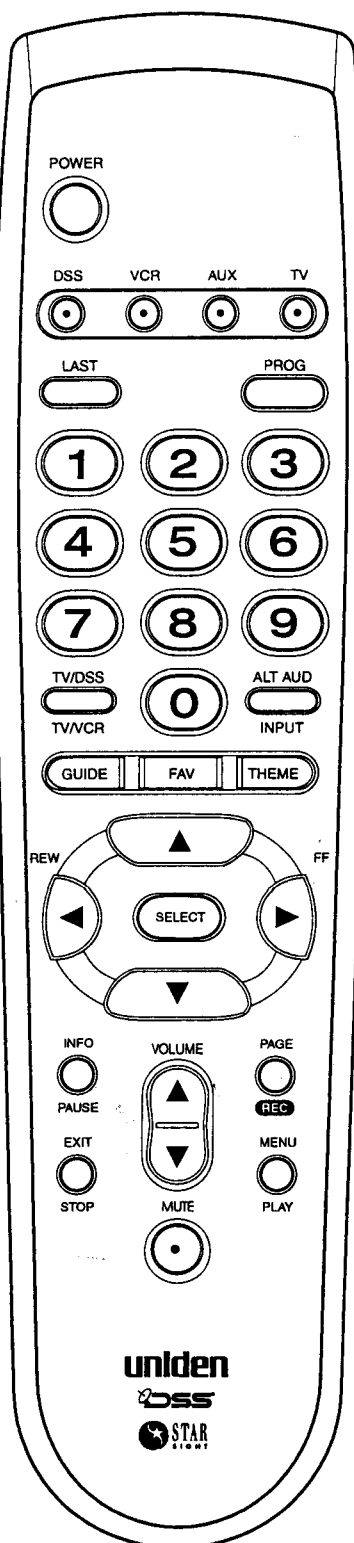
Controls and Functions

Remote Control

POWER Turns a selected device on/off.

DSS Select this mode to control your satellite receiver.

VCR Select this mode to control your VCR.

AUX Select this mode to control an auxiliary device such as a cable box, second VCR, or second TV.

TV Select this mode to control your TV.

PROG Use to enter the remote codes for TV, VCR, and AUX devices.

LAST Switches to the previous channel, or changes between channel numbers and channel letters when a guide is displayed.

DIGIT KEYS (0-9) Use to enter numbers such as channels or passwords.

TV/DSS (TV/VCR) Switches the TV output between DSS and TV, and, while in VCR mode, switches between the VCR and TV.

ALT AUD (INPUT) Changes to alternate audio in DSS mode, or selects TV input in TV mode.

GUIDE Displays the Program Guide.

THEME Displays the Themes List for selecting programs from specific categories.

FAV Displays the Favorite List for quickly selecting your favorite channels.

ARROW KEYS Changes channels in normal viewing, or moves the cursor while in the program guides or menus.

SELECT Confirms menu choices, stores screen or program changes you've made, and advances to other options or screens.

INFO (PAUSE) Displays information about a program, or pauses a VCR or laser disc while in VCR mode.

PAGE (REC) Displays the paging screen or starts One-Touch Record while in DSS mode. It start your VCR's record feature while in VCR mode.

EXIT (STOP) Cancels all screens and returns to normal viewing in DSS mode, or stops a VCR while in VCR mode.

MENU (PLAY) Displays Main Menu in DSS mode, or plays a VCR in VCR mode.

VOLUME (MUTE) Controls the Volume and Mute in all modes when programmed.

Front Panel
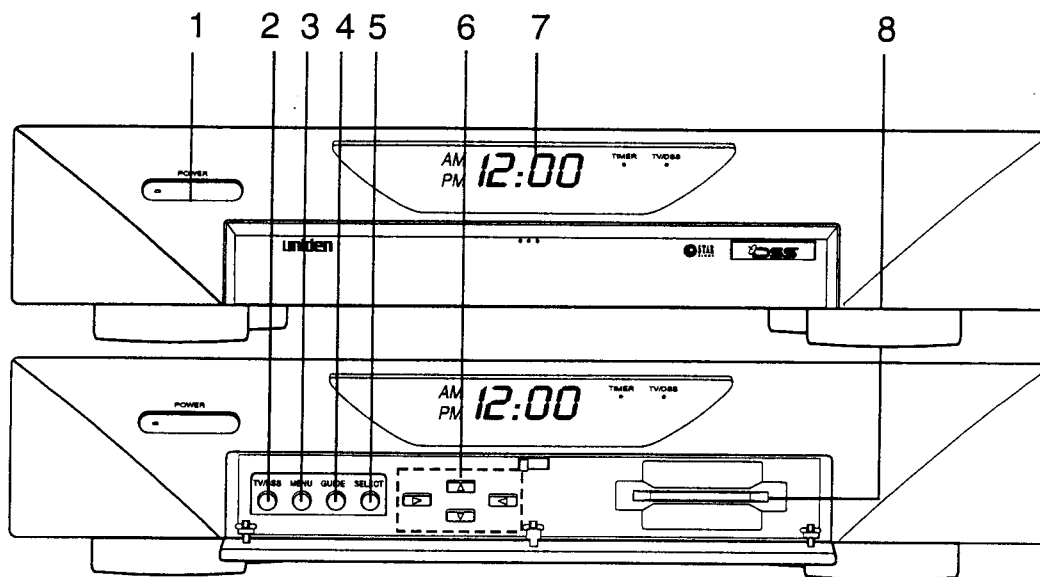
1. **POWER** Turns the receiver on/off. The LED is green when the receiver is on, and it is red when the receiver is on and you have messages.

2. **TV/DSS** Switches between the TV signal or the DSS signal.

3. **MENU** Displays the Main Menu so you can access the DSS system features.

4. **GUIDE** Press once to display the Program Guide, and press again to display the Single Channel Guide.

5. **SELECT** Confirms menu choices, stores screen or program changes you've made, and advances to other options or screens.

6. **ARROW KEYS** These keys can be used to change channels, select a program from a guide, or to enter information.

7. **FRONT PANEL INDICATORS** (See explanation below)

8. **ACCESS CARD** Your Access Card provides system security and authorization to a DSS program provider.
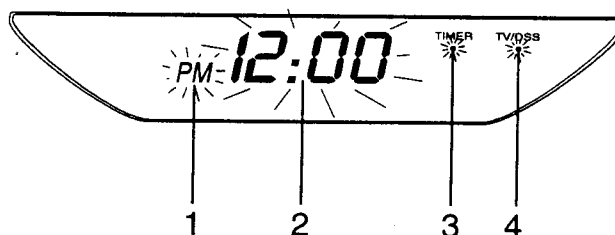
1. **AM/PM INDICATOR** Displayed only when the unit is off.

2. **SEGMENT DISPLAY** While the unit is off, the current time is displayed. While the unit is on, the current channel is displayed.

3. **TIMER LED** Lights when a program is set up in the Timer.

4. **TV/DSS LED** Lights when the TV signal is selected while the receiver is on.

Rear Panel
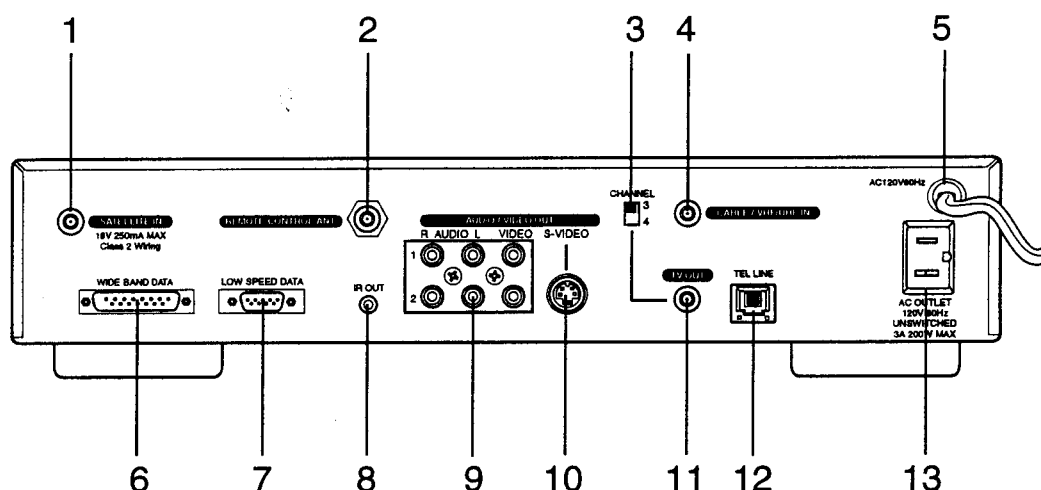
1. **SATELLITE IN** Connects the satellite antenna cable to the DSS receiver.

2. **REMOTE CONTROL ANTENNA** Connect the UHF Antenna to use the UHF Remote.

3. **CHANNEL** This switch allows you to set which channel the receiver will transmit the DSS signals on while using the receiver.

4. **CABLE/VHF IN** Connects your cable signal or off-air antenna signal to your DSS receiver.

5. **AC CORD** A polarized power cord which supplies AC to your DSS system.

6. **WIDE BAND DATA PORT** This port allows you to connect the DSS system to future services and accessories as they become available.

7. **LOW SPEED DATA PORT** Used for applications like Computer Interface.

8. **IR OUT** Controls the VCR for timer recordings.

9. **AUDIO AND VIDEO OUTPUT JACKS** Connects your DSS receiver to your TV or VCR. These provide better sound and picture quality than **TV OUT**. Use these jacks if your TV has audio/video capability.

10. **S-VIDEO** Video output connector which offers a high-quality video link between your DSS receiver and TV or VCR. If your TV has **S-VIDEO** capability, use this jack with the audio/video outputs to connect your DSS receiver to your TV.

11. **TV OUT** Connect this modulated RF output to the VHF input on your TV or VCR.

12. **TEL LINE** Modular phone plug to connect your DSS receiver to your telephone system. The DSS system requires a phone line to communicate with your service provider.

13. **AC OUTLET** Unswitched auxiliary AC outlet rated at 3A (200W).

Basic Operations

Power On

There are two ways to turn your DSS receiver on:

❑ Press the Power button on the front of the receiver

❑ Press the Power button on your remote

Adjusting the Volume

If your remote control is programmed to control your TV, then the Volume and Mute control your TV while in DSS mode.

Note: See "Programming Your Remote" on page 91 for more information about setting your remote to control your TV.

Changing Channels

There are two ways to change channels while watching your DSS receiver:

❑ Press the Channel ▲ and ▼ keys

❑ Enter the Channel Number using the Remote Keypad

Using the Arrow Keys

If you press either the ▲ or ▼ key to change channels, your receiver tunes to each channel sequentially.

Press the Channel ▲ key once to select the next higher active channel,

—or—

Press the Channel ▼ key to choose the next lower active channel.

If you press and hold the ▲ or ▼ key, the receiver will change channels quickly.

Using the Remote Keypad

You can also tune directly to a channel by entering its number on the remote's keypad. For example, to change to channel 221, press ②, ②, ① on your remote. Once the last digit is entered, your receiver immediately tunes to the channel.

If you only enter the first digit of the channel and press (SELECT), your receiver will tune to the first available channel above what you selected.

For example, if channel 203 is the first channel after channel 200, and you press ② and (SELECT), the receiver changes to channel 203. The same happens when only two digits are entered, followed by (SELECT).

Channel Banner

Each time you change the channel, the Channel banner appears and shows the current channel, program, time and date. To display this screen in Normal Viewing, press **INFO** on your remote.
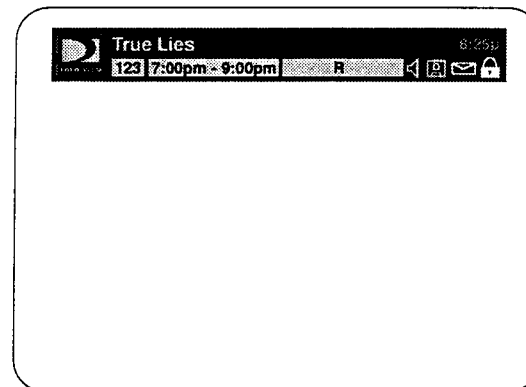
The Channel Banner contains useful information:

☐ Channel Logo — The logo matches the channel tuned.

☐ Program Title, Time, and Rating — The Channel Banner shows the program's title, its start and stop times, and its MPAA rating.

☐ Alternate Audio Icon — This icon displays when the program you're watching is broadcasting alternate audio.

☐ Data Services Icon — This icon displays when the program you're watching is broadcasting data services for a computer.

☐ Message Icon — The message icon displays when you have received mail from your service provider.

☐ System Lock Icon — This icon indicates if your system is unlocked, locked, or is in temporary session unlock.

☐ Current Time — The current time is displayed in the right corner of the Channel Banner.
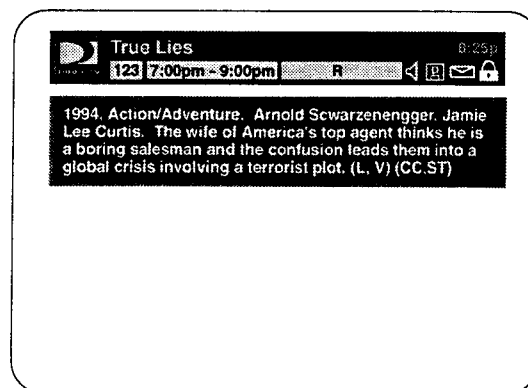
Channel Information

You can find out more information about most programs using **INFO**.

Press **INFO** to display the Channel Banner.

Then press **INFO** again to display the program despcription, when available.

Press **INFO** to return to Normal Viewing.

On Screen Programming

What is On-Screen Programming

You have probably heard this term many times, but you may not be really familiar with what it means. Simply, On-Screen Programming makes it easier for you to do the things you want without having to read through lots of information. Just press a button on your remote, read the screen, and select what you want. It's that easy!

For example, lets say you want to know what's on tonight. You could get your daily newspaper or TV magazine, find the right section or day, and then try to find the program you want. Or, you could just turn your TV and DSS system on, take your remote, and press (GUIDE). Every program available from your service provider can be displayed on-screen. You just scan through the easy-to-read program guide.

If you see something you want to watch, but want to know more about it or who is in it, just press **INFO**. And the description of the show, its time, who's in it, and its rating immediately displays. Your UDS 200 will save you time and make choosing what you want as simple as pressing a button.

How It Works: Highlighting and Selecting

You're probably thinking it's going to take a long time to learn this, right? Well, if you'll remember one simple tip — Highlight and Select. You'll be an expert as soon as you point your remote at your DSS system! There are only a few buttons on your remote that you'll need to learn, and you'll have mastered, "Highlight and Select."

The Arrow Keys and Select

On your remote there are five keys grouped together which allow you to quickly choose any on-screen item: ▲▼◄ ► and (SELECT). You just press the arrow keys to highlight an item you want on a screen. Once something is highlighted, press (SELECT) to choose it. Selecting an item tells your receiver to go ahead and make the change you've indicated. That's it! That's all there is to On-Screen Programming. If you want to move the highlight up, press the ▲ key. To move the highlight down, press the ▼ key. Each time you press a key, the on-screen highlight moves in the direction of the arrow. When you've highlighted what you want, press (SELECT).

Direct Entry Method

To make it even faster to highlight certain choices, some items on a screen are numbered, such as Menu Items or Channels. To highlight a numbered item, press the number on your remote's keypad. When the number is entered, the highlight moves directly to the entry and selects it. This is a big help if, for example, your changing channels.

Let's say you pressed ⟨GUIDE⟩ and the on-screen Program Guide is displayed. Now you have highlighted channel 202 but you want to skip to Channel 740. You could press the down arrow ▼ and scroll through many channels to get there or just press ⑦, ④, ⓪ on the keypad and the on-screen highlight would move directly to Channel 740. This is helpful time-saver is referred to as the "Direct Channel Entry."

Paging through Menus

One of the great things about the DSS system is there are lots and lots of programs! But, they can't always fit on one screen, so you may see a guide with arrows pointing off the screen or a "window indicator." These indicators just means there is more to see.
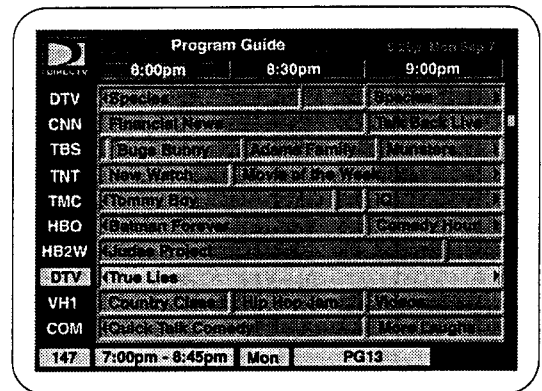
Consider the example above about changing channels. You can use Direct Entry, or you can use the Page Feature. Press **PAGE** on your remote. Now each time you press ▲ or ▼ the screen moves 9 channels at a time instead of just one. If you press the ▶ key, the Program Guide displays upcoming programs. You can find any program, on any channel, quickly and easily.

Getting Help

"What if I forget?" or "What if I'm not sure what to do?" Well, **HELP** is usually a choice on every screen. There are two types of help information:

❑ Quick Instructions

❑ Help Screens

Quick Instructions

Your DSS receiver is programmed to provide you with the information you need to answer most of your questions right on each screen, so you don't have to look somewhere else. If you're not sure what something is or what it does, highlight the item and look at the yellow help bar at the bottom of the screen. There will usually be a short instruction telling you what the option does. Quick Instructions change automatically and can usually answer your question without having you display another Help Screen.

Help Screens

If you want more information about the screen or feature you're working with, notice the Help Button at the bottom right corner of the screen. This button typically reads (**9-HELP**), or it may just read (**HELP**). If you highlight this and press (SELECT), a new help screen displays.
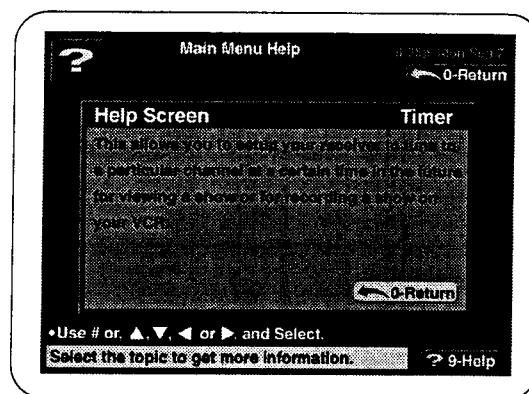
For example, you can get more information about the timer feature by using Help. If you select the Help Button, you would see this screen.

To exit the help screen and return to where you were, simply press (SELECT) or (0) on your remote keypad.

Return to Normal Viewing

You can return to Normal Viewing anytime you want. Just press **EXIT** on your remote to cancel all screens and return to the last channel you were watching. So don't hesitate to explore each menu or screen. If you're not sure what to do, press **EXIT** and start again. Remember, most changes are not stored until you press (SELECT), and you'll always be able to return to any screen and cancel any change you don't want.
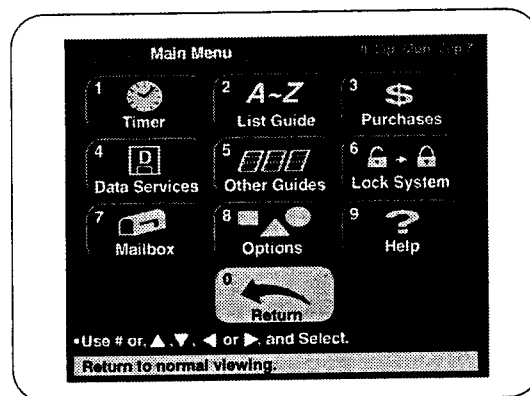
The Main Menu

The Main Menu provides you access to many of the special features of your UDS 200 recevier, such as the Timer Screen, Password Setting, and Options Menu.

To display the Main Menu:

Press **MENU** on the Front Panel

—or—

Press **MENU** on your Remote Control.

Features

The following is a list of features available on the Main Menu.

☐ Timer—Set your receiver to view or record upcoming programs.

☐ List Guide—Display the programs you select in alphabetical order.

☐ Purchases—Review your past and future purchases.

☐ Data Services—Select and receive data services provided by your program provider.

☐ Other Guides—Display other types of program guides.

☐ Lock/Unlock System—Enable or disables your lock and limits.

☐ Mailbox—Read and delete messages sent to you by your service provider.

☐ Options—Select the Options Menu

☐ Help—Displays the Help Menu Screen.

☐ Return—Returns you to Normal Viewing.

The Timer

Programming the Timer

The Timer Feature is used to store up to 8 upcoming events. The Timer remembers when the program starts and ends and what channel it will be shown on. The UDS 200 also controls your VCR when a program is stored in the Timer.

There are three ways to program an event in the UDS 200:

❏ Manual Entry

❏ Automatic Programming

❏ One-Touch Recording (OTR)

### Manual Timer Entry

To manually enter a program in the Timer, follow these steps:

1. Press **MENU** on your remote.

2. Highlight **Timer** on the Main Menu and press (SELECT), or press (1).

   If the system is locked, the Password Screen displays before a program is stored because **ALL LOCKS AND LIMITS ARE DISABLED** for Timer events. So if the program is shown on a channel which is locked, or if the program exceeds your rating or spending limit, the Timer will still tune to the channel at the selected date and time.

3. Enter your personal 4-digit password to continue.
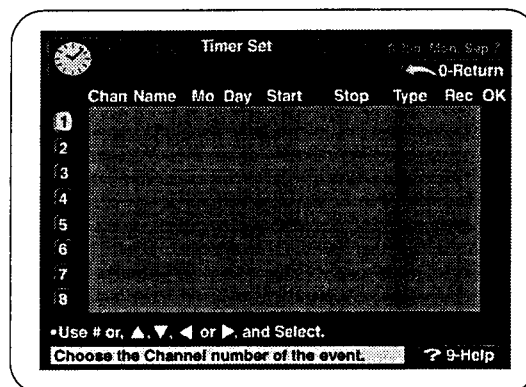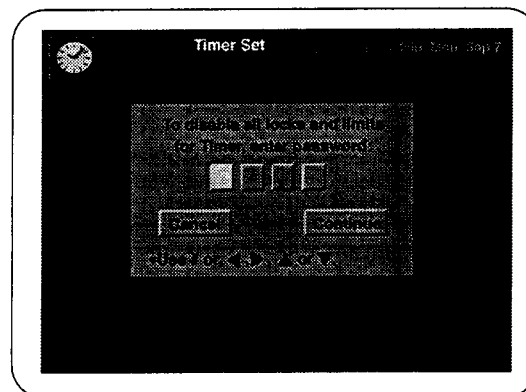
4. Highlight one of the 8 events you want to program, and press (SELECT) or enter the event number directly.
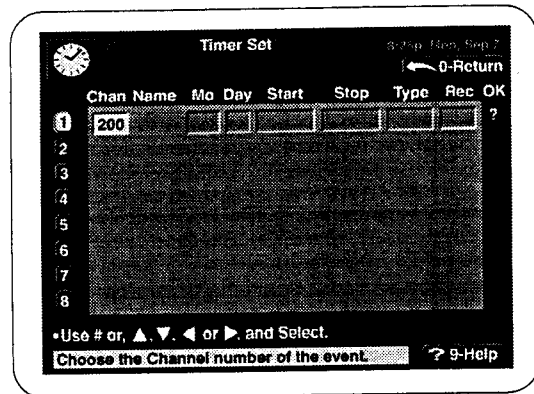
Note: If an event is stored, the Delete, Change, Disable Screen displays. See "Changing an Event" on page 26.

