**3** **_Using the_** **_System_**

ORDER YOUR BELL EXPRESSVU PROGRAMMING

This procedure notifies the Bell ExpressVu Customer Service Call Centre that your system is on-line and installed. You need to have your services activated before you can start enjoying your desired programming. Prior to authorization, you will see the Bell ExpressVu XPRS Preview Channel and perhaps an unscrambled program channel such as CBC. You must authorize your services when you first install your Bell ExpressVu system, and whenever you request to add or remove services.

All you need to do is call the Bell ExpressVu Customer Service Call Centre at 1-888-SKY-DISH and notify them that your system has been installed and you would like to begin receiving programming. The Service Representative will explain the available program packages and à la carte services and take you through the authorization procedure and software download steps. When the services are authorized, you should see channels other than the Bell ExpressVu Preview Channel. You will need to give the Bell ExpressVu Customer Service Representative some information. To get this information, do the following:

1. Make sure the dish is aimed for the maximum signal strength, and that the information has been transmitted via the satellite signal. See the Installation Instructions for these procedures.

2. Display the **Important System Information** menu, shown below. To do this, press the System Information button on the remote control.
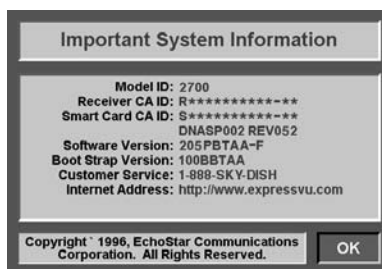
The Bell ExpressVu Customer Service Representative will authorize your programming using the satellite signal.

USING THE REMOTE CONTROL

The next several pages provide instructions for using the remote control. Follow the instructions that pertain to the appropriate model type you have.
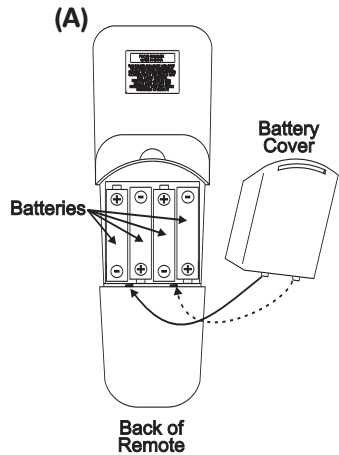
REMOTE A

INSTALLING BATTERIES IN REMOTE TYPE A

The remote control is shipped with two AAA batteries, packaged separately. When you replace old batteries, you should replace all of the batteries. Use batteries of the same grade, for example, alkaline or carbon zinc, and do not mix batteries of different grades. Alkaline batteries provide longer battery life.

1. Press down on the slot in the battery cover (on the back of the remote control) and remove the cover.

2. Insert the new batteries, making sure to match the plus ("+") ends with the plus markings on the battery case.

   Place only two batteries in the remote. Place the batteries only in the two center positions. Do not remove the spacers that prevent batteries from being placed in the two outside positions.

3. Replace the battery cover by inserting the tabs into the slots, and snapping the cover into place.

(A)

Battery
Cover

Batteries

Back of
Remote

USING THE REMOTE CONTROL BUTTONS (REMOTE A)

TV/VIDEO BUTTON

Press the remote control **TV/Video** button to switch the signal output from the receiver back panel **TV Set Out (RF or VHF Connection)** between satellite TV and broadcast or cable TV.

TV/VIDEO

BROWSE

When watching a program, press the remote control **Browse** button to display the **Browse Banner**. **Note:** You can also display the **Browse Banner** by pressing the remote control **Right** arrow button.

POWER

Press the remote control **Power** button to turn the receiver ON or OFF. The green power light on the receiver front panel lights up to indicate the receiver is ON. **Note:** You can also turn the receiver ON or OFF using the front panel **Power** button. See *Turning the Receiver On and Off* on page 3-20 for details.

MUTE

Press the remote control **Mute** button to temporarily activate the mute function. This displays **Mute** on the TV screen. Press the **Mute** button again to restore the sound. **Note:** The remote control **Mute** button mutes the sound volume output by the satellite receiver. Even if you restore the receiver sound volume, you must still restore and/or turn up the sound volume of the television or audio system that you use.