5. Enter channel number of the program you want to store in the timer on your remote.

   Note: The channel number of the last channel tuned automatically displays. To select this channel, press the ► key until the Month Field is highlighted.
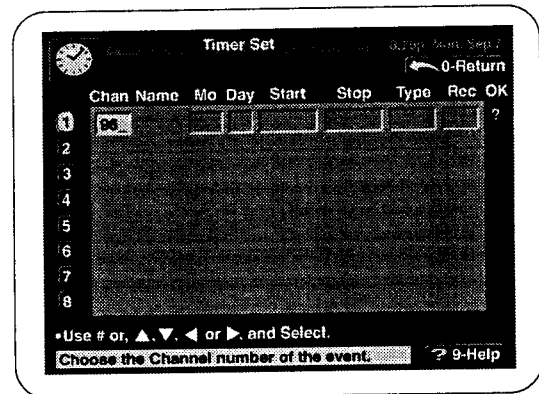
Note: If you want to use ▲ and ▼ to enter numbers in a field, you must remember to press ► to continue. For example, in the channel field the first dash is flashing, if you press ▲ until 2 displays, you must press ► before entering the next digit of the channel number. After entering all the digits, you must press ► again to advance to the next field.

6. Use the ▲ or ▼ arrow keys to choose the Month, and press ► to advance to the Day Field.
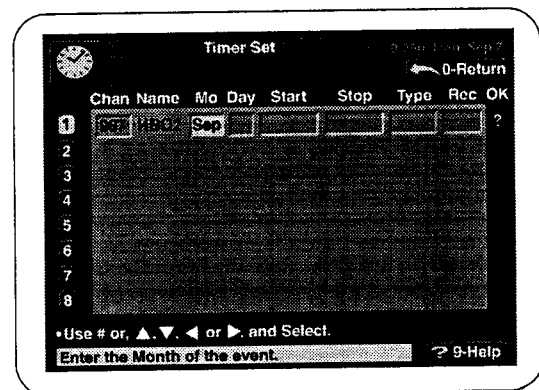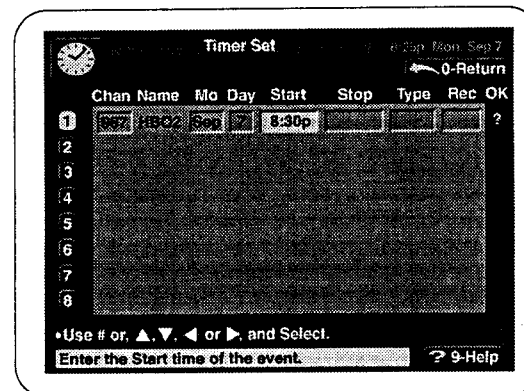
7. Use the ▲ or ▼ keys or the number keys on your remote to enter the day.

   Press ▶ to Highlight the next field.
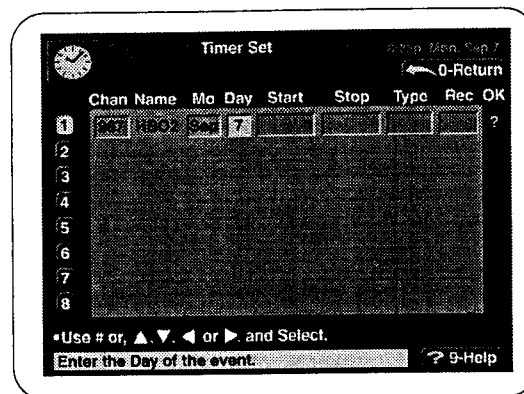
8. When the Start Entry Field is highlighted, your receiver automatically rounds the current time to the next half-hour and displays this. For example, if it's 8:20p, then 8:30p automatically displays.

   Use the ▲ or ▼ keys or the number keys on your remote to enter the start time, and Highlight the a/p designator.

9. Change the a/p designator with either the ▲ or ▼ keys, and Highlight the Stop Entry Field.

10. When the Stop Entry Field is selected, your receiver automatically displays the next half-hour after the Start time. For example, if 8:30p is the Start time, then 9:00p appears.

   Use the ▲ or ▼ keys or the number keys on your remote to enter the stop time, and Highlight the a/p designator.
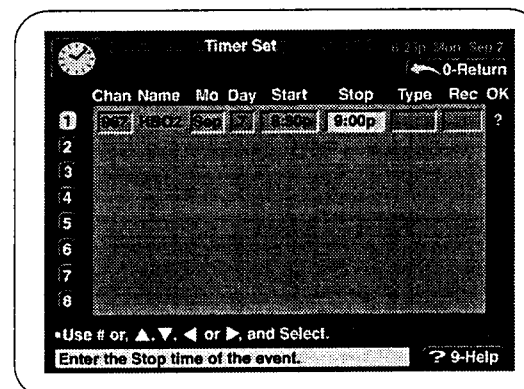
11. Change the a/p designator with either the ▲ or ▼ keys, and Highlight the Type Entry Field.

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12. Use the ▲ or ▼ keys to choose the type of event, and press (SELECT).

There are three types of events:

Once—This type of event only occurs one time. After the event has been completed, the event information is removed from the Timer screen.
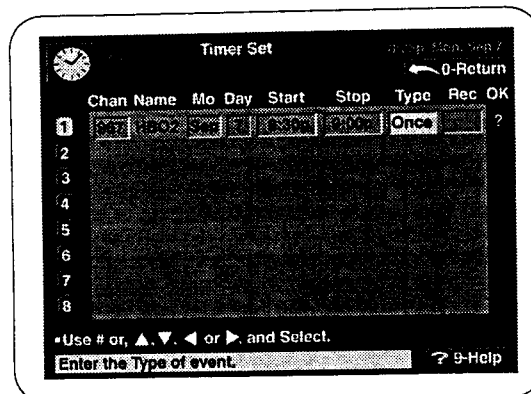
Daily—This type of event occurs each weekday–Monday through Friday. The event information is not removed from the Timer Screen after the event occurs.
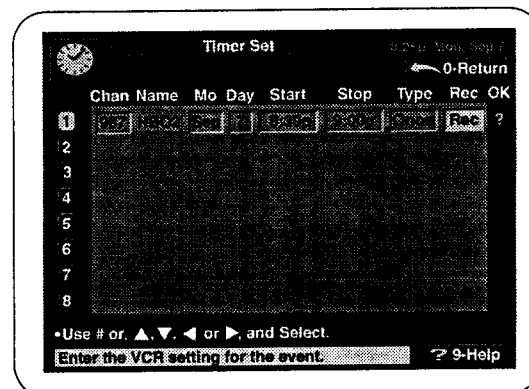
Weekly—This type of event occurs one day every week. The event information is not removed from the Timer Screen after the event occurs.

13. Use the ▲ or ▼ keys to choose the record option you want, and then press (SELECT).

If you choose **Yes**, the UDS 200 will control your VCR

—or—

If you choose **No**, the UDS 200 will not turn your VCR on when the program begins.

14. A check-mark appears next to the event to indicate the program is stored and enabled provided there are no errors. After the event is stored, the standard Timer screen returns.
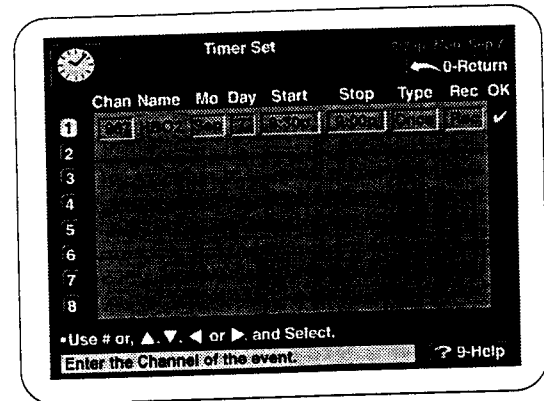
If there are errors in the timer information, then a question mark (?) will appear next to the event, and a warning displays. The event is disabled and the receiver will not tune to the program until the error or conflict is corrected.

After a program is saved in the Timer, you can make changes, delete the event, or disable the event.

Automatic Programming

Your UDS 200 has many different on-screen guides, such as the Program Guide, Themes Guide, and Favorite Guide. These guides display current and upcoming programs. If you Highlight an upcoming program and press (SELECT), you can automatically store the program in the Timer for future viewing or recording.
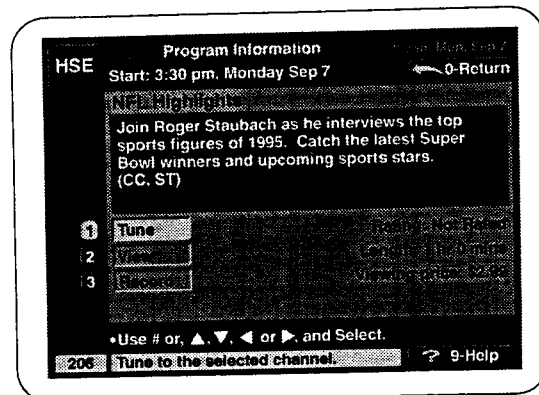
To use the Automatic Programming feature, follow these steps:

1. Press (GUIDE) on your remote.
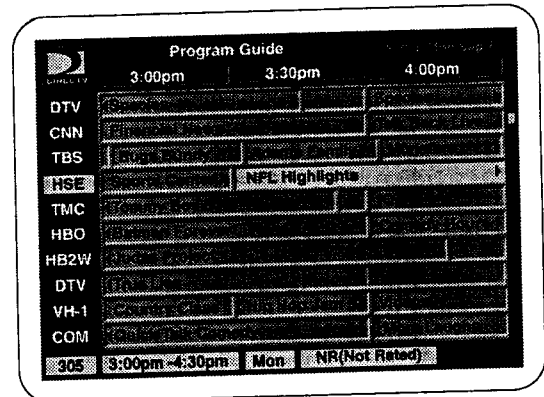
2. Highlight an upcoming program, and press ⓈⒺⓁⒺⒸⓉ.

3. You can choose one of these options for subscription programs:

   ☐ **1-Tune** (go to Step 4)

   ☐ **2-View** (go to Step 5)

   ☐ **3-Record** (go to Step 7)

   ☐ **0-Return** (go to Step 9)

Note: For Pay-Per-View Programs, see page 85.

4. Highlight **1-Tune** and press ⓈⒺⓁⒺⒸⓉ to remove the Program Information Screen and tune to the channel.

5. Highlight **2-View** and press ⓈⒺⓁⒺⒸⓉ to store the program in the Timer and turn the VCR control option off.

   Note: The DSS system will tune to the program when it's on, but will not control your VCR. This option does not record the event.
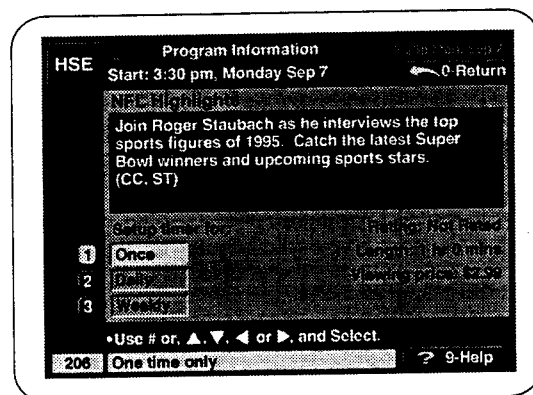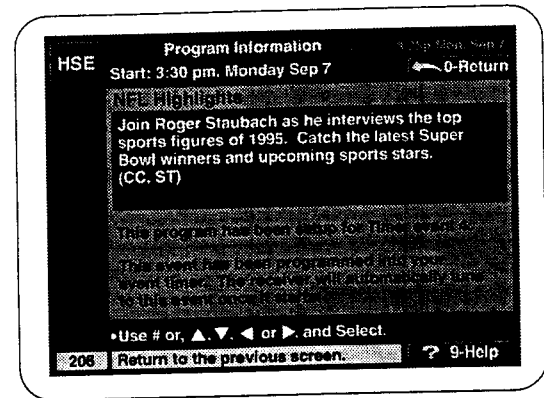

There are three types of viewing events:

Once—This type of event only occurs one time. After the event is completed, the event information is removed from the Timer.

Daily—This type of event occurs each weekday—Monday through Friday. The event information is not removed from the Timer Screen after the event occurs.

Weekly—This type of event occurs one day every week. The event information is not removed from the Timer Screen after the event occurs.
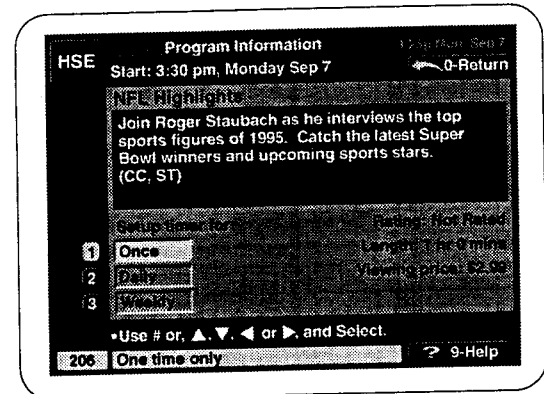
6. Use the ▲ or ▼ keys to choose the type of event, and press (SELECT).

   A screen similar to this displays.

7. Highlight **3-Record** and press (SELECT) to store the program in the Timer and turn the VCR control option on.

   Note: *The DSS system will tune to the program when it's on, and will also control your VCR. This option records the event.*


There are three types of recording events:

Once—This type of event only occurs one time. After the event is recorded, the event information is removed from the Timer.

Daily—This type of event occurs each weekday–Monday through Friday. The event information is not removed from the Timer Screen after the event is recorded.

Weekly—This type of event occurs one day every week. The event information is not removed from the Timer Screen after the event is recorded.

8. Use the ▲ or ▼ keys to choose the type of event, and press (SELECT).

   A screen similar to this displays.
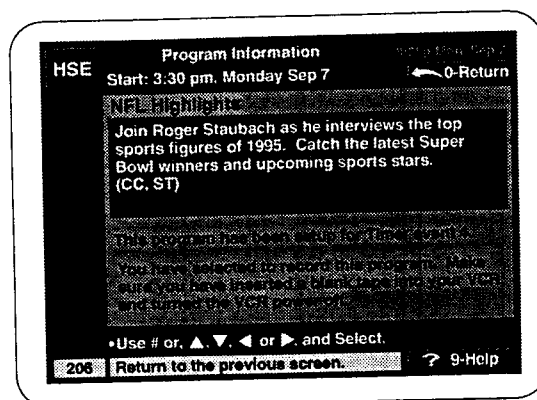
9. If you select Return, the Program Information Screen is removed, and the guide you were in displays.

Note Press **EXIT** to remove all screens and return to Normal Viewing.
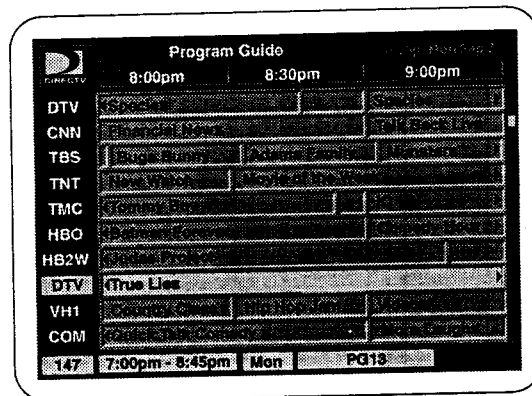
One-Touch Recording (OTR)

One-Touch Recording allows you to record a program simply by touching one button on your remote.

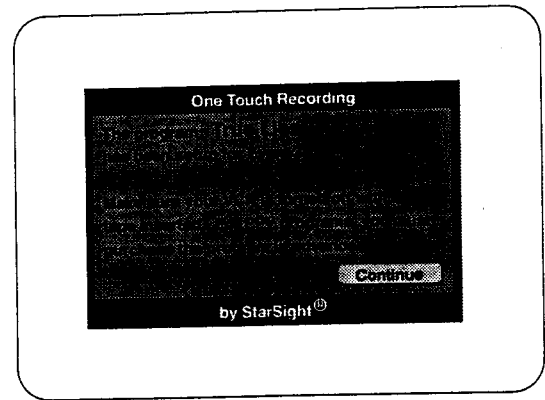To use the One-Touch Record feature, follow these steps:

1. Display an on-screen guide.

   For example, press (GUIDE) on your remote to display the Program Guide.

2. Highlight a program from the guide and press and hold **REC** for three seconds on your remote.

A screen similar to this displays.

Note You do not have to display a guide if you want to record the program you're watching, simply press and hold **REC**. If a program is showing when you use the **OTR** feature, the current time is used as the start time for the program.

Your receiver will remain on the channel unless **EXIT** on your remote is pressed to cancel the recording.

Always check to make sure a tape is in your VCR, and it is off before using **OTR**.

VCR Control Commands

When **Rec** is set to **Yes** in the Timer, the UDS 200 sends these commands to your VCR before a program begins:

❑ **Power** — Turns the VCR on just prior to the start of the program

❑ **Channel Number** — Sends the channel change command that matches your VCR setting. (If the setting is in "Line Out," no channel number is sent.)

❑ **Record** — Starts the VCR record option.

❑ **Stop** — Stops the VCR when the program ends.

❑ **Power** — Turns the VCR off.

For information about how to set your DSS system to work with your VCR, see "Set up VCR" on page 48 .

Changing an Event

To make a change to a Timer Entry, follow these steps:

1. Display the Timer Screen, and Highlight the event you want to change.

2. Press (SELECT) to display a Change Screen similar to this.
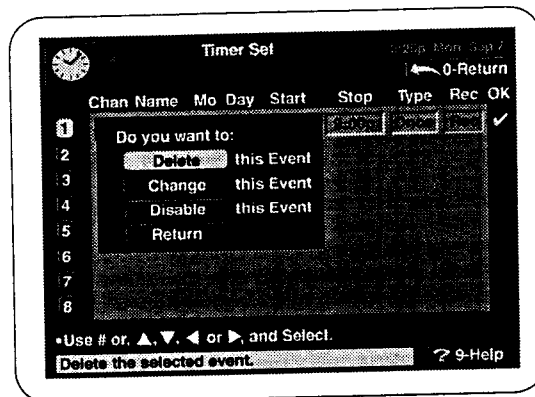
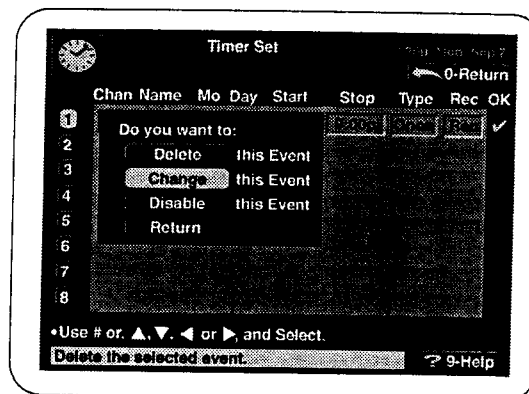3. You can choose to Delete, Change, Disable/Enable, or Return.

Deleting the Event

If you select **Delete**, then all of the information for the event is cleared, and the event number is highlighted so you can make another entry.
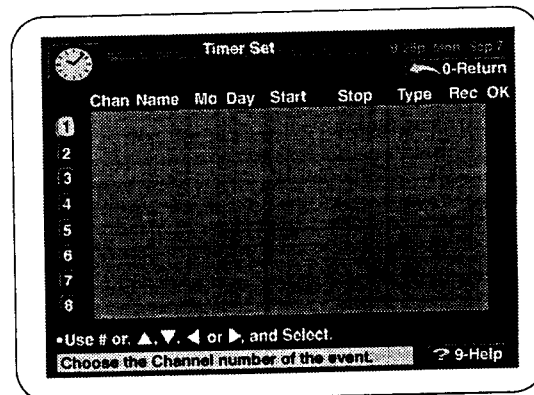
Changing the Event

If you select **Change**, then none of the information is cleared and the Timer Screen returns. The check-mark changes to "?."

Make the changes you want following the steps in "Programming the Timer" above. After the changes are made, press (SELECT) to store the new information. If there are no conflicts, the check-mark displays next to the event.

Disabling/Enabling the Event

To Disable/Enable any event stored in the Timer.

1. Display the Timer Screen, and Highlight and Select the event you want to change.
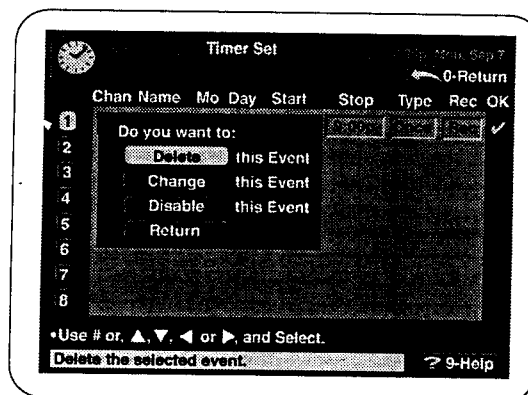
2. If the event has a check-mark in the OK field, Disable displays. Highlight Disable and press (SELECT) to disable the event

—or—

If the event has a question mark in the OK field, Enable displays instead. Highlight Enable and press (SELECT) to enable the event again.

When you disable an event, you're not deleting it, you're simply telling the Timer to ignore the event. It remains stored until you decide to enable it later or delete it from the Timer. Remember though, a disabled event takes up one of the eight available events used to store other programs.
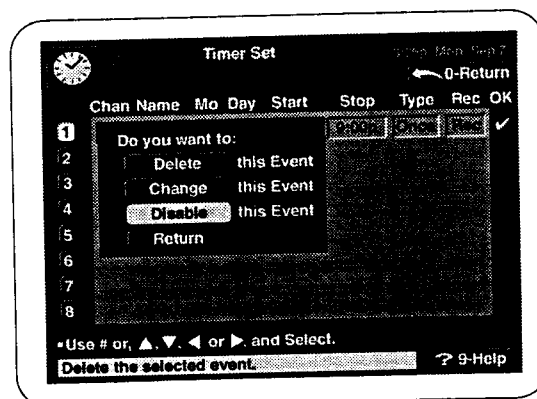
Program Start Announcement

When a Timer event is about to start, a warning message displays one minute before the Event starts.