MENU

Press the **Menu** button to open the Main Menu.

VOLUME

Press the plus (+) side of the **Volume** button to increase the sound volume. Press the minus (-) side of the **Volume** button to reduce the sound volume. This temporarily displays a volume scale on the TV screen. **Note:** The remote control **Volume** button controls the sound volume output by the satellite receiver. Even if you adjust the receiver sound volume, you must still adjust the sound volume of the television or audio system that you use. See *Controlling the Sound Volume Using the Remote Control* in this section.
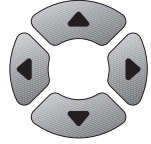
GUIDE

Press the **Guide** button to open the **Program Guide**.

UP/DOWN/LEFT/RIGHT ARROWS

- When using a menu, press the **Up, Down, Left,** or **Right** arrow buttons to move the highlight to the desired option.

- When watching a program, press the **Right** arrow to open the **Browse Banner**.

- When watching a program, press the **Left** arrow button to open the **Theme Categories** menu.

- When watching a program, press the **Up** or **Down** arrow button to change the channel.

- When you have the **Browse Banner** open, press the **Up** or **Down** arrow button to view the **Browse Banner** for the next channel.

- When a menu offers you a list of choices, press the **Up** or **Down** arrow button to bring more choices into view.

- When you have the **Program Guide** open, press the **Up** or **Down** arrow button to move the highlight through the channels.

- When you must enter a number in a menu, press the **Up** or **Down** arrow button to increase or decrease the number where you have placed the highlight.

- When you have a **Browse Banner** or the **Program Guide** open, press the **Left** or **Right** arrow button to display the current or next program. **Note:** The receiver cannot display a time period earlier than the present.

SELECT

Press the **Select** button to select the highlighted option in a menu and perform the function.

INFO

- Press this button for more information when the **Program Guide** or **Browse Banner** is open, or you are watching a program.

- When a menu is open that includes a **Help** option, press the Info button to see the help information for that menu.

• If your receiver supports the **Themes** option, press this button for more information when you have highlighted a program in the **Themes** list.

   Note: To display the **Important System Information** menu, press the remote control **System Information** button (see below), not this button.

VIEW

• Press the **View** button to return to watching a program.

• If already watching a program, press the **View** button to briefly display the **Program Banner**.

• If you are using the menus, press the **View** button to cancel the procedure and immediately exit back to the program.

CANCEL

Press the **Cancel** button to cancel a procedure you are doing and return to the previous menu or to watching a program.

NUMBER PAD BUTTONS

• When watching a program or with the **Program Guide** open, enter the channel number and press the **Select** button to change immediately to that channel.

• Use the number pad buttons to enter menu option numbers.

• Use these to enter a number such as a password in a menu.

• When the **Program Guide** is open, enter a number of hours using the number pad buttons, and then press the **Left** or **Right** arrow to display programs in the time period offset by that number of hours. **Note:** The receiver cannot display a time period earlier than the present.
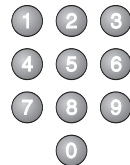
SYSTEM INFORMATION

Press this button to display the **Important System Information** menu. **Note:** For program information or **Help** option information, press the remote control **Information** button (see above), not this button.

RECALL

RECALL

Press the **Recall** button to go back to the last channel you were watching. Press repeatedly to alternate between the last two channels that you viewed.

PAGE UP

When you have the **Program Guide** or a **Theme Categories** menu open, press the remote control **Page Up** button (in the **Guide Paging** area on the remote) to page up through the listing of channels.

PAGE DOWN

When you have the **Program Guide** or a **Theme Categories** menu open, press the remote control **Page Down** button (in the **Guide Paging** area on the remote) to page down through the listing of channels.

ABOUT THE REMOTE CONTROL (REMOTE B)

REMOTE B

The remote control is designed for use with applicable DBS receivers. It provides easy access to all the features of the Bell ExpressVu system, including changing channels and using menus. This remote can also control other electronic devices to allow easier, more convenient use of your total home entertainment system. These instructions describe all of the buttons on the remote, their capabilities, and the advanced functions of this particular remote control.