If you don't interrupt the Timer function, the program starts as scheduled, or you can Highlight Continue and press (SELECT) and the program will start as scheduled.
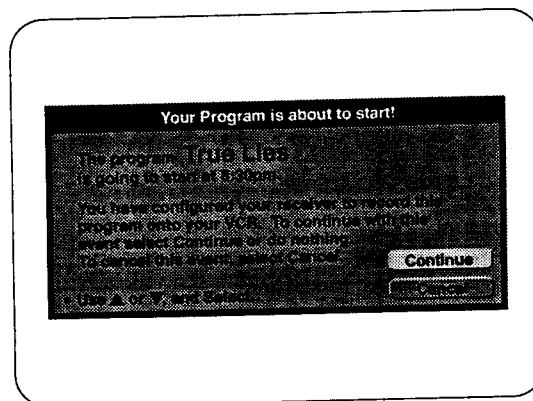
You can cancel the the event by Highlighting Cancel and pressing (SELECT). If you select Cancel, then Start Warning Screen cancels, and the program will not display.

During the Event

During an event, you cannot control any functions on the receiver. All remote control keys as well as the Front Panel keys blocked. You can, however, press EXIT. If you press EXIT, the event is canceled.

Program Guide for Timer Events

If an event is programmed in the Timer, then the Program Guide will show a timer icon in the program's time slot which indicates that a program is stored in the Timer.

List Guides

The List Guide allows you to select a category and one or more sub-categories for programs which are then displayed in alphabetical order. This is helpful if you're trying to find out if your all-time favorite movie is showing!

To set up the List Guide, follow these steps:

1. Press **MENU** on your remote.

2. Highlight List Guide on the Main Menu and press (SELECT) or press (2).

3. Highlight the category you want, and press (SELECT).

   Highlight **OK** and press (SELECT) again.
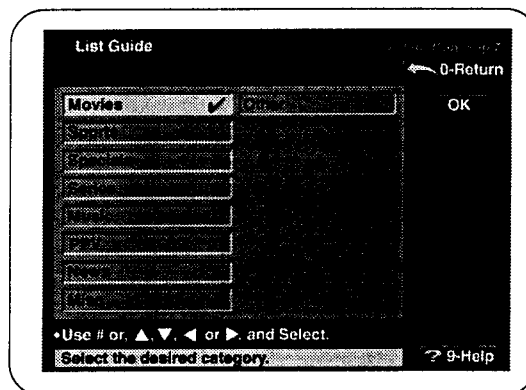
4. Highlight and (SELECT) each sub-category you want, and then Highlight **OK** and press (SELECT) again.

5. A guide similar to this displays.
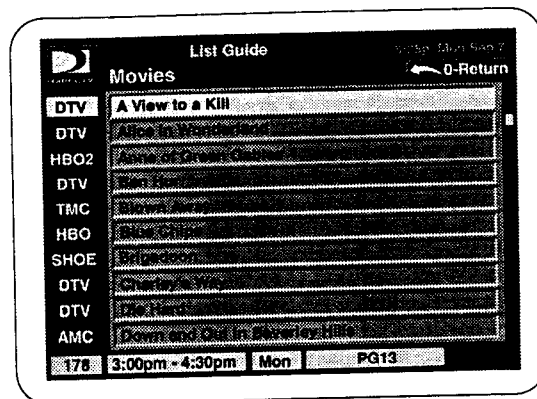
When the List Guide displays, you can:

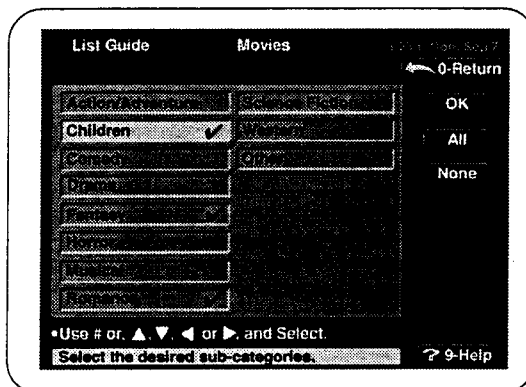❏ Highlight and tune to a program which is on

❏ Get more Information about a program

❏ Page through the programs or page through upcoming events

❏ Display a Single Channel Guide for a Highlighted channel.

Purchases

The Purchases feature allows you to review the purchases you made or cancel purchases if they have not been viewed.

To review your purchases, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Purchases and press (SELECT) or press ③.
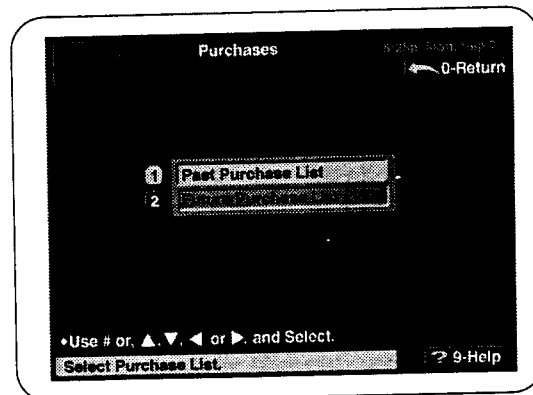
3. Highlight either **Future** or **Past Purchases**, and press (SELECT).

4. If you select Past
   Purchases, a screen
   similar to this displays.

   Use the ▼ or ▲ keys to
   review your past
   purchases.
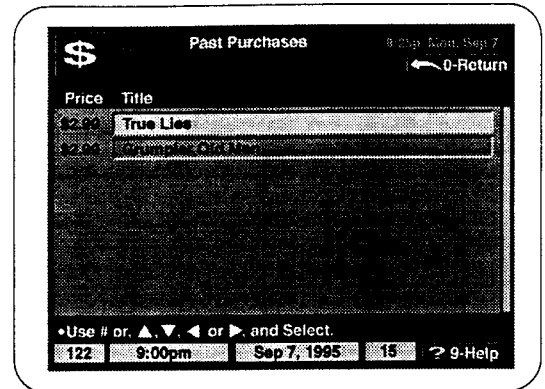
5. If you select Future
   Purchases, a screen
   similar to this displays.
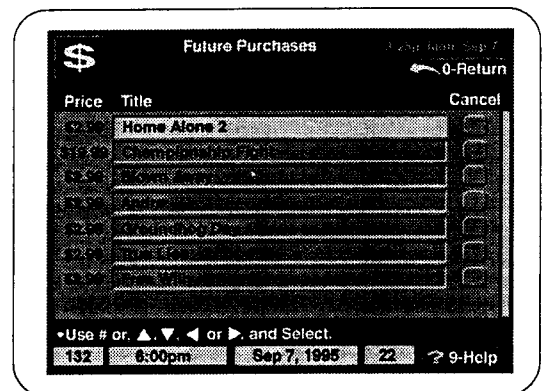
6. Highlight **Cancel** next to a
   purchase and press (SELECT)
   to cancel the upcoming
   event.
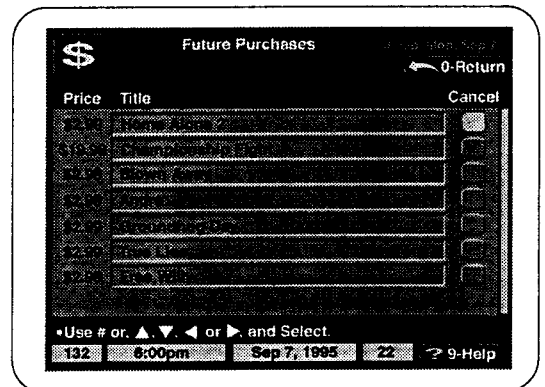
7. Highlight **Yes** to cancel the purchase

—or—

Highlight **No** to return to the Future Purchases screen.
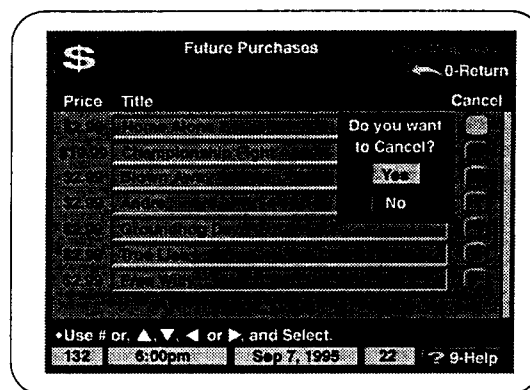
Data Services

Your DSS receiver can receive Data Services if they are broadcast by your service provider. When you select a channel which includes the Data Services, the DATA ICON displays in the Channel Information Banner.

To view the Data Services Screen, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Data Services and press (SELECT) or press (4).
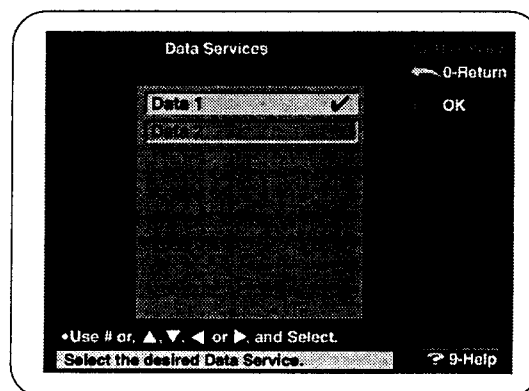
3. Highlight the Data Service you want and pressS (SELECT).

4. Press **EXIT** on your remote to return to Normal Viewing.

Other Guides

The Other Guides feature allows you to quickly access some of the special guides available to you, like the Attractions or Preview Guides.

To display the Other Guides Screen, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Other Guides and press (SELECT) or press (5).
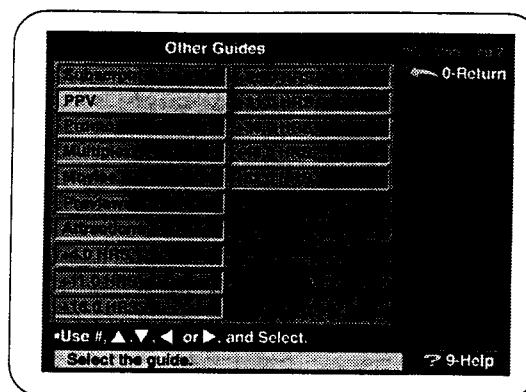
3. Choose the guide you want, and press (SELECT) to display the guide.

Note: Most of the features available in the program guides are available when using this feature.

Lock/Unlock System

Locking Your System

All of the Spending Limits, Rating Limits, and Parental Locked channels are active (i.e. enforced) **only** when your receiver is locked. So if you set Spending or Rating Limits or decide to lock certain channels so they cannot be watched, remember you must also lock your system.

To Lock your system, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Lock System and press (SELECT) or press (6).

3. Use your remote keypad to enter a 4-digit password.
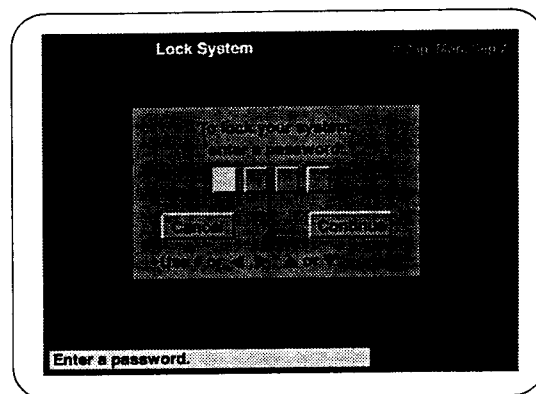
4. Use your remote keypad to confirm your new password.
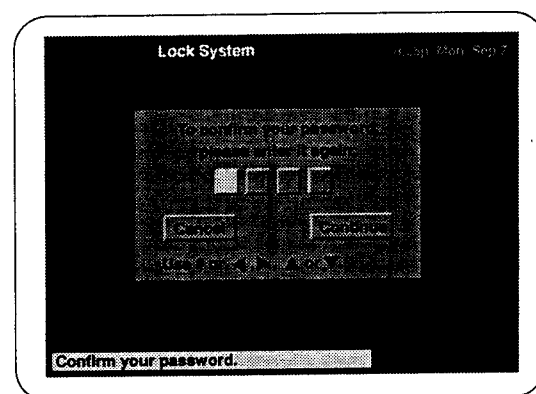
Once your password is confirmed, your system is locked. All Spending Limits, Rating Limits, and Channel Locks are now active.

5. You can always tell if your system is locked because the lock icon appears when the Channel ID Banner displays.
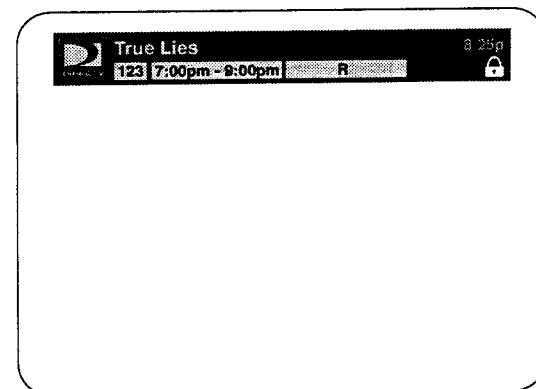
Unlocking Your System

To Unlock your system, follow these steps:

1. Press **MENU** on your remote.

2. Highlight UnLock System and press (SELECT) or press ⑥.

3. To unlock your system, use your remote keypad to enter your 4-digit password.
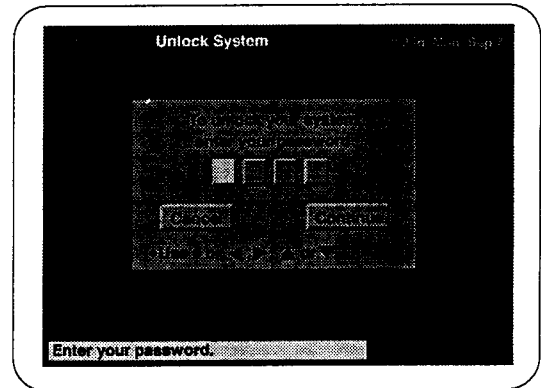
4. After entering the last digit on your remote keypad, **Continue** is automatically selected and the Main menu displays.
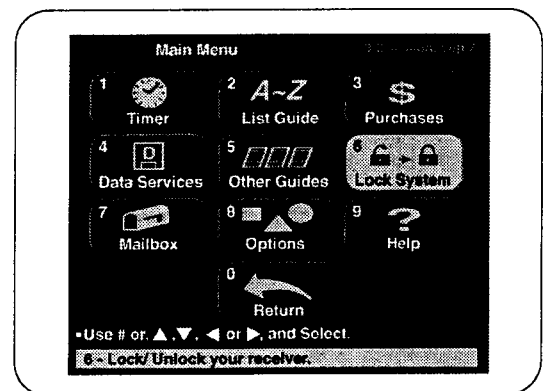
Note If you forget your password, call your Service Provider for assistance.

Once your password is confirmed, your system is unlocked. All Spending Limits, Rating Limits, and Channel Locks are now inactive.

Session Unlock

If your system is locked and you choose a channel which exceeds a Spending Limit, Rating Limit, or is Parental Locked, a message displays telling you the channel is blocked. To temporarily unlock your system and view the channel, follow these steps:

1. Press (SELECT).

2. Use your remote keypad to enter your password.
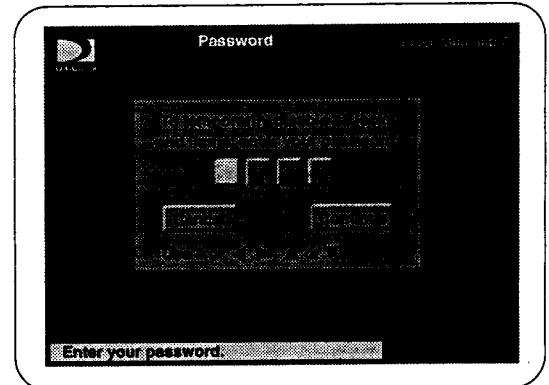
After you have entered your password, the channel you want displays. However, your system is temporarily unlocked, so all Spending Limits, Rating Limits, and Parental Locks are now inactive.

3. You can always tell if your system is temporarily unlocked because the unlock icon 🔓 appears when the Channel ID Banner displays.
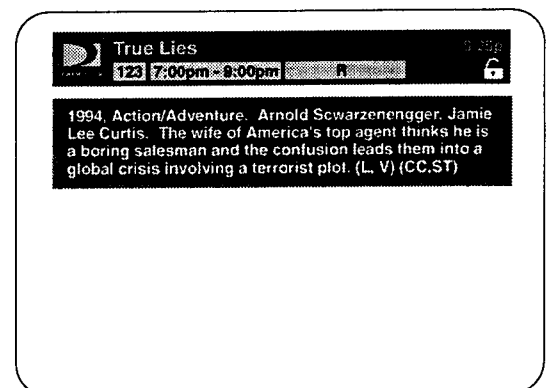
When you turn your DSS system off, the Session Unlock is canceled. The next time you turn your DSS system on, it will be locked and all Spending Limits, Rating Limits, and Parental Locks will be active again.

Mailbox

Your mailbox allows your Program Provider to send you information about new services or special features.

How To Tell When You Have Mail

Your receiver indicates that you have new messages in two different ways:

1. If your receiver is off, the Power key on the front panel flashes red

   —or—

   If your receiver is on, the Power Key is red and it flashes when there is a new message.

2. The Mail Icon displays in the Channel Information Banner when there is a new message.

To Read Your Mail

To view your messages:

1. Press **MENU** on your remote.

2. Highlight Mailbox and press (SELECT) or press (7).
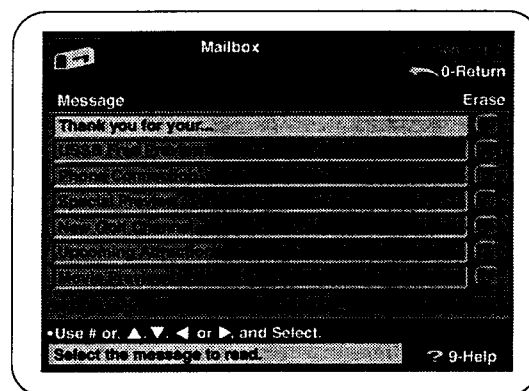

3. Highlight the message you want to read, and press (SELECT) to display the message.

4. Press **0-Return** to return to your Mailbox Screen.

To Erase a Message

1. Display your Mailbox Screen.
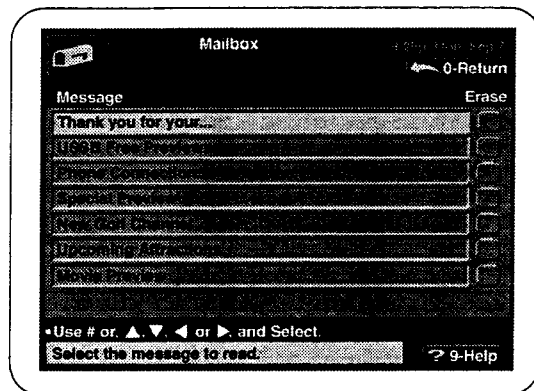
2. Highlight Erase next to the message you want to delete, and press (SELECT).
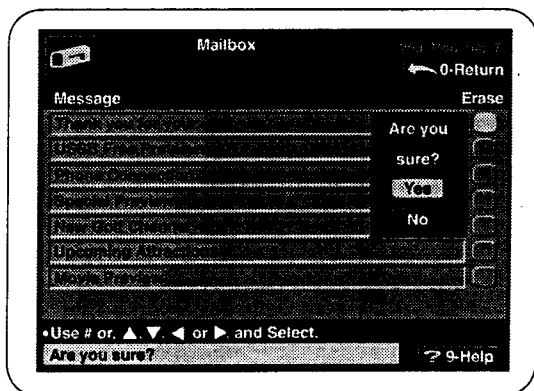
3. Choose **Yes** to delete the message

   —or—

   Choose **No** to cancel and save the message.

Note: There are certain messages which are automatically erased after a period of time.

The Options Menu

The Options Menu provides access to features which allow you to modify your UDS 200 to meet your specific needs. For example, you can set Locks and Limits or adjust installation settings. To display the Options Menu, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).
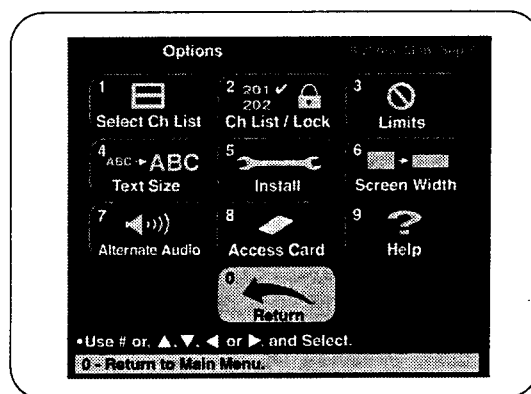
Features

The following features are available on the Options Menu.

❑ Select Channel List—Choose between the Master or Custom Channel Lists

❑ Channel List/Lock—Sets up your Custom Channel List or Lock a Channel to prevent its viewing.

❑ Limits—Sets the Rating and Spending Limits.

❑ Text Size—Changes the screen text sizes.

❑ Install—Displays the Installation Screen.

❑ Screen Width—Change the aspect ratio for your screen.

❑ Alternate Audio—Change the default alternate audio.

❑ Access Card—Change Access cards.

❑ Help—Displays the Help Screen.

❑ Return—Returns you to the Main Menu.

Selecting a Channel List

The Select Channel List lets you to display only the channels selected in your Custom Channel List or display the Master Channel List which includes all the channels broadcast by your service provider.

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight the Channel List and press (SELECT) or press (1).

```
┌─────────────────────────────────┐
│  ☰      Select Channel List      │
│                          0-Return│
│                                  │
│         0  Master Channel List ✓ │
│         2                        │
│                                  │
│ •Use # or, ▲,▼, ◄ or ►, and Select.│
│ Select master or custom channel list.  ? 9-Help│
└─────────────────────────────────┘
```
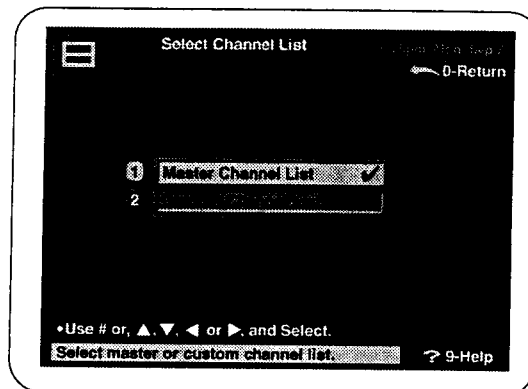
4. Highlight either the Master Channel List or Custom Channel List and press (SELECT).

5. Highlight **0-Return** and press (SELECT) to return to the Options Menu.

Channel List/Lock

The Custom Channel List/Channel Lock feature allows you to select the channels you want in your custom channel list, and it allows you to prevent the viewing of certain channels in both the Master Channel List and the Custom Channel List.

Setting up a Custom Channel List

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight ChList/Lock and press (SELECT).

4. Enter your personal 4-digit password, if necessary.

   When you first display this screen, all the channels provided are selected. A check-mark appears to the right of each channel number. If you turn the check-mark off, the channel is removed from your Custom Channel List.
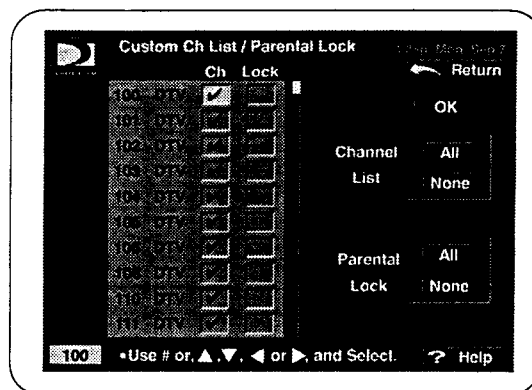
When you choose **Custom Channel List** from the Options Menu, then only the channels checked in the Custom Ch List display when you use the ▲ or ▼ keys on your remote to change channels. Also, only these channels appear in the guides.

5. Highlight a channel's **Ch** box and press (SELECT) to turn off the check mark.

6. To quickly select all the channels, press **All** next to **Channel List**

   —or—

   To quickly deselect all the channels, press **None** next to **Channel List**.

Note: If you uncheck all the channels and select OK, then no channels will appear in your program guides.

7. After choosing the channels for your Custom Channel List, Highlight **OK** and press (SELECT) to store the changes you've made.

Locking a Channel

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight ChList/Lock and press (SELECT) or press (2).

4. Enter your personal 4-digit password, if necessary.

   When you first display this screen, no channels are locked. The lock symbol for each channel is blank. If you lock a channel, the 🔒 icon appears to the right of the channel number.
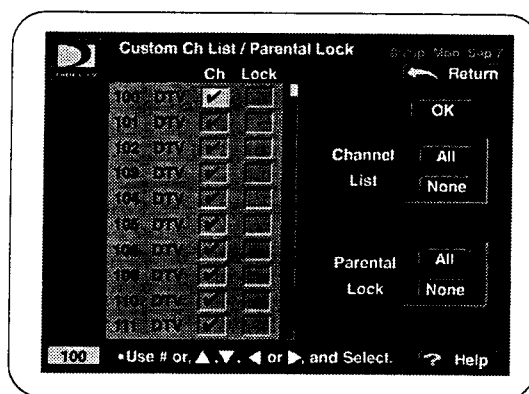
Note: If you lock out a channel, you can still tune to the channel during normal viewing; however, if your system is locked, you must enter your password before the program displays.

5. To lock a channel, Highlight its **lock** box and press (SELECT).

   This locks the channel and displays the 🔒 icon.
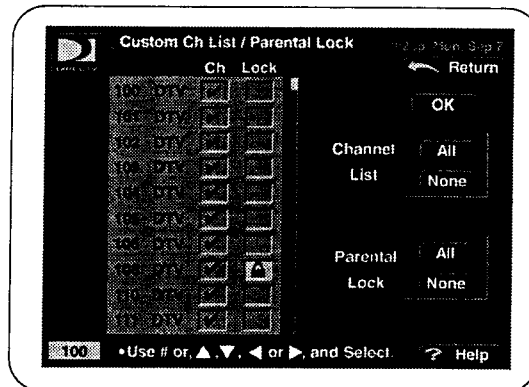
6. To quickly lock all the channels, press **All** next to **Parental Lock**

   —or—

   To quickly unlock all the channels, press **None** next to **Parental Lock**.

7. After choosing the channels you want locked, highlight **OK** and press (SELECT) to store the changes you've made.

Limits

Set spending or rating limits for a program or a channel with this option.

Setting the Rating Limit

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Limits and press (SELECT) or press (3).

4. Enter your personal 4-digit password, if necessary.
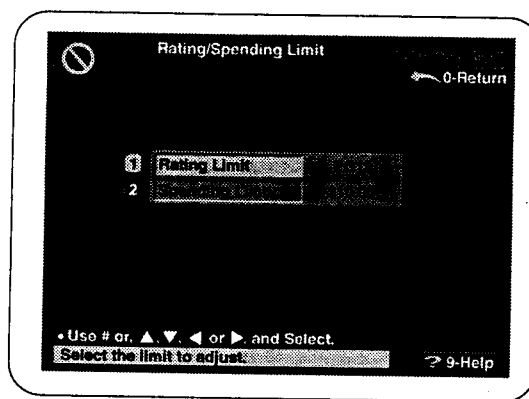
5. Highlight **Rating Limit** and press (SELECT) or press (1).
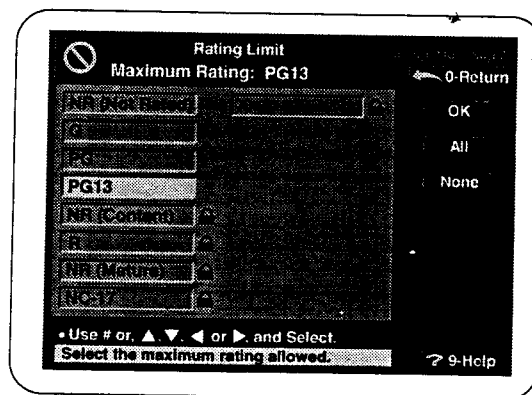
6. Use the ▲ or ▼ key to Highlight the new rating limit you want, and press (SELECT).

For example, to set **R** as the new limit, Highlight **R** and press (SELECT). Each rating above **R** will now have a 🔒 icon next to it.

Note If you select **All**, then all your channels will be locked

—or—

If you select **None**, then no channels will be locked.

7. Select **OK** to store the new limit.

Setting the Spending Limits

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).
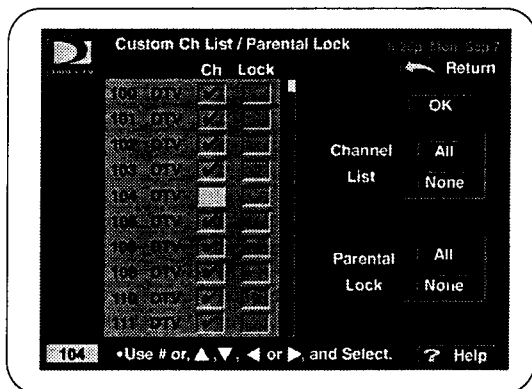
3. Highlight Limits and press (SELECT) or press (3).

4. Enter your personal 4-digit password, if necessary.
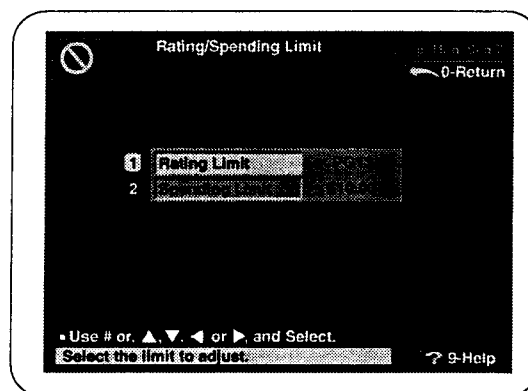
5. Highlight **Spending Limit** and press (SELECT) or press ②.
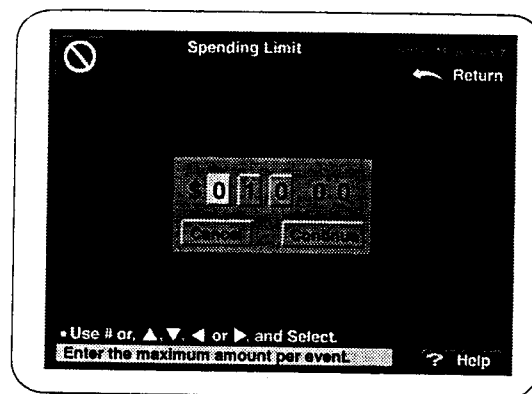
6. Enter the amount directly using either your remote keypad or the ▲, ▼, ◄, or ► arrow keys.

    If you use arrow keys you must highlight **Continue** after entering the maximum amount for each program.

7. Highlight **Continue** and press (SELECT) to set the new spending limit.

Note: Remember, this is the spending limit for each program.

Changing the Default Text Size

This feature allows you to change the size of the text in some of the Menus and Screens.

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press ⑧.

3. Highlight Text Size and press (SELECT) or press ④.
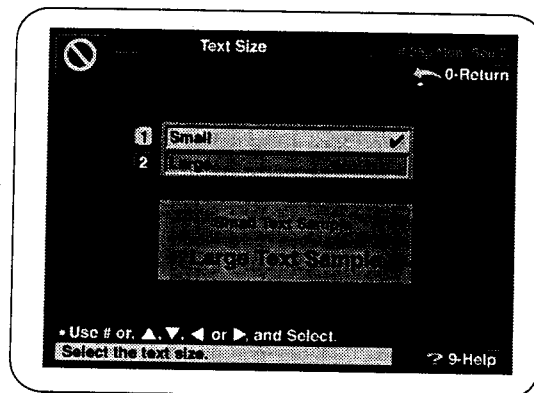
4. Highlight either **Small** or **Large** and press (SELECT).

Install Screen

The Install Screen provides useful information which is required when installing your antenna.

Note   Refer to the Installation Guide included with your satellite dish for information about the following Installation Screen choices:

❏ Entering a Zip Code

❏ Entering the Latitude

❏ Changing the Transponder Setting

Running a System Test

The System Test provides a way for you to test the signal, tuning, phone connection, and access card for your receiver.

1. Press **MENU** on your remote.

2. Highlight Options and press ⊙ or press ⑧.

3. Highlight Installation and press ⊙ or press ⑤.

4. Highlight **Run System Test** and press ⊙ or press ④.

    Questions marks "??" appear next to the item tested. When the receiver passes a test, **Pass** displays and the next test starts.

    When the Access Card test is complete, the card number displays if there isn't an error.
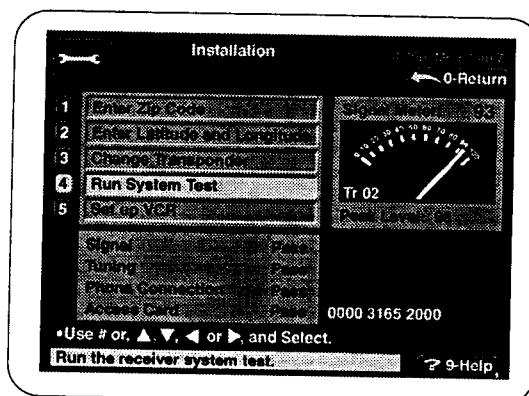
5. If there is an error during a test, **Error** displays next to the test.

Follow the troubleshooting tip to locate and correct the problem.
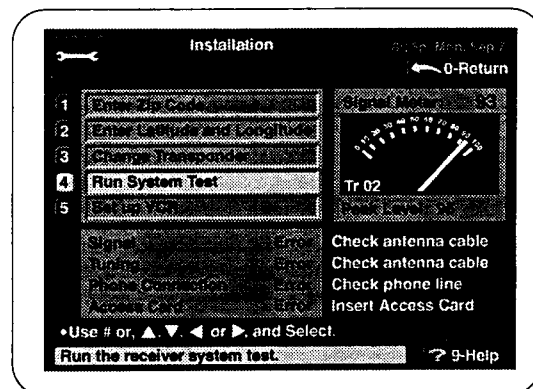
Set up VCR

For Automatic Programming to work properly, your DSS system must be able to control your VCR. To set your DSS system to work with your VCR, you must:

☐ Install the included IR emitter

☐ Set the VCR code and Channel Number for your VCR

Installing the IR Emitter

To install the IR emitter included with your UDS 200, follow these steps:

1. Plug the IR emitter into the back of your UDS 200.
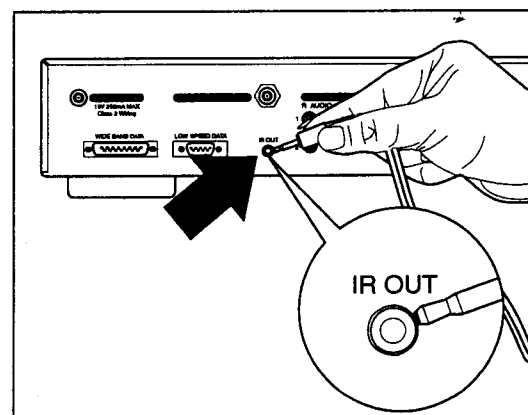
2. Locate the IR sensor on your VCR.

3. Using the double-stick tape, place the IR emitter close to your VCR's sensor. You may find it easier to place the emitter on top of your VCR

—or—

Place the emitter on the bottom of your VCR.
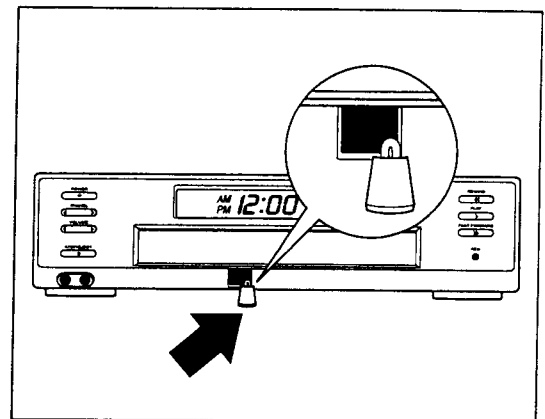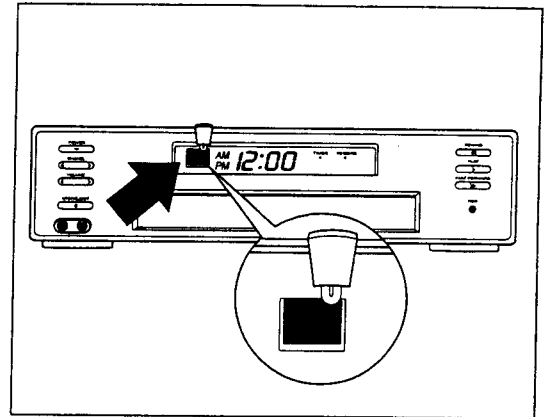
Setting the VCR Code/Channel Number

To set your DSS system to properly control your VCR, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Installation and press (SELECT) or press (5).
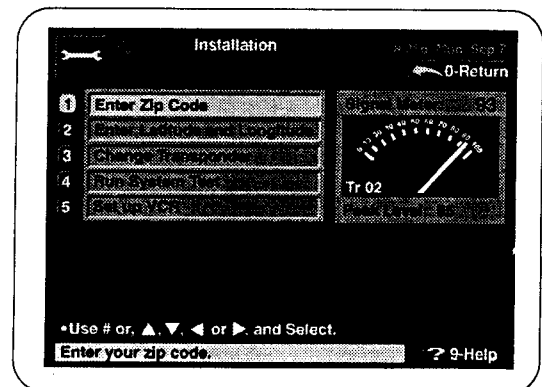
4. Highlight **Set up VCR** and press (SELECT) or press (5).

> Installation   0-Return
>
> Your DSS receiver must have the three-digit VCR code entered for the unit to control your VCR during recordings. To enter the VCR code, select option 1. To setup the channel that your VCR receives the DSS signals, select option 2. To test your VCR code, select option 3.
>
> **1 Enter VCR Code**
> 2   Channel 3
> 3
>
> •Use # or, ▲, ▼, ◀ or ▶, and Select.
> **Enter your VCR code.**   ? 9-Help
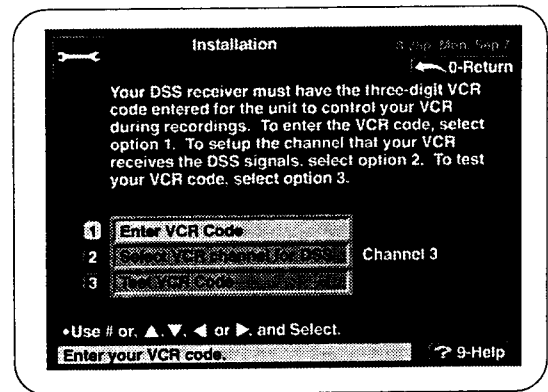
5. Highlight **Enter VCR Code** and press (SELECT) or press (1).

> Installation   0-Return
>
> •Use # or, ▲, ▼, ◀ or ▶, and Select.
> **Enter your VCR code.**   ? 9-Help

6. Enter the code for your VCR using your remote keypad or the ▼, ▲, ◀ or ▶ keys.

   Highlight **Continue** and press (SELECT).

> Installation   0-Return
>
> Your DSS receiver must have the three-digit VCR code entered for the unit to control your VCR during recordings. To enter the VCR code, select option 1. To setup the channel that your VCR receives the DSS signals, select option 2. To test your VCR code, select option 3.
>
> **1 Enter VCR Code**   054
> 2   Channel 3
> 3
>
> •Use # or, ▲, ▼, ◀ or ▶, and Select.
> **Enter your VCR code.**   ? 9-Help
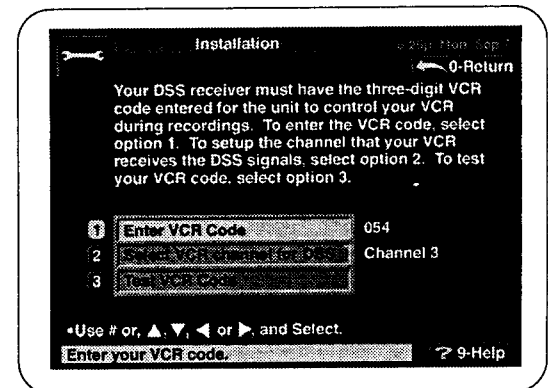
Note Refer to the Addendum for a Manufacturer's list of VCR codes. Some manufacturers list several codes for their VCRs, so you may have to try different codes until you find the one which correctly operates your particular VCR model.

7. Highlight **Select VCR channel for DSS** and press (SELECT) or press ②.

Highlight each field which applies to your VCR and press (SELECT). Then Hichlight **Continue** and press (SELECT).
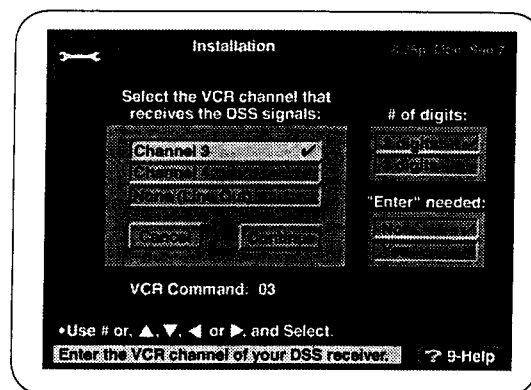
Use this screen to:

❏ Enter the channel which your VCR will receive DSS signals on.

Note If you choose **None (Line Out)**, no channel information is sent before a program starts.

❏ Set the **# of digits** for your VCR's channel format. For example, either **03** or **003**.

❏ Send an **Enter** command if it's required before your VCR will change channels.

8. To test the VCR code you've set for your VCR, Highlight **Test VCR Code** and press (SELECT) or press ③.

The word **Testing...** flashes while the receiver attempts to control your VCR.
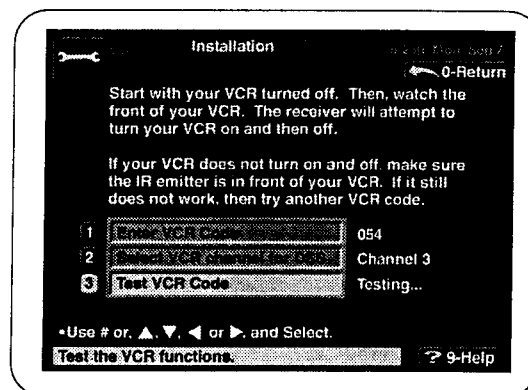
If the code you've set for your VCR is correct, you should see the following during the test:

❏ Your VCR will turn on.

❏ Your VCR will change to the channel you've set.

❏ Your VCR will turn off.

Note If these don't occur, you must set a different code for your VCR.

Setting the Picture's Aspect Ratio

This feature allows you to change the aspect ratio for your picture. There are two ratios, 4:3 for regular television and 16:9 for wide screen television. Currently, most video signals broadcast are in a 4:3 aspect ratio.

To change the aspect ratio, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Picture Size and press (SELECT) or press (6).
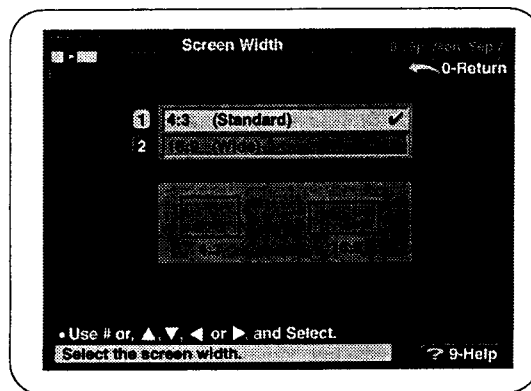
4. Highlight the Aspect Ratio you want and press (SELECT).

The screen aspect ratio is changed and the Options Menu returns.

Note You should only use the 16:9 option if you have a wide screen television. Using this option on a standard television may crop your picture.

Alternate Audio

It is possible for a channel to have different audio tracks available, each track with a different language. When you select Alternate Audio for a channel, a different audio may be selected. Use this feature to set which Alternate Audio, or language, you want played when the Alternate Audio Icon is selected.

Note If the default language you select is not broadcast with a program you choose, then English will be the default language.

To change the default Alternate Audio, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Alternate Audio and press (SELECT) or press ⑦.
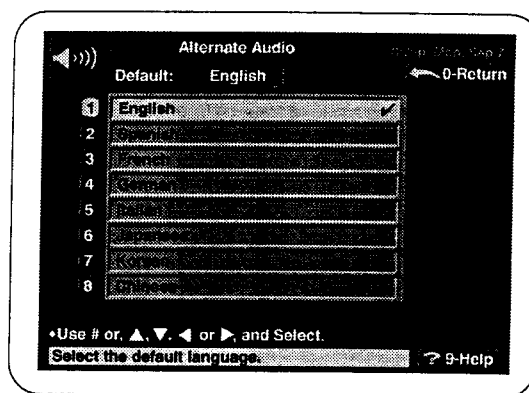
4. Highlight the default language for Alternate Audio, and press (SELECT).

The default Alternate Audio is changed, and the Options Menu returns.

Updating a New Access Card

Periodically, your program provider may issue you a replacement card. This feature lets you transfer the information from your current Access Card to a new Access Card.

To transfer the information, follow these steps:

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press ⑧.

3. Highlight Access Card and press (SELECT) or press ⑧.
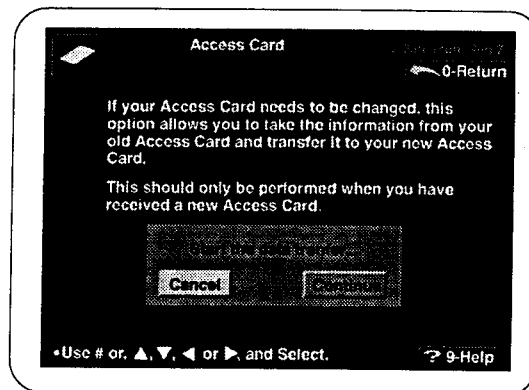
4. Select **Continue** to transfer or **Cancel** to return to the Options Menu.

Note: Once you have transferred the information to your new access card, your old card becomes invalid.

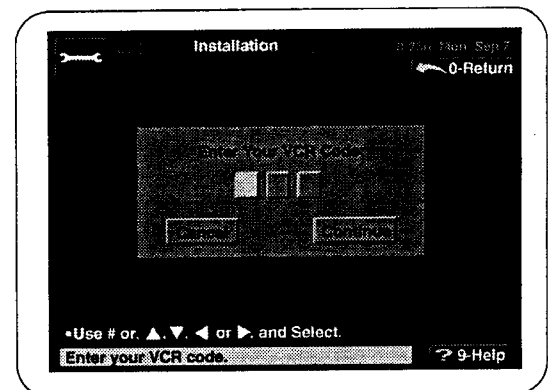# Help

The Help option provides information about each Option Menu item.

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Help and press (SELECT) or press (9).
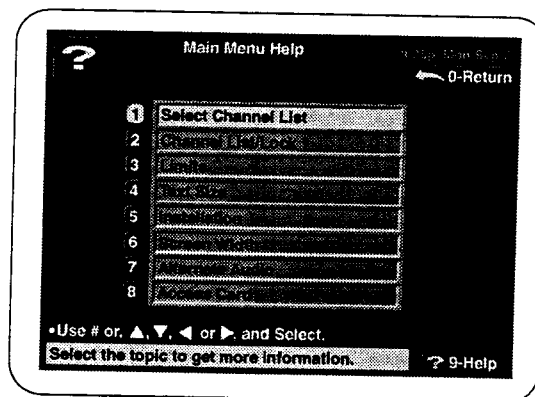
4. Select the Menu Option you want to know more about.

The Program Guide

The Program Guide is an On-Screen schedule of programs. You can use the Program Guide to tune to a program that is showing, or you can use it like a viewing schedule to see what's coming up next. You won't ever have to find some magazine again; you'll just simply press (GUIDE) and see what's on. You can also get more information about a program, change the format to make finding a program easier, or close the guide so you can "channel surf" the many programs available from you program provider.

The Grid Guide

Your Program Guide is presented in a grid format. When you press (GUIDE), a screen similar to this one displays:
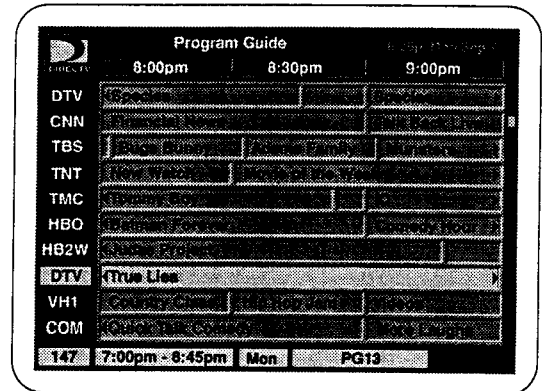
Changing Channel Display

When you select a program guide, you can change the appearance of the channel number display using (LAST). This key will change between channel abbreviations and channel numbers. To change how your channels display in a guide, follow these steps:

1. Display a guide.
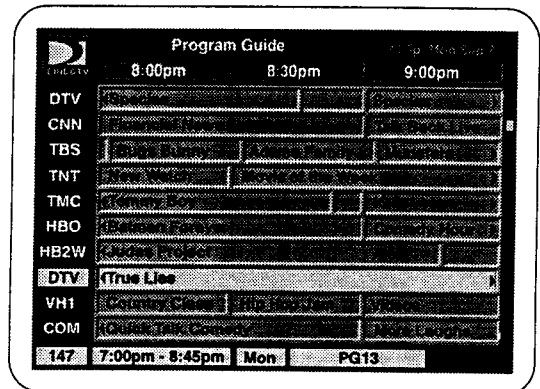
2. Press (LAST) to display
    the channel numbers.

Program Guide		
8:00pm	8:30pm	9:00pm
140		
204		
212		
214		
240		
981		
985		
147	‹True Lies	
970		
985		

DTV | 7:00pm - 8:45pm | Mon | PG-13
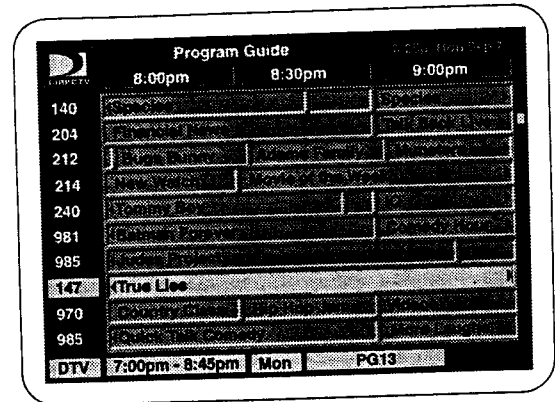
3. Press (LAST) again to
    change back to the
    channel abbreviations.

Program Information

When you Highlight a program, you'll see the channel number,
program rating, and the start and stop times at the bottom of the
screen. This information changes each time you Highlight a
different program. There may also be different Information icons.
There are four icons:

🔒 Indicates the system is locked.

🔓 Indicates the system is temporarily unlocked.

◁ Indicates the channel is broadcasting more than one alternate audio.

[D] Indicates the channel includes a data signal for a computer.

Time Intervals

There are three half hour intervals displayed at the top of the grid,
and you will see a "status" indicator which provides a visual
representation of the time that has passed since the first time slot
started.

For example, if the current time is 8:25pm, then the "status"
indicator shows 25 minutes of the 8:00pm time slot complete.

The grid contains program information for the next 90 minutes. Ten
channels are listed, and programs that have started before the
current time are shown with a ◄ before their name. Likewise,
programs that extends past the current display have a ► after their
name. You'll also see each channel's abbreviation or its number
along the left side of the screen.

Open Grid Guide Features

When the Grid Program Guide is open, you can:

☐ tune to a program

☐ get more information about a selected program

☐ page through the available channels or page forward to see upcoming events.

Tuning to a Program

1. Use the arrow keys or enter the channel directly, and then Highlight the program you want.
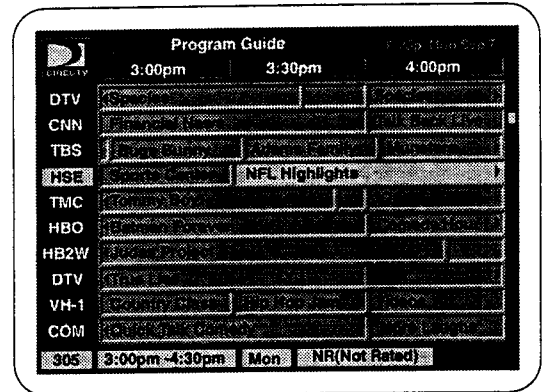
2. Press (SELECT).

   If the program is showing, your receiver changes to the channel, and removes the Program Guide from the screen.

3. If the program is an upcoming event, a Program Information screen similar to this displays.

   For information about viewing or recording upcoming events, refer to Automatic Programming on page 21.
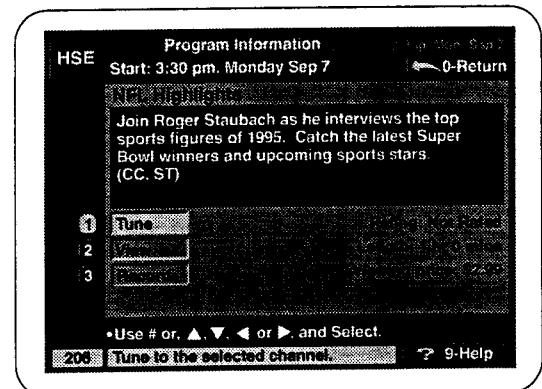
Getting More Information

You can get more information about a program in the Program Guide. If you Highlight a program and press **INFO**, a screen similar to this displays:

An **INFO** box typically contains this information:

☐ Show Title (NFL Highlights)

☐ Year and Show Type (1995, Commentary)

☐ Description (What's it about)

☐ Contents

☐ Closed Caption/Stereo (CC, ST)

To cancel the information box and return to the guide, press **INFO** again.

Paging Through Channels
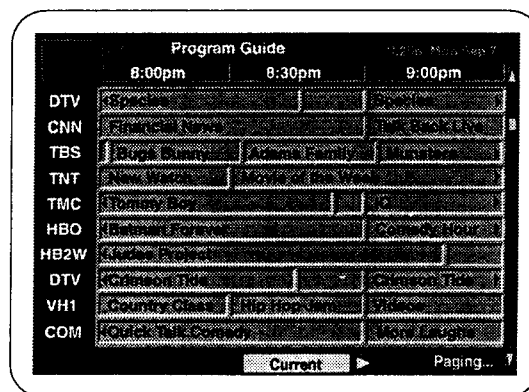
1. Press **PAGE** on your remote to scan 9 channels at a time.

2. Use the ▲ or ▼ key to scroll through the available channels broadcast by your service provider. The window indicator along the right side of the Paging screen indicates what section of the channels are currently in the viewing window.

Note: You can only use the arrow keys while paging.

3. Press **PAGE** again to cancel paging.

Paging Through Upcoming Events

The Program Guide broadcast by your service provider usually has several hours of programming for each available channel. You can view the upcoming events using your page feature.

1. Press **PAGE** on your remote. Notice **Current** is shown in a horizontal paging window at the bottom of the screen.
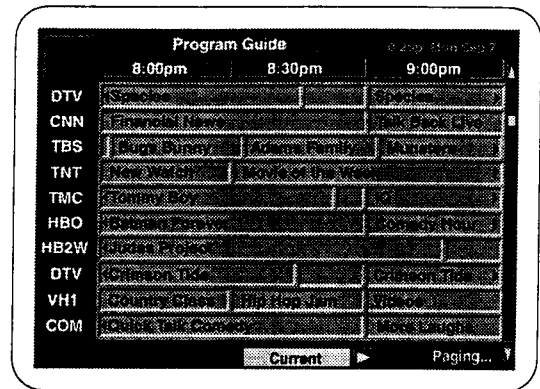
2. Use the ▶ key to page forward (horizontally) through upcoming events. As you move forward, you are simply accessing upcoming time slots.

   Sometimes there is a short pause while the new guide is acquired, and you'll see this screen.

Note: You can only use the arrow keys while paging.

3. Once an extension guide is acquired, it looks similar to this.

   The title of the screen shows how far you have advanced. For example, Program Guide + 3.0 HRS.
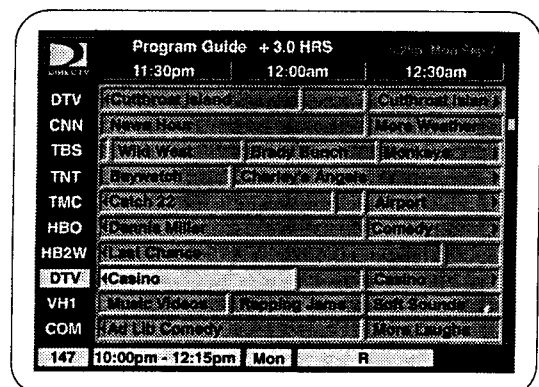
4. Press **PAGE** again to cancel paging.

The Closed Program Guide

You can close the Program Guide to display only the channel logo, the channel abbreviation, and it's number. This is helpful because as you change channels, your screen displays what's currently on for the highlighted channel.

Selecting Open or Closed Guide

Your receiver always remembers which guide was open last, so if you've closed the Program Guide, it remains closed each time you press (GUIDE). Likewise, if the Program Guide is open, it will display in its grid format each time (GUIDE) is selected.

To change from Open to Closed, follow these steps:

1. Highlight any program in the first time slot.
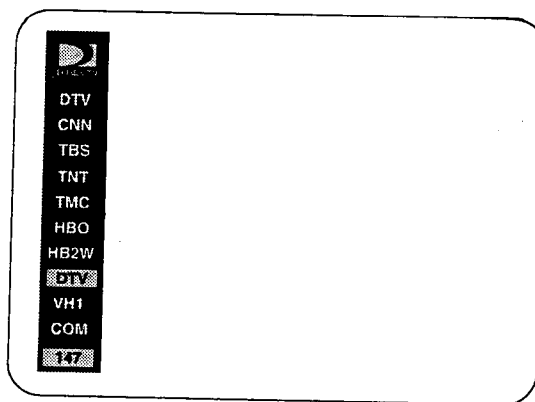
2. Press the ◄ key.

3. To reopen the Program Guide, press the ► key.

Closed Program Guide Functions

When the Program Guide is closed, you can:

❑ channel surf

❑ get more information about the program's provider

❑ page through the available channels

Channel Surfing

The "Channel Surf"
feature allows you to
quickly move through the
channels. The Closed
Program Guide displays
to the left of your screen,
while the current program
for the highlighted
channel displays in the
background.

```
DTV
CNN
TBS
TNT
TMC
HBO
HB2W
DTV
VH1
COM
147
```
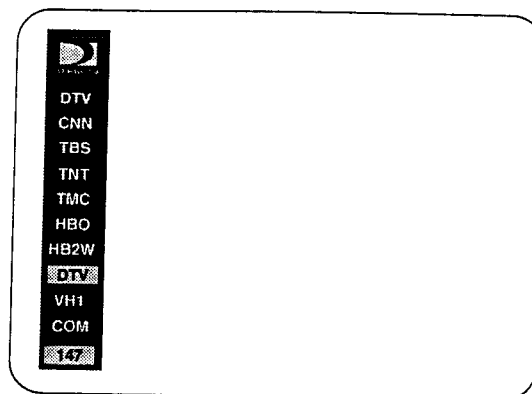
Use either the ▲ or ▼ keys to choose one of the channels listed, or
enter the channel number you want on your remote keypad. As you
highlight different channels, the channel number at the bottom left
of the screen changes, and the channel logo at the top left matches
the channel selected.

If you want to tune to a channel highlight the channel you want, and
press (SELECT).

Getting Channel Information

If you press **INFO** while a
channel is highlighted in
the Closed Program
Guide, a Program's
Provider Information
screen similar to this
displays:

```
HBO
DTV
CNN
TBS
TNT        MultiChannel HBO: 5 channels of America's #1
TMC        premium network features top hit movies, a new
           premier movie EVERY Saturday night, award
HBO        winning series, cutting edge comedy, pro-boxing,
HB2W       all commercial free. Call 1-800-204-USSB now.
DTV
VH1
COM
147
```
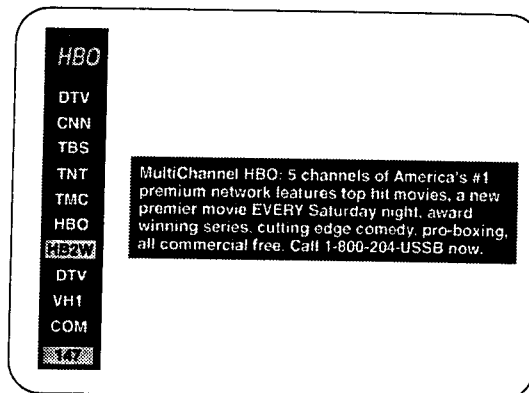
Press **INFO** again to cancel the information and return to the Normal
Closed Guide.

Paging Through Channels

1. Press **PAGE** on your remote to scan 9 channels at a time.

```
DTV
CNN
TBS
TNT
TMC
HBO
HB2W
DTV
VH1
COM
```
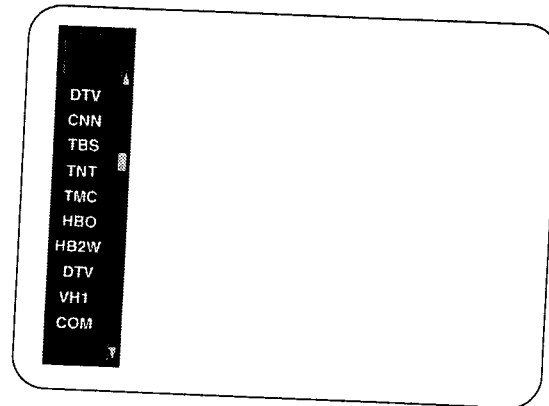
Note: When **PAGE** is selected in Closed Program Guide, the highlighted channel remains tuned while you're in Paging Mode.

2. Use the ▲ or ▼ key to scroll through the available channels broadcast by your service provider. The window indicator along the right side of the Paging screen indicates what section of the channels are currently in the viewing window. You can only use the arrow keys while paging.
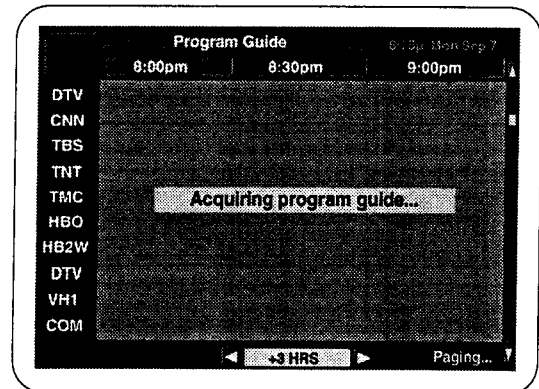
3. Press **PAGE** again to cancel paging.

If you press **EXIT**, all the screens are removed, and the previous channel is tuned.

Single Channel Guide

The Single Channel Guide is a variation of the Program Guide. It allows you to display the upcoming programs for a single channel. The Single Channel Guide can be selected from both the Open and Closed Program Guides.

1. Press (GUIDE) to display the Program Guide.

```
Program Guide
           3:00pm      3:30pm       4:00pm
DTV
CNN
TBS
HSE                NFL Highlights
TMC
HBO
HB2W
DTV
VH-1
COM
305   3:00pm -4:30pm   Mon   NR(Not Rated)
```
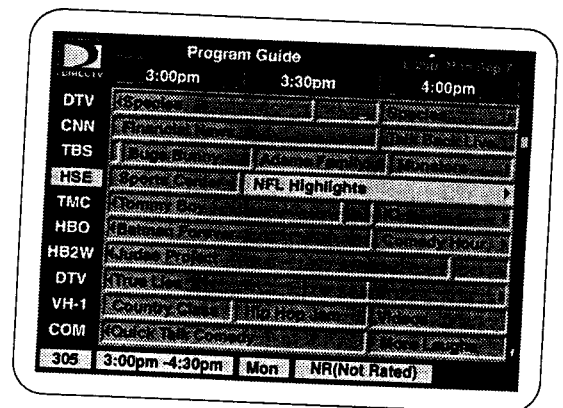
2. Highlight the channel you want using either the arrow keys or direct entry.

3. Press (GUIDE) again.
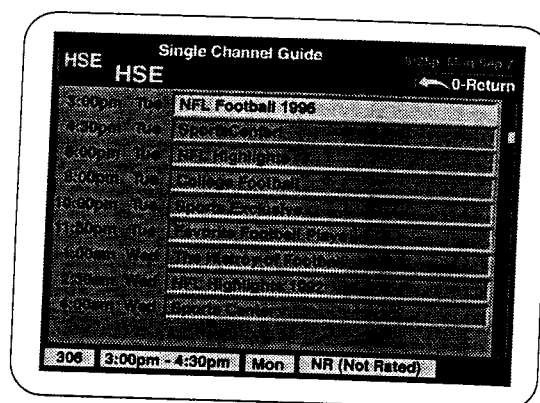
When the Single Channel Guide is displayed, you can:

❑ tune to a current program

❑ get more information about the selected program

❑ page through the available programs

❑ select another channel

Tuning to a Program

1. Use the ▲ and ▼ arrow keys to Highlight the program you want.
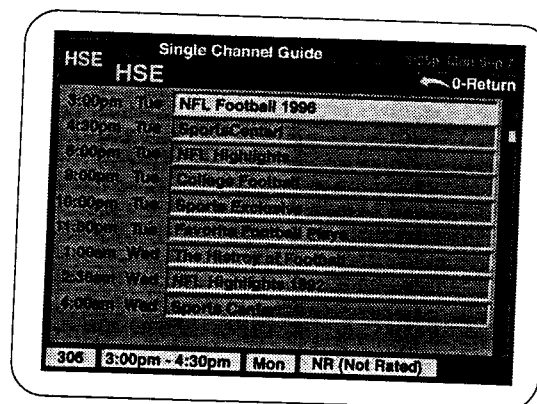
2. Press (SELECT).

If the program is showing, your receiver changes to the channel and removes the Single Channel Guide.

3. If the program is an upcoming event, a Program Information screen similar to this displays.

For information about viewing or recording upcoming events, refer to Automatic Programming on page 21.
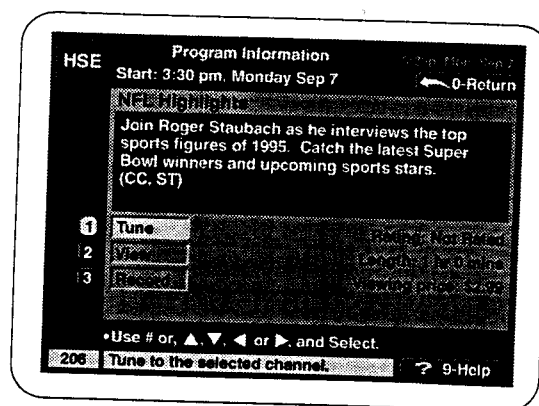
Getting More Information

You can get more information about a program in the Single Channel Guide. If you Highlight a program and press **INFO**, a screen similar to this displays:
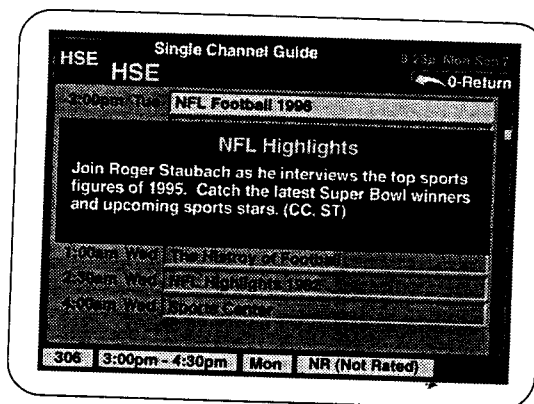
An **INFO** box typically contains this information:

❑ Show Title (NFL Highlights)

❑ Year and Show Type (1995, Commentary)

❑ Description (What's it about)

❑ Contents

❑ Closed Caption/Stereo (CC, ST)

To cancel the information box and return to the guide, press **INFO** again.

Paging Through Programs

1. Press **PAGE** on your remote to scan 9 upcoming events at a time.
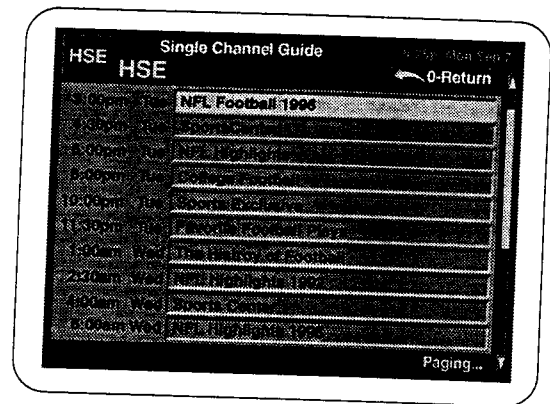
2. Use the ▲ or ▼ keys to scroll through the upcoming events listed in the Single Channel Guide. The window indicator along the right side of the Paging screen indicates how much of the list remains.

Note: You can only use the arrow keys while paging.

3. Press **PAGE** again to cancel paging.

Selecting Another Channel

You can change channels while the Single Channel Guide is displayed, and the guide will automatically be updated.

If you press ◄, the Single Channel Guide for the next lower channel displays,

—or—

If you press ►, the Single Channel Guide for the next higher channel displays.

For example, if the Single Channel Guide for channel 948 is displayed, and you press ◄, then the Single Channel Guide for channel 947 displays.

You can also enter another channel on the remote keypad, and its Single Channel Guide will display.

Favorites

By now you probably know there are many channels, but you may not want to look through all the different channels to find the programs you like best. Favorites provides the opportunity for you to store 10 of your most watched channels in an easy access guide.

Now instead a paging through all the channels in the Program Guide, you can simply select one of the six different Favorite Guides and immediately find what you like to watch.

Favorite Profiles

There are 6 different profiles in Favorites which each store up to 10 of your favorite channels. Each profile can be given a different name, so everyone in your family can have there own "Favorites" guide. Or you can set up different categories like Sports, Movies, News, etc, and then store different channels in each category. When you recall the Sports Favorites, for example, all of your favorite sports channels will be displayed for you.

Storing Favorites

To set up a profile in Favorites, you must display the Favorite Store Screen.

Note When you recall the Favorite Store screen the first time, there are no profiles stored, so the Favorites Store screen displays. This allows you to setup the names of your profiles.

1. Press and hold ⬚ FAV ⬚ for three seconds.

2. Use the ▲ and ▼ keys to Highlight the profile you want to create.

3. There are 10 character positions available for each name. Use the ▲ and ▼ keys to change the characters, and the ◄ and ► keys to select the position of the character. You can use the following characters:
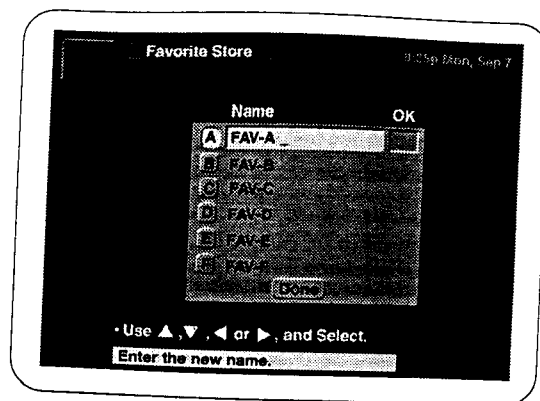
You can use these letters, numbers, or symbols in the name box:

❑ A-Z, a-z

❑ Numbers 0-9

❑ – , / , * and blank

4. After entering each character of the name, press the ► arrow key to Highlight the **OK** box.
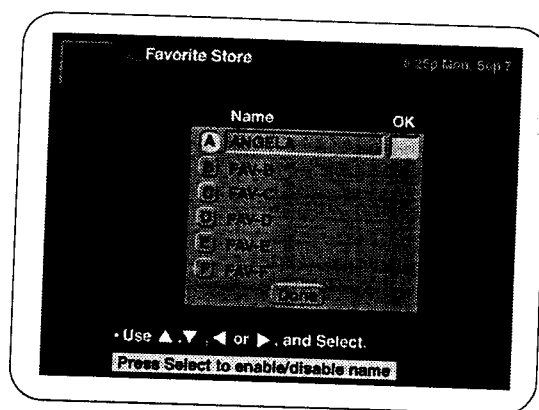
5. Press (SELECT) to place a check-mark in the box.
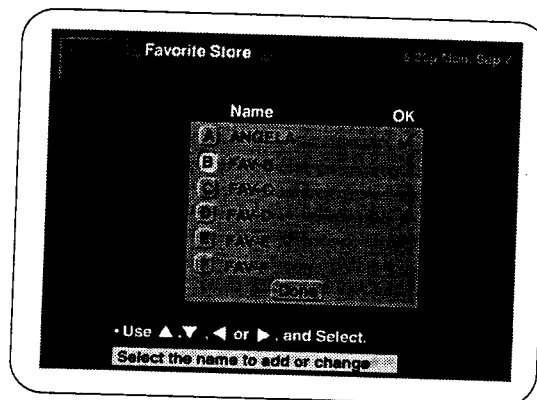
Note: You must check **OK** for the profile to be active. If a profile is not active, it will not be available for recall.

6. Highlight **DONE** and press
   (SELECT).

	Favorite Store	ANGELA	
	1-Select Name	2-Setup Names	0-Return

•Use # or. ◀, ▶, ▲ or ▼ and Select.
Select the Favorite to add or change   ? 9-Help
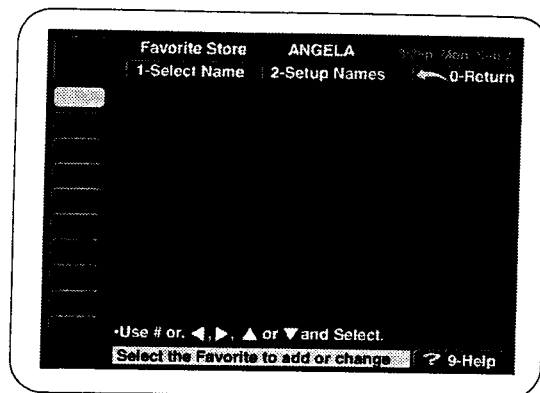
7. Press (SELECT) to display the
   list of available channels.

Favorite Store   ANGELA
0-Return

100 DTV

100   Select the channel to add.

8. Highlight the channel you
   want, and press (SELECT).

	Favorite Store	ANGELA	
DTV	1-Select Name	2-Setup Names	0-Return

•Use # or. ◀, ▶, ▲ or ▼ and Select.
100   Select the Favorite to add or change   ? 9-Help
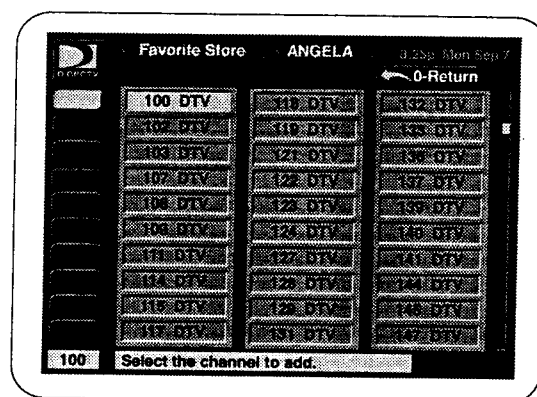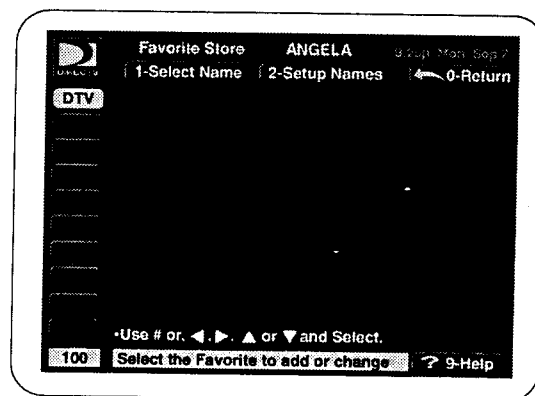
Making Changes to a Favorite

1. Press and hold [FAV] for three seconds.
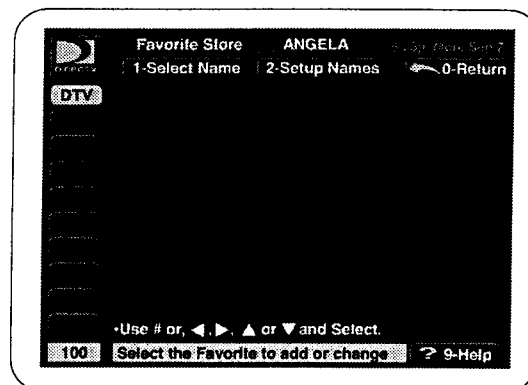
2. When you recall the Favorite Store Screen, the last profile viewed appears at the top of the screen. To change to a different profile, Highlight **1-Select Name** and press (SELECT), or press ①.
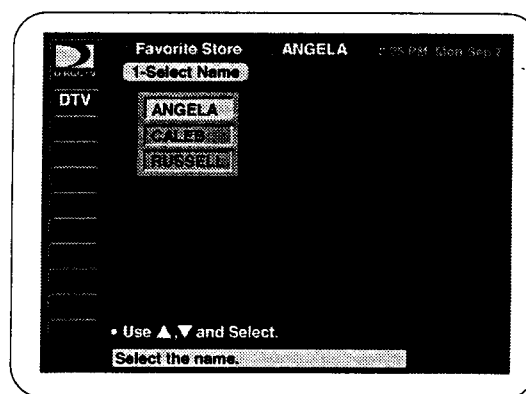
3. All of the active profiles display. If only one profile is active, then only one name appears. If all six profiles are active, then all six appear.

4. Highlight the profile you want, and press (SELECT).

   The profile you select now displays at the top of the Favorite Store Screen each time you access the Favorites Store Screen.

5. Highlight the button you want to store a new favorite in or that you want to change, and press (SELECT).
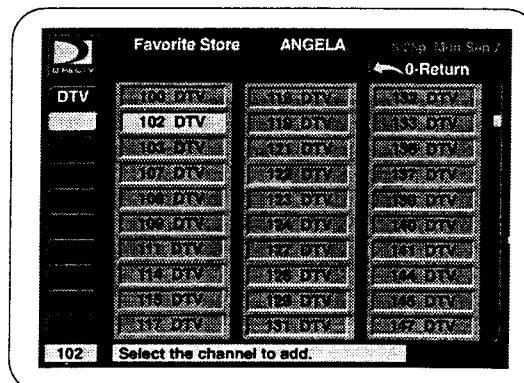
6. Use the ▲, ▼, ◄ and ► keys to select the channel you want stored in the highlighted button. You can also enter the channel number directly.

Note: You can press **PAGE** to scroll through all the channels.

7. Once the channel you want is Highlighted, press (SELECT) to store the channel.
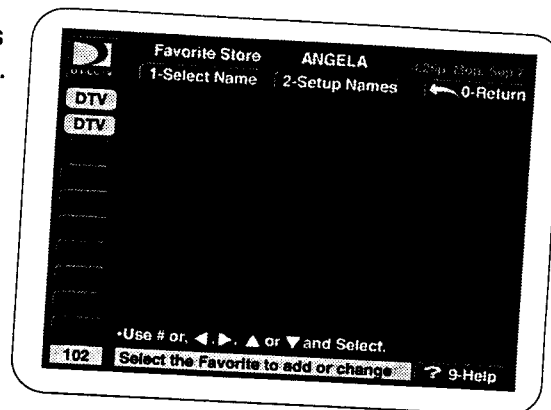
8. Repeat Steps 3-5 until you have stored all 10 channels or the ones you want in this profile.

9. To return to Normal Viewing, press ⓪ on your remote or Highlight **0-Return**, and press (SELECT).

Recalling Favorites

To recall your Favorite Channels, follow these steps:

1. Press [FAV] to display the Favorites Guide.
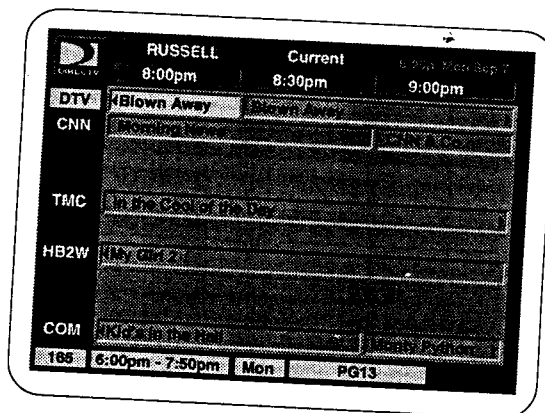
The last profile used is always displayed.

2. If there are more profiles available, then you can select a different profile while the Favorite Recall Screen is displayed.

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3. Press ⬛FAV⬛ again to change to a different profile.

For example, assume that RUSSELL, ANGELA and CALEB are active lists, **OK** is checked, and each one has at least one channel in them. Each time ⬛FAV⬛ is pressed, the next Favorite List displays:

❑ Press ⬛FAV⬛ to display RUSSELL's Profile

❑ Press ⬛FAV⬛ to display ANGELA's Profile

❑ Press ⬛FAV⬛ to display CALEB's Profile

❑ Press ⬛FAV⬛ to display RUSSELL's Profile

etc...

Tuning to a Favorite Channel

1. Press ⬛FAV⬛ to display the Favorite Guide.

2. Choose the profile you want by pressing ⬛FAV⬛ until the name you want displays.

3. Highlight the program you want, and press ⬚SELECT⬚.

The Favorite Guide is removed and the channel selected displays.

Favorite Channel Guide

The Favorite Guide is similar to the Program Guide except it only displays the channels stored in a Favorites Profile.
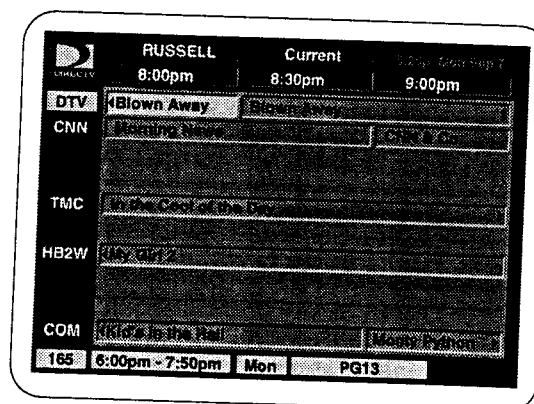
With this guide, you can:

❑ tune to a program

❑ get more information about a program

❑ page through upcoming events

❑ display a Single Channel Guide for each Favorite

❑ display a Closed Favorite Recall Guide.

Tuning to Program

1. Use the arrow keys or enter the channel number directly, and then Highlight the program you want.

2. Press (SELECT).

   If the program is showing, your receiver changes to the channel, and removes the Favorite Guide.

3. If the program is an upcoming event, a Program Information screen similar to this displays.

   For information about viewing or recording upcoming events, refer to Automatic Programming on page 21.
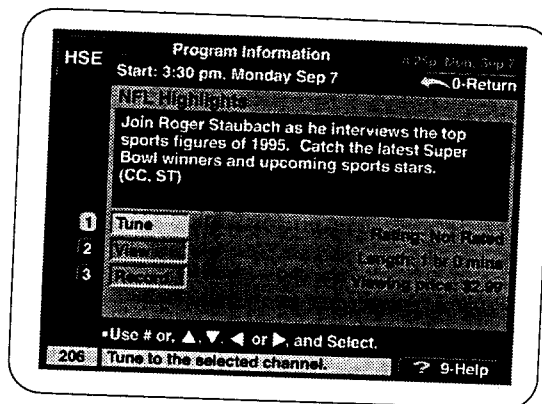
Getting More Information

You can get more information about a program in the Favorite Guide. If you Highlight a program and press **INFO**, a screen similar to this displays:
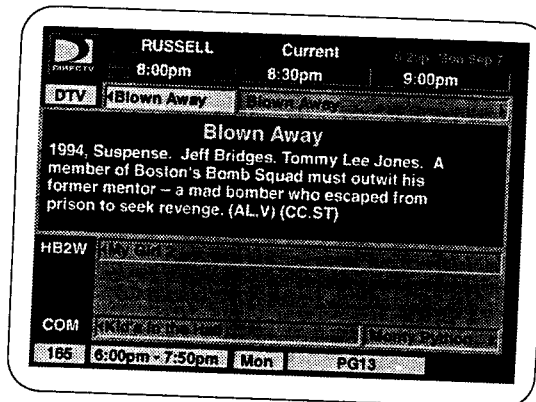
An **INFO** box typically contains this information:
- Show Title(Blown Away)
- Year and Show Type(1994, Suspense)
- Description(What's it about)
- Contents(AL, V) Adult Language, Violence
- Closed Caption/Stereo(CC, ST) Closed Caption, Stereo

To remove the information box, press **INFO** again.

Paging Through Upcoming Events

You can access upcoming programs for the channels listed in your profile, and see what will be on later.

1. Press **PAGE** on your remote. Notice **Current** is shown in a horizontal paging window at the bottom of the screen.
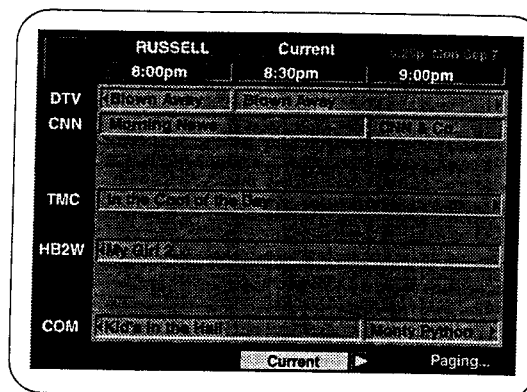
2. Use the ▶ or ◀ key to page forward (horizontally) through upcoming events. As you move forward, you are simply accessing upcoming time slots. Sometimes there is a short pause while the new guide is acquired.
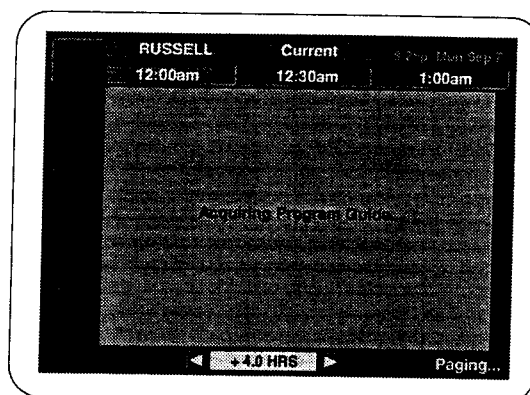
Note: You can only use the arrow keys while paging.

3. Once an extension guide is acquired, it looks similar to this.

   The title of the screen shows how far you have advanced. For example, Favorite Guide + 5.0 HRS.
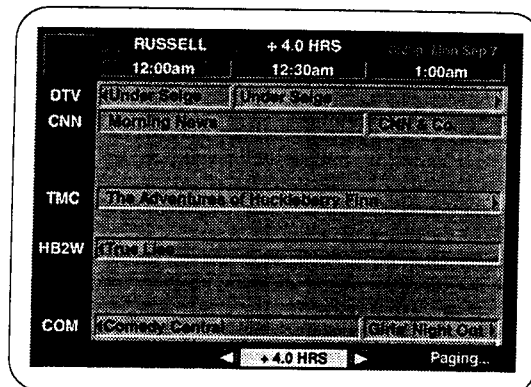
4. Press **PAGE** again to cancel paging.

Displaying a Single Channel Guide

1. Highlight one of your Favorite Channels.

2. Press (GUIDE) to display a Single Channel Guide.

Closed Favorite Recall Guide

You can close the Favorite Guide to display only the channel logo, the channel abbreviation, and it's number. This is helpful because as you change channels, your screen displays what's currently on for the highlighted channel.

Selecting Open or Closed Guide

Your receiver always remembers which guide was open last, so if you've closed the Favorite Guide, it remains closed each time you press [FAV]. Likewise, if the Favorite Guide is open, it will display in its grid format each time [FAV] is selected.

To change from Open to Closed, follow these steps:

1. Highlight any program in the first time slot.
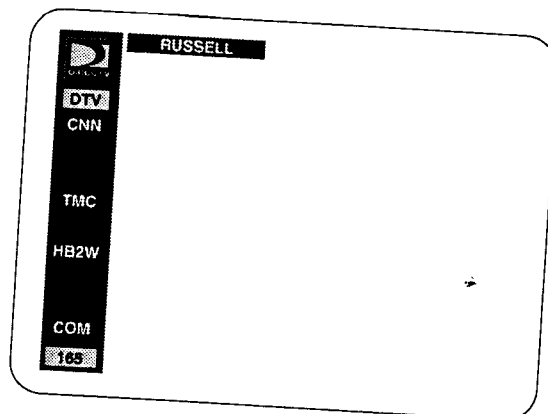
2. Press the ◄ key.

3. To reopen the Program Guide, press the ► key.

Closed Favorite Guide Functions

When the Favorite Guide is closed, you can:

❑ channel surf

❑ get more information about the program's provider

❑ page through the available channels

For information about how these features are used, refer to "Closed Program Guide Functions" on page 60.

Return to Normal Viewing

Press **EXIT** while the Favorite Channel Guide is displayed to remove all screens.

Themes

By selecting Themes you can create guides where the programs are grouped together according to specific categories. For example, you could select all the channels which broadcast Sports. This is similar to Favorites except your guide will list all the channels related to sports instead of ten of your favorite channels.

Suppose, you are really just interested in Football and Baseball, well you can narrow the themes to more specific sub-categories. Your guide will contain all the sports channels you receive that are broadcasting either Football or Baseball. You don't even have to look at a TV magazine or Newspaper to find out what's on. All you have to do is press a few buttons, and the information you want will display right on your screen.

Selecting a Theme

To select and display a Theme guide, follow these steps:

1. Press [THEME] on your remote to display the Themes Screen.
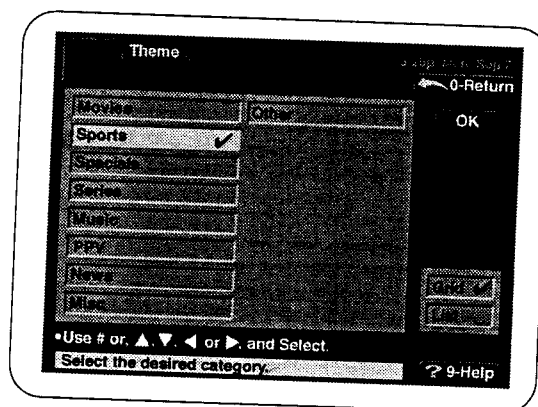
2. Use the ▲, ▼, ◄, or ► arrow keys to Highlight the Main Category of your Theme Guide, and press Select to put a check-mark next to what you want.

3. Highlight Grid and press (SELECT) to display the Theme Guide as a grid guide,

   —or—

   Highlight List and press (SELECT) to display the Theme Guide as a list guide beginning with the current programs first, followed by upcoming events.

4. Highlight **OK** and press Select to display the Sub-Category Screen.
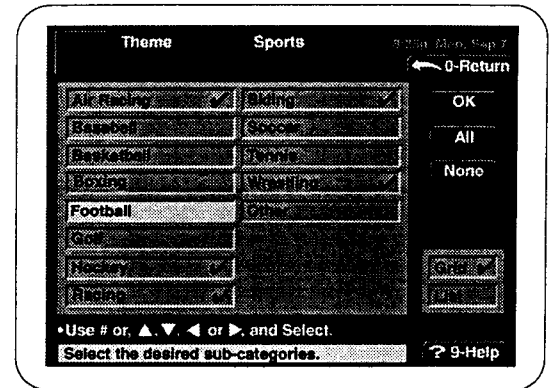
5. Use the ▲, ▼, ◄, or ► arrow keys to Highlight the Sub-Categories of your Theme Guide, and press ⌕SELECT⌕ to put a check-mark next to those you want. To quickly check or uncheck all the categories, you can:

   Highlight **All** and press ⌕SELECT⌕, to put a check-mark next to all the sub-categories,

   —or—

   Highlight **None** and press ⌕SELECT⌕ to clear all the check-marks and start again.

6. Highlight **OK** and press ⌕SELECT⌕ to store the Sub-Categories and display the guide.
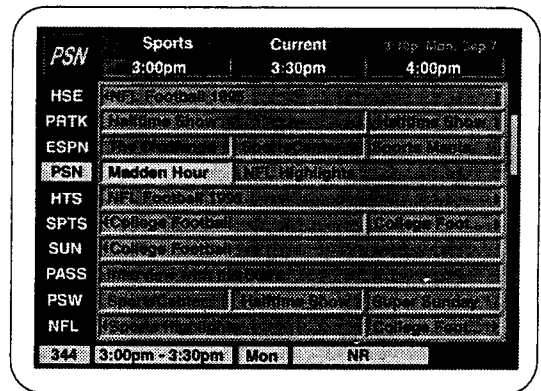
7. If you want to cancel Themes and return to Normal Viewing, press ⓪ or move the cursor to the **0-Return** and press ⌕SELECT⌕.

The Themes Guide

The Theme Guide can be presented in either a grid format similar to a Program Guide or in a List Format similar to a Single Channel Guide. Although the formats are different, both provide the same information and options. When the Themes Guide displays, you'll be able to:

❑ tune to a program

❑ get more information about a selected program

❑ present a Single Channel Guide for a channel

❑ page through the available channels

❑ page forward to see upcoming events.

The Grid Themes Guide

If you select Grid on the Category Screen, the Themes Guide displays in a grid similar to the Program Guide.

Tuning to a Program

1. Use the arrow keys or enter the channel directly, and then Highlight the program you want.

2. Press (SELECT).

   If the program is showing, your receiver changes to the channel, and removes the Themes Guide.

3. If the program is an upcoming event, a Program Information screen similar to this displays.

   For information about viewing or recording upcoming events, refer to Automatic Programming on page 21.

Getting More Information

You can get more information about a program in the Grid Themes Guide. If you Highlight a program and press **INFO**, a screen similar to this displays:
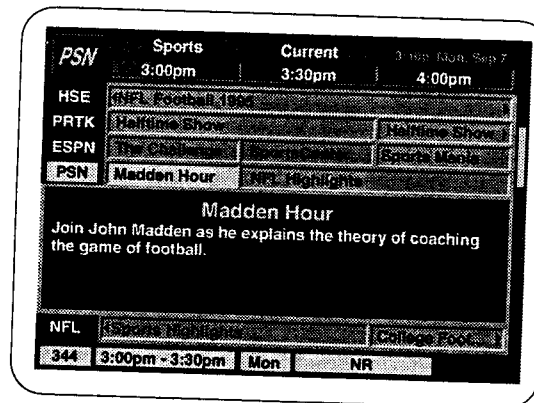

An **INFO** box typically contains this information:
❑ Show Title
❑ Year and Show Type
❑ Description
❑ Contents (What's it about)
❑ Closed Caption/Stereo (CC, ST)

To cancel the information box and return to the guide, press **INFO** again.

Themes

Single Channel Guide

The Single Channel Guide is a variation of both the Grid and List Theme Guides. It allows you to display the upcoming programs for a single channel. It begins with the current program and continues with upcoming events.

1. Highlight the channel you want from the Grid Themes Guide using either the arrow keys or by entering the numbers.

2. Press (GUIDE) to display the channel in a Single Channel Guide format.

   When the Single Channel Guide is displayed, you can:
   ❑ tune to a program
   ❑ get more information about the selected program
   ❑ page through the available programs.

   For more information about these features, see "Single Channel Guide" on page 62.

Paging Through Channels

1. Press **PAGE** on your remote to scan 9 channels at a time.

2. Use the ▲ or ▼ key to scroll through the channels presented in the Themes Guide. The window indicator along the right side of the Paging screen indicates what section of the channels are currently in the viewing window.

Note: You can only use the arrow keys while paging, and if there are fewer that 10 channels in the guide, the paging bar doesn't display.

3. Press **PAGE** again to cancel paging and return to the Nomal Themes Guide.

Paging Through Upcoming Events

1. Press **PAGE** on your remote. Notice **Current** in the horizontal paging window at the bottom of the screen.
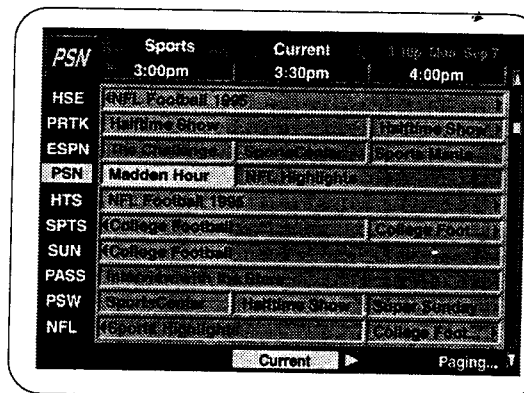
2. Use the ▶ arrow key to page forward (horizontally) through upcoming events. As you move forward, you are simply accessing upcoming time slots.

Sometimes there is a short pause while the new guide is acquired, and you'll see this screen.
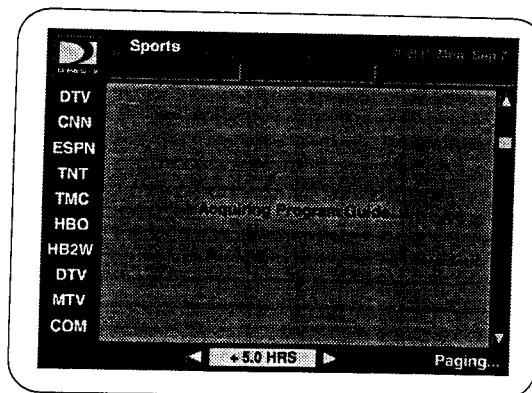
Note: You can only use the arrow keys while paging.

3. Once an extension guide is acquired, it looks similar to this.

The title of the screen shows how far you have advanced. For example, Themes Movies + 5.0 HRS.
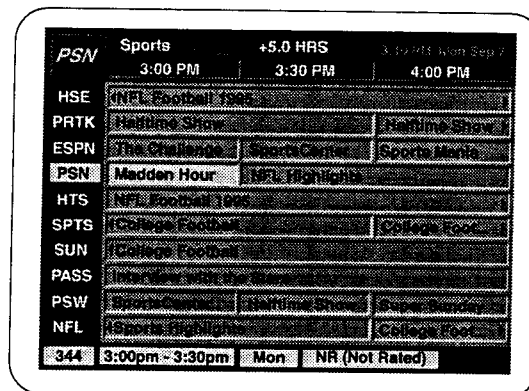
4. Press **PAGE** again to cancel paging and return to the Normal Theme Guide.

Closed Mode

You can close the Themes Guide by Highlighting any program in the first time slot, and pressing the ◀ arrow key. The guide will close like the Closed Program Guide. In the closed mode, you can:

❑ tune to a channel

❑ get information about the program's provider

❑ page through the available channels.

For more information about these features, see "The Closed Program Guide" on page 60.

The List Themes Guide

If you select List on the
Category Screen, the
Themes Guide displays
in a list similar to the
Single Channel Guide.
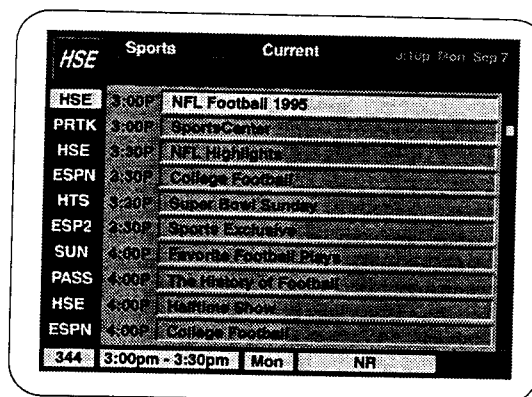
Tuning to a Program

1. Use the arrow keys to
   Highlight the program
   you want.
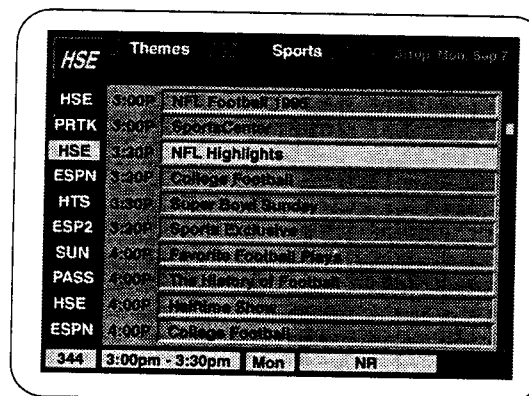
2. Press (SELECT).

   If the program is showing, your receiver changes to the channel,
   and removes the Themes Guide.

3. If the program is an
   upcoming event, a
   Program Information
   screen similar to this
   displays.

   For information about
   viewing or recording
   upcoming events, refer
   to Automatic
   Programming on page
   21.
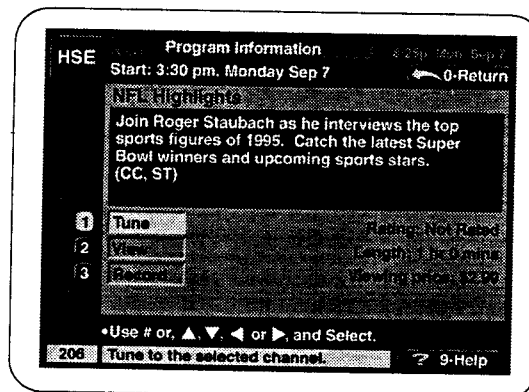
Getting More Information

You can get more information about a program in the List Themes Guide. If you Highlight a program and press **INFO**, a screen similar to this displays:
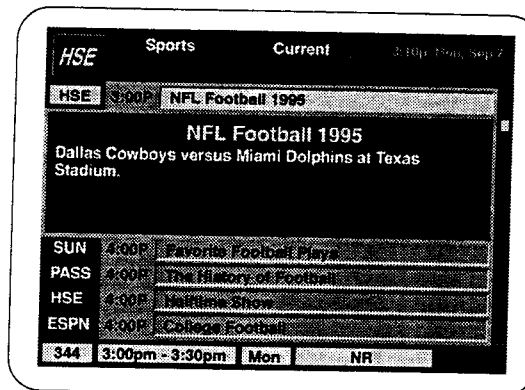
An **INFO** box typically contains this information:

❑ Show Title

❑ Year and Show Type

❑ Description (What's it about)

❑ Contents

❑ Closed Caption/Stereo (CC, ST)

To remove the information box and return to the guide, press **INFO** again.

Single Channel Guide

The Single Channel Guide is a variation of both the Grid and List Theme Guides. It allows you to display the upcoming programs for a single channel in a list which begins with the current program and continues with upcoming events.

1. Highlight the channel you want from the List Themes Guide using either the arrow keys or entering the channel number directly.

2. Press ⟨GUIDE⟩ to display the channel in a Single Channel Guide format.

When the Single Channel Guide is displayed, you can:

❏ tune to a program

❏ get more information about the selected program

❏ page through the available programs

For more information about these features, see "Single Channel Guide" on page 62.

Paging Through Channels

1. Press **PAGE** on your remote to scan 9 channels at a time.

2. Use the ▲ or ▼ key to scroll through the channels presented in the Themes Guide. The window indicator along the right side of the Paging screen indicates what section of the channels are currently in the viewing window.

Note: You can only use the arrow keys while paging, and if there are fewer that 10 channels in the guide, the paging bar doesn't display.

3. Press **PAGE** again to cancel paging and return to the Nomal Themes Guide.

Pay-Per-View (PPV)

What is Pay-Per-View (PPV)

With Pay-Per-View (PPV) you can purchase each program on event-by-event basis. Your service provider offers many PPV channels, so you can always find something new and exciting to watch. And since most movies are broadcast at several different times each day, you'll never have to wait long before a program is available for viewing.

Purchase Information

If you tune to a PPV channel when a program is available, this message displays.

Press Select for Purchase Information
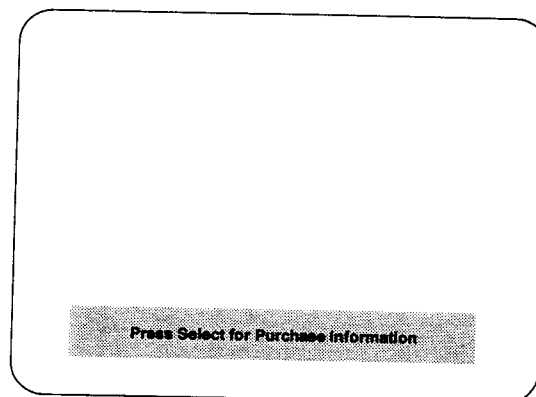
There are three ways to purchase a program:
- ❑ select a PPV channel with your remote.
- ❑ select a PPV program from one of the On-Screen Guides
- ❑ call your service provider (there may be an additional fee).

Purchasing an Event

To purchase an event, follow these steps:

1. Use your remote to tune to the channel with the program you want to purchase and press (SELECT), or Highlight and Select a PPV event from any of the different on-screen guides.

2. Once the Program Information Screen displays, and you can either purchase the program now or view other show times.

> **Program Information**
> Start: 3:30 pm, Monday Sep 7
> 0-Return
>
> 1994, Action/Adventure. Arnold Scwarzenengger, Jamie Lee Curtis. The wife of America's top agent thinks he is a boring salesman and the confusion leads them into a global crisis involving a terrorist plot. (L, V) (CC, ST)
>
> 1 Tune
> 2 Times
> ❸ Buy
> 4 Record
>
> • Use # or, ▲, ▼, ◀ or ▶, and Select.
> 147 Tune to the selected channel.   ? 9-Help
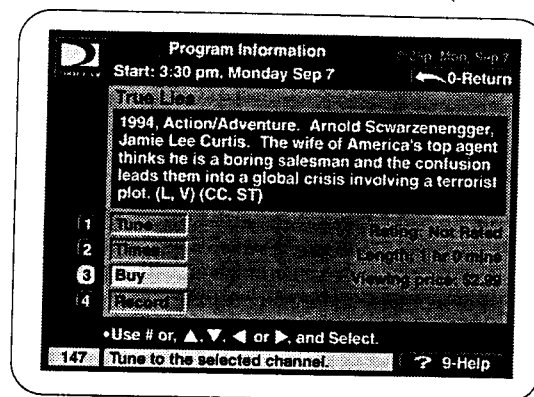
Note If you want to purchase the program at a later time, see "Other Times" below.

3. Highlight **3-Buy** and press (SELECT) to purchase the program.

> **Program Information**
> Start: 3:30 pm, Monday Sep 7
> 0-Return
>
> 1994, Action/Adventure. Arnold Scwarzenengger, Jamie Lee Curtis. The wife of America's top agent thinks he is a boring salesman and the confusion leads them into a global crisis involving a terrorist plot. (L, V) (CC, ST)
>
> Do you want to purchase this program?
> Yes No
>
> • Use # or, ▲, ▼, ◀ or ▶, and Select.
> 147 Do you want to purchase?   ? 9-Help

4. Highlight **Yes** and press (SELECT) to confirm your purchase,

—or—

Highlight **No** and press (SELECT) to return to the Program Information Screen.

> **Program Information**
> Start: 3:30 pm, Monday Sep 7
> 0-Return
>
> 1994, Action/Adventure. Arnold Scwarzenengger, Jamie Lee Curtis. The wife of America's top agent thinks he is a boring salesman and the confusion leads them into a global crisis involving a terrorist plot. (L, V) (CC, ST)
>
> Did you purchase?
>
> • Use # or, ◀, ▶, ▲ or ▼, and Select.
> 147 Return to previous screen.   ? 9-Help

Other Times

To purchase the PPV program at a later time, follow these steps:

1. Highlight **2-Times** and press ⬭SELECT⬭ to view other times the program is shown.

   The Other Show Times Screen displays.

   If the last show time has a ▼ arrow, this indicates that other times are available, and you should use the ▲ and ▼ keys to scroll through all the times available.

2. Selecting an upcoming program displays the Program Information Screen again.

   Choose **3-Buy** to purchase the program and store the program in the Future Purchases Screen.

3. Either choice displays the Purchase Confirmation Screen.

   Highlight **Yes** and press ⬭SELECT⬭ to confirm your purchase,

   —or—

   Highlight **No** and press ⬭SELECT⬭ to return to the Program Information Screen.
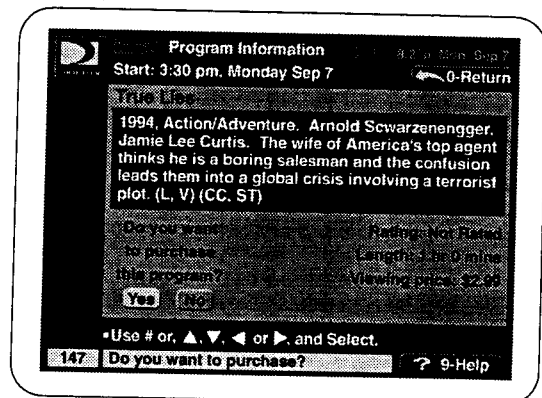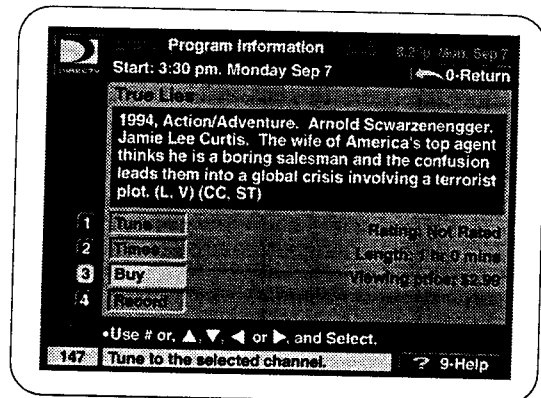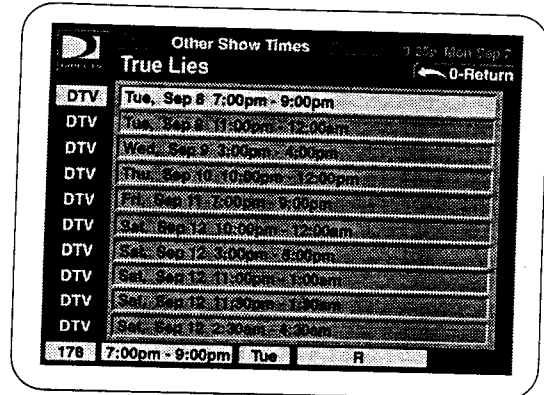
Taping Option

Since PPV programs are typically new releases, your service provider may not allow the show to be recorded at its lower view only price. However, you'll be given the option of taping the program at a higher cost.

1. When you select a program with a recording price, a screen similar to this displays.


```
            Program Information
   Start: 3:30 pm. Monday Sep 7          0-Return

   1994, Action/Adventure.  Arnold Scwarzenengger,
   Jamie Lee Curtis.  The wife of America's top agent
   thinks he is a boring salesman and the confusion
   leads them into a global crisis involving a terrorist
   plot. (L, V) (CC, ST)

 1
 2
 3
 0    Record

     •Use # or, ▲, ▼, ◄ or ▶, and Select.
 147  Tune to the selected channel.          ? 9-Help
```
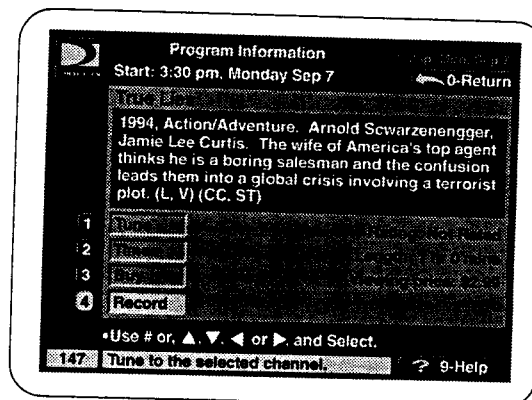
2. Select the **4-Tape** option, to purchase the program for recording. Your service provider may charge a higher price for the taping option. Use the On-Screen programming to tape the program or store the program in the Timer.

Note: You must also program your VCR to start recording when the program begins.

Your Remote Control

Your DSS remote control for the UDS 200 has four different modes of operation. This allows your remote to access and control other equipment in your entertainment system such as your TV, VCR or cable box.

Installing Batteries in Your Remote

Your remote requires two AA batteries which are included in the packaging provided with your receiver. Follow these steps to install the batteries in your remote:

1. Press on the cover and slide it down.
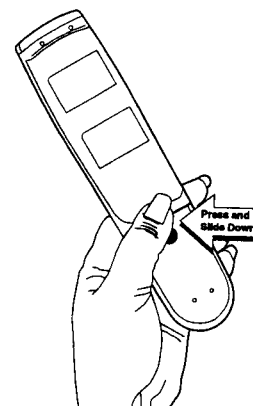
2. Remove the cover, and place the batteries in the compartment.

   Note: Insert the "–" and "+" ends according to the diagram.
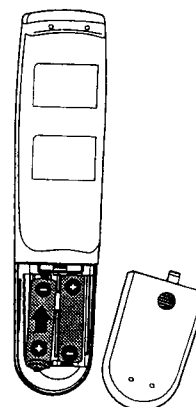
3. Replace the battery cover, and slide it into place.

Attaching the UHF Antenna

Your remote sends both a UHF and an infra-red (IR) signal when you select its DSS mode. Unlike IR, which is often called "line-of-sight," the UHF signal is omnidirectional. This simply means the UHF signal can control your receiver without you pointing the remote directly at the receiver's front panel. The UHF signal also increases the range of your remote.

To attach the UHF antenna to your receiver, follow these steps:

1. Select either the wand or dipole antenna.

Note Since both antennas work the same, you should choose the antenna which best meets your installation needs.

2. Attach the antenna you've selected to the back of your receiver.

3. If you use the UHF wand antenna, make sure it's upright.

   You must have 4 – 6 inches above your receiver to use the wand antenna.

   —or—

   If you use the dipole antenna, attach it to the wall behind your receiver for best reception.
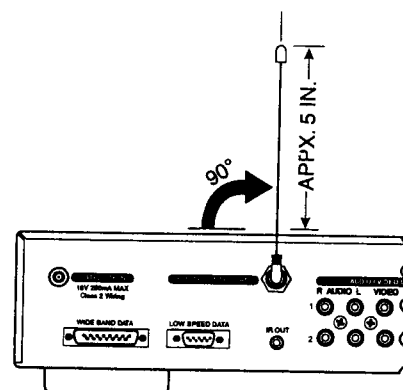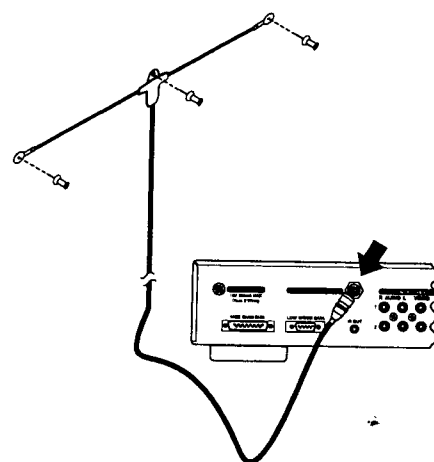
Programming Your Remote

There are four different buttons on the remote which are used to select each mode, and each button has an indicator that lights when it's selected.

Setting the TV/VCR Modes

To program the remote control to control your TV or VCR, follow these steps:

1. Press and hold the (PROG) key for 3 seconds. After 3 seconds, the four mode keys begin to flash.

2. After the four mode keys begin flashing, press either the TV or VCR mode key.

   Once a mode key is pressed, it stops flashing and all of the other mode keys are turned off.

3. Enter the 3 digit code that matches your particular product.

Note: See the Appendix for a list of codes by product and manufacturer.

4. After all 3 digits are entered, the mode key flashes twice if a correct code has been entered.

   For example, to program the remote control for a Mitsubishi TV:

   ❑ Press and hold the (PROG) key. After 3 seconds, all mode keys start flashing.

   ❑ Press TV. The TV mode key is now selected, and all the others are turned off.

   ❑ Press ①, ⑤, ⓪. You will see the TV key flash two times.

5. There are multiple codes for a single brand of product. To see if the remote code is correct, point the remote toward your TV or VCR, and press power, channel ▲ or ▼, etc. If your product doesn't respond to the remote commands, repeat these steps using the next code listed by your manufacturer.

Note Laser dics are programmed under the VCR mode.

Setting the AUX Mode

Programming the **AUX** mode of the remote control is slightly different because this mode can be used to control a cable box, second TV or VCR, the Bose™ Companion System, or even an additional DSS receiver. Follow these steps to set the **AUX** mode:

1. Press and hold the (PROG) key for 3 seconds. After 3 seconds, the four mode keys begin to flash.

2. After the 4 mode keys begin flashing, press the **AUX** key.

3. If your going to use your remote to control your Bose™ system, cable box, or laser disc, then skip this step

   —or—

   If you are going to use AUX to control another DSS receiver, TV, or VCR, press the mode key you want.

   *(The mode key you select will flash twice, but the **AUX** mode will remain on.)*

4. Now enter the 3 digit code for the device you want to program into **AUX**.

Note: See the Appendix for a list of codes by product and manufacturer.

5. After all 3 digits are entered, the mode key flashes twice if a correct code has been entered.

   For example, to program the AUX key for a Mitsubishi TV:

   ❑ Press and hold the (PROG) key. After 3 seconds, all mode keys start flashing.

   ❑ Press **AUX**. The AUX key is now selected, and all the others are turned off.

   ❑ Press **TV**. The TV key flashes twice, and the AUX key remains on.

   ❑ Press ①, ⑤, ⓪. You will see the AUX key flash twice.

6. There are multiple codes for a single brand of product. To see if the remote code is correct, point the remote toward the product it should now control, and press power, channel ▲ or ▼, etc. If the product doesn't respond to the remote commands, repeat these steps using the next code listed for your manufacturer.

Setting the DSS Mode

While the remote is in DSS mode, all remote keys operate your DSS receiver. When there is more than one receiver in a room, there is a possibility that different remotes will interfere with each other. To prevent this, your remote can be programmed with eight different DSS remote codes.

For the remote control to operate correctly, it must match the receiver's remote setting. This means that if you change your remote control's code, you must also change the receiver's code.

Changing the Remote's Code

To change the remote control code, follow these steps:

1. Press and hold the (PROG) key for 3 seconds. After 3 seconds, the four mode keys begin to flash.

2. Press the **DSS** mode key.

   (Once this key is pressed the other mode keys stop flashing and are turned off.)

3. Enter one of these eight 3-digit codes for your remote.
   (101, 102, 103, 104, 201, 202, 203, 204)

4. After the code is entered, the mode key flashes twice if a correct code has been entered.

Note The code on your receiver must match the code on your remote. If not, the remote will not work.

Changing the Receiver's Code

To change the receiver's remote control code, follow these steps:

1. Press **TV/DSS** and **SELECT** on the front panel of your receiver at the same time.
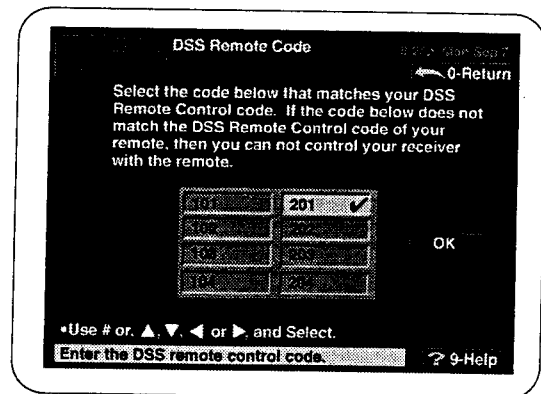
2. Highlight the DSS remote control code that matches the code for your remote, and press **SELECT**.

Note: For the UDS 200, the default remote code is 201.

3. Highlight **OK**, and press **SELECT**.

   The new code is stored and your receiver will return to Normal Viewing.

Addendum

Remote Control/VCR Setup Codes

TV Codes

A-Mark 003
Abex 032
Admiral 093
Adventure 046
Aiko 092
Akai 030, 098
Alaron 216
Alleron 179, 183
Ambassador 177
AOC 003, 019, 030, 052, 137, 185
Archer 003
Astro Text 379
Audiovox 003, 180
Belcor 019
Bell & Howell 016, 154
Bradford 180
Broksonic 003
Candle 030, 046, 056, 186
Carver 054
CCE 217, 329
Celebrity 000
Citizen 030, 039, 046, 056, 060,
. . . . 092, 186, 280
Clairtone 185
Concerto 056
Contec 157, 158, 180, 185
Craig 161, 180
Crown 039, 180
Curtis Mathes . . . 030, 039, 060, 154, 415
CXC 180
Daewoo 019, 039, 091, 092, 451
Daytron 019
Dumont 017, 019
Dynatech 049
Electroband 000, 185
Electrohome 381, 389, 409
Emerson . . . 019, 038, 039, 154, 158, 177,
. . . . 178, 179, 180, 181, 182, 183,
. . . . 185, 236, 270, 280, 282, 463
Envision 030
Fisher 154, 159
Fujitsu 179
Funai 179, 180
Futuretech 180
GE 021, 027, 029, 047, 051, 055,
. . . . 135, 174, 178, 251, 279, 282
Gibralter 017, 019, 030
GoldStar 001, 002, 019, 030, 032,
. . . . 039, 056, 106, 178, 409
Gradiente 392
Grunpy 179, 180

Hallmark 178
Harley Davidson 043
Harman/Kardon 078
Harvard 068, 180
Hitachi 032, 038, 056, 097, 145,
. . . . 151, 173, 279, 409, 413
Ima 180
Infinity 054
Janeil 046
JBL 054
JCB 000
JVC 036, 053, 069, 160, 169, 182
Kamp 216
Kawasho 158, 216, 308
Kaypani 052
KEC 180
Kenwood 019, 030
Kloss 024, 046, 078
KMC 106
KTV . . . 030, 039, 180, 183, 185, 217, 280
Logik 016
Luxman 056
LXI 047, 054, 148, 154, 156, 178
Magnavox 030, 036, 054, 096,
. . . . 186, 187, 230, 386
Majestic 015, 016
Marantz 030, 054
Matsui 217
Megatron 003, 145, 178
MEI 185
Memorex . . . 016, 056, 106, 150, 154, 178
MGA 019, 030, 150, 155, 178
Midland . . . 017, 032, 039, 047, 051, 135
Minutz 021
Mitsubishi 014, 019, 098, 150,
. . . . 155, 178, 241, 358
Motorola 055, 093
MTC . . . 019, 030, 049, 056, 060, 091, 185
Multitech 049, 180, 217
NAD 156, 166, 178
NEC 019, 030, 036, 056
Nikko 030, 092, 178
Noblex 430
NTC 092
Onwa 180
Optimus 154, 166
Optonica 093, 165
Orion 236
Panasonic 051, 054, 055, 162, 226, 250, 338

Penney . . . 002, 003, 018, 019, 021, 027,
. . . . 030, 032, 039, 047, 051, 060,
. . . . 110, 135, 149, 156, 178, 309
Philco 019, 030, 054, 096
Philips 054
Pilot 019, 030, 039
Pioneer 038, 166
Portland 019, 039, 092
Priceclub 060
Prism 051
Proscan 047
Proton 003, 031, 052, 178, 466
Pulsar 017
Pulser 019
Quasar 051, 055, 219, 250
Radio Shack . 019, 032, 039, 165, 180, 409
RCA 018, 019, 029, 038, 047,
. . . . 090, 135, 174, 254, 278
Realistic 019, 030, 032, 039,
. . . . 056, 154, 165, 178, 180
Rhapsody 183, 185, 216
Runco 017, 030, 251
Sampo 030, 032, 039, 052, 100, 110
Samsung 019, 030, 032, 039, 056,
. . . . 060, 110, 178, 329, 427, 482
Samsux 039
Sanyo 107, 146, 154, 159, 484
Scimitsu 019
Scotch 178
Scott 019, 178, 179, 180, 236, 309
Sears . 015, 047, 054, 056, 146, 148, 149,
. . 154, 156, 159, 168, 171, 178, 179, 281
Sharp 039, 093, 153, 157, 165, 281, 386, 491
Shogun 019
Signature 016
Simpson 186, 187
Sony 000, 011, 080, 111
Soundesign 178, 179, 180, 186
Spectricon 003, 137
Squareview 171
SSS 019, 180
Starlite 180
Supre-Macy 046
Supreme 000
Sylvania 030, 054, 065, 096, 381
Symphonic 171
Tandy 093
Tatung 003, 049, 055, 396
Technics 051, 250
Technovox 007
Techwood 003, 051, 056

TV Codes

Teknika ... 016, 019, 039, 054, 056, 060,	Trical 157	Viking 046
...... 092, 150, 179, 180, 186, 312	Universal 027	Wards 016, 019, 020, 021, 027,
Tera 031	Vector Research 030	...... 028, 029, 030, 054, 056, 080,
TMK 056, 177, 178	Victor 053	...... 096, 111, 165, 174, 178, 179
Toshiba 036, 060, 149, 154, 156	Video Concepts 098	Yamaha 019, 030
Tosonic 185	Vidikron 054, 242	Zenith 016, 017
Totevision 039	Vidtech 019, 036, 178	Zonda 003

Cable Box Codes

ABC 001, 003, 007, 008, 011, 013, 014, 017	Jerrold 003, 011, 012, 014,	SL Marx 040
Antronix 022, 207	.... 015, 024, 098, 276, 476	Sprucer 021, 307
Archer 022, 039, 153, 207	Linsay 440	Starcom 003, 015, 098
BBT 267	Macom 033	Stargate 015, 040
Belcor 056	Magnavox 027, 334	Starquest 015
Cable Star 056	Memorex 000	StarSight 422, 542
Cabletenna 022	Movie Time 063, 078, 156	Sylvania 001
Cableview 022	Novaplex 618	Tandy 258
Century 153	NSC 063, 070, 156	Tatung 097
Citizen 153, 315	Oak 007, 019	Teknika 146
Colour Voice 025, 031	Panasonic 000, 021, 107	Telecaption 221
Comband 232, 233	Panther 637	Teleview 040
Comtronics 040, 060	Paragon 000	Texscan 001
Contec 019	Philips .. 025, 027, 031, 153, 242, 290, 334	TFC 310
Dae Ryung 008	Pioneer 023, 144, 260, 533	Timeless 418
Eastern 002	Popular Mechanics 400	Tocom 012, 013, 059
Electricord 078	Pulsar 000	Toshiba 000
Focus 400	RCA 021	Tusa 015
Garrard 153	Realistic 207	TV86 063
GC Electronics 056, 207	Recoton 400	Unika 022, 153, 207
GE 232, 233	Regal 020, 259, 273, 279	United Artists 007
Gemini 015, 057, 070, 242	Regency 002	United Cable 003
General Instrument 011, 276, 476	Rembrandt 011, 070	Universal 022, 039, 056, 077,
Goldstar 040, 144	Runco 000	.... 078, 153, 191, 207
Hamlin 009, 020, 034, 259, 273	Samsung 040, 144	Videoway 250
Hitachi 011	Scientific Atlanta . 006, 008, 017, 277, 477	Viewstar 027, 060, 063, 111, 211, 258, 289
Hytex 007	Seam 510	Zenith 000, 054, 525
Jasco 153, 315	Signal 015, 040	Zentek 400
	Signature 011	

Laserdisc Player Codes

Aiwa 203	Mitsubishi 059	RCA 128, 351
Carver 064, 194, 323	NAD 059	Realistic 203
Denon 172	NEC 286	Samsung 323
Disco Vision 023	Panasonic 204	Sega 023
Funai 203	Philips 064, 194	Sony 193, 201, 270
Hitachi 023	Pioneer 023, 059	Theta Digital 194
Magnavox 194, 217, 241	Quasar 204	Yamaha 217
Marantz 064, 194		

Remote/Receiver VCR Codes

Brand	Codes	Brand	Codes	Brand	Codes
Advantz	356	JVC	008, 041, 067, 206, 207, 384	Quartz	046, 155
Adventura	000	KEC	037, 278	Quasar	035, 077, 162
Aiko	278	Kenwood	038, 041, 067, 384	Radio Shack	000, 037, 325
Aiwa	000, 406, 436, 468	KLH	072	Radix	037
Akai	041, 049, 053, 061, 106, 156, 242	Kodak	035, 037	Randex	037
American High	035	Lloyd	000	RCA	042, 060, 065, 077, 105
Asha	240	Lloyd's	208		106, 149, 202, 277, 453
Audiovox	037	Logik	072	Realistic	000, 035, 037, 046, 047
Beaumark	240	LXI	037		048, 062, 066, 104, 240
Bell & Howell	104	Magnavox	035, 039, 081, 103, 110, 149	Ricoh	034, 253
Broksonic	121, 184, 211, 295, 361	Magnin	240	Runco	039
Calix	037	Marantz	035, 081, 146	Salora	075
Canon	035, 102, 167	Marta	037	Samsung	045, 051, 053, 240
Capehart	020	Matsushita	035	Sanky	039, 048
Carver	081, 146	MEI	035	Sansui	041, 067, 082, 271
CCE	072, 278	Memorex	000, 035, 037, 039, 046	Sanyo	046, 047, 104, 240, 268, 372
Citizen	037, 278		047, 048, 104, 240, 268, 299	Scott	043, 045, 121, 184, 210, 211, 212
Colt	072	MGA	043, 061	Sears	035, 037, 042, 046, 047
Craig	037, 047, 072, 240, 271	MGN Technology	240		054, 057, 066, 104, 105
Curtis Mathes	035, 041, 060	Minolta	042, 105	Sharp	048, 062
Cybernex	051, 240	Mitsubishi	043, 061, 067, 075	Shintom	072
Daewoo	017, 020, 045, 087, 278		173, 214, 242, 443	Shogun	051, 240
Daytron	020	Motorola	035, 048	Singer	072
Dynatech	000	MTC	000, 240	Sony	011, 022, 032, 033
Electrohome	037	Multitech	000, 072		034, 035, 253, 275
Electrophonic	037	NAD	058	STS	042
Emerex	032	NEC	038, 040, 041, 050	Sunpak	253
Emerson	000, 002, 036, 037, 043, 061		067, 082, 104, 457	Sylvania	000, 035, 043, 081, 103, 110
	068, 088, 121, 184, 208, 209,	Nikko	037	Symphonic	000, 325
	211, 212, 278, 294, 295, 361, 479	Noblex	240	Tatung	041
Fisher	047, 054, 066, 104	Olympus	035, 226	Teac	000, 041
Fuji	033, 035	Optimus	037, 048, 058, 104, 162, 432	Technics	035, 162, 246
Funai	000, 325	Optonica	062	Teknika	000, 035, 037, 052
Garrard	000, 325	Orion	479	TMK	036, 208, 240
GE	035, 060, 065, 202	Panasonic	035, 077, 102, 162, 225	Toshiba	043, 045, 057, 060
Go Video	232, 279		226, 227, 246, 254, 378, 454		066, 210, 212, 366
GoldStar	018, 037, 038, 471, 480	Penney	035, 037, 038	Totevision	037, 240
Gradiente	000, 408		040, 042, 054, 240	Unitech	240
Grundig	195	Pentax	042, 065, 105	Vector	045
Harley Davidson	000	Philco	035	Vector Research	038, 040
Harman/Kardon	038, 075	Philips	035, 062, 081, 110, 403	Video Concepts	040, 045, 061, 221
Harwood	068, 072	Pilot	037	Videosonic	240
Headquarter	046	Pioneer	058, 067, 168	Wards	000, 035, 042, 047, 048
HI-Q	047	Portland	020		060, 062, 072, 149, 212, 240
Hitachi	041, 042, 065, 082, 105, 166	Protec	072	XR-1000	000, 035, 072
	235, 292, 396	Pulsar	039, 051	Yamaha	038
Jensen	041	Quarter	046	Zenith	033, 034, 039

Favorites

By now you probably know there are many channels, but you may not want to look through all the different channels to find the programs you like best. Favorites provides the opportunity for you to store 10 of your most watched channels in an easy access guide.

Now instead a paging through all the channels in the Program Guide, you can simply select one of the six different Favorite Guides and immediately find what you like to watch.

Favorite Profiles

There are 6 different profiles in Favorites which each store up to 10 of your favorite channels. Each profile can be given a different name, so everyone in your family can have there own "Favorites" guide. Or you can set up different categories like Sports, Movies, News, etc, and then store different channels in each category. When you recall the Sports Favorites, for example, all of your favorite sports channels will be displayed for you.

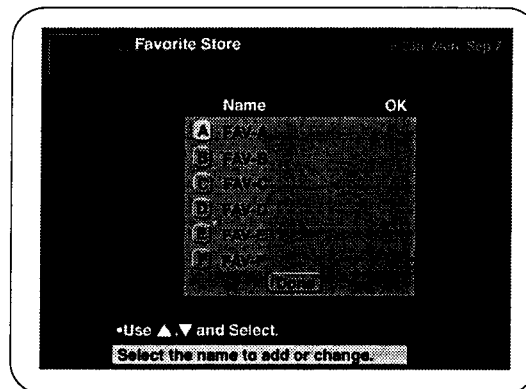## Storing Favorites

To set up a profile in Favorites, you must display the Favorite Store Screen.

Note When you recall the Favorite Store screen the first time, there are no profiles stored, so the Favorites Store screen displays. This allows you to setup the names of your profiles.

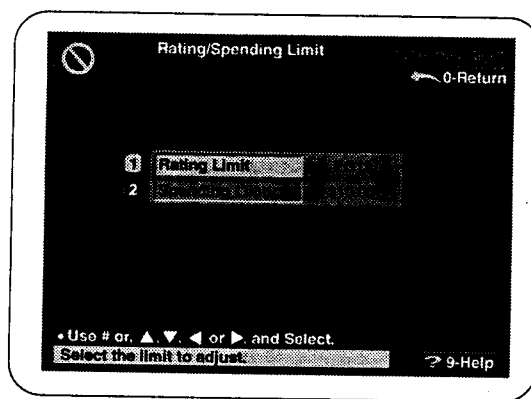1. Press and hold [FAV] for three seconds.

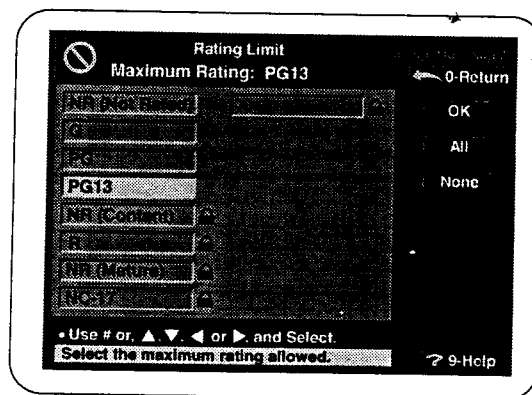2. Use the ▲ and ▼ keys to Highlight the profile you want to create.

Limits

Set spending or rating limits for a program or a channel with this option.

Setting the Rating Limit

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Limits and press (SELECT) or press (3).
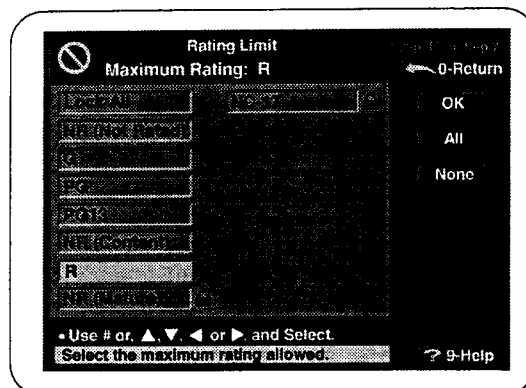
4. Enter your personal 4-digit password, if necessary.

5. Highlight **Rating Limit** and press (SELECT) or press (1).

6. Use the ▲ or ▼ key to Highlight the new rating limit you want, and press (SELECT).

   For example, to set **R** as the new limit, Highlight **R** and press (SELECT). Each rating above **R** will now have a 🔒 icon next to it.

Rating Limit
Maximum Rating: R — 0-Return
OK
All
None
• Use # or, ▲, ▼, ◀ or ▶, and Select.
Select the maximum rating allowed. ? 9-Help

Note If you select **All**, then all your channels will be locked

—or—

If you select **None**, then no channels will be locked.

7. Select **OK** to store the new limit.

Setting the Spending Limits

1. Press **MENU** on your remote.

2. Highlight Options and press (SELECT) or press (8).

3. Highlight Limits and press (SELECT) or press (3).

4. Enter your personal 4-digit password, if necessary.

Rating/Spending Limit
— 0-Return
1 Rating Limit
2
• Use # or, ▲, ▼, ◀ or ▶, and Select.
Select the limit to adjust. ? 9-Help