You can use the remote to control not only the satellite receiver but also a TV, VCR, cable TV box, or an audio amplifier. You can program this remote to control a maximum of three other electronic devices.

REMOTE TYPE: UHF OR IR

There are two types of Remote Controls: Infrared (IR) or Ultra-high Frequency (UHF). The UHF remote has the UHF symbol on it, as in the picture below. The IR remote does not have the UHF symbol. The back of the IR remote has the words "INFRARED REMOTE" on it.

ABOUT THE UHF REMOTE

The UHF remote sends ultra-high frequency radio signals to a UHF antenna connected to the back panel of UHF compatible receivers. With UHF compatible receivers, the signals will travel through solid objects and allow you to use the remote to control the receiver from another room, or even from another floor in the building, to a possible maximum of 30 metres away from the receiver. To check if your receiver is UHF compatible, look for the **UHF Remote Antenna** connection on the back panel of the receiver.

The UHF antenna must be attached to the receiver back panel **UHF Remote Antenna** connection in order to use the UHF remote control. Because the UHF remote operates from such a long range, the receiver may respond to signals from other nearby remote controls. To handle this problem, see the *Changing the Remote Address* procedure on page 3-13. Because the UHF antenna is sensitive, it may pick up other UHF signals, interfering with the operation of the remote. Try *Changing the Data Base Remote Address* first. If this does not work, see *Installing an Attenuator* on page 3-13.

ABOUT THE IR REMOTE

The IR remote uses infrared light to control the receiver and has a maximum range of 40 feet. You must point the remote directly at the receiver, with no solid objects in the way.

Do NOT change the address of an IR Remote. The IR Remote Control is programmed to control the satellite receiver when packaged. Unless you have two receivers in the same room, you should not need to change the address. If you have two receivers in the same room and the remote is controlling both, perform the *Changing the Remote Address* procedure on page 3-13 to change the address of the remote to specifically control one satellite receiver.

INSTALLING BATTERIES IN REMOTE TYPE B

The remote control uses AAA batteries. When you replace old batteries, you should replace all of the batteries. Use batteries of the same grade and do not mix batteries of different grades. Alkaline batteries provide longer battery life.

(B)

1. Push down on the slot in the battery case cover (on the back of the remote control) and slide off the cover.
2. Insert the new batteries, making sure to match the plus (+) ends with the plus markings on the battery case.
3. Replace the battery cover by sliding the cover back up into place.

USING THE REMOTE (REMOTE B)

THE REMOTE CONTROL BUTTONS

This section describes the buttons on the remote control. Some features described below may not be applicable with your particular satellite receiver model.

MODE LIGHTS

The **SAT,TV,VCR**, and **AUX** mode buttons indicate which device the remote will control. To change modes, press the appropriate MODE button. The corresponding background light will turn on.

TV/VIDEO BUTTON

TV/VIDEO

If you connect the receiver using only the RF or VHF connections, use this button, in **SAT** mode, to switch between the receiver and an alternate video source such as cable or broadcast TV antenna input (it will switch to the device routed into the **TV Antenna Cable In**).

In **TV** mode, this button will switch between video inputs on some televisions (check your television owner's manual for more details).

MENU

MENU

In **SAT** mode, press the **Menu** button to open the **Main** menu.

POWER

In **SAT** mode, press the **Power** button to turn the receiver ON or OFF. The green power light on the receiver front panel lights up to indicate the receiver is ON. For each mode, the **Power** button will turn that device on and off. **Note:** You must program the remote for that device. See *Programming the Remote to Control Other Devices* on page 3-14.

PAGE UP OR DOWN ARROWS

In **SAT** mode, press the **Page Up** or **Page Down** arrow to scan, by page, through the listing of channels when you have the **Program Guide** open or, if your receiver supports Themes, the **Theme Categories** menu opens.

In **VCR** mode, these arrows move up or down through the television channels.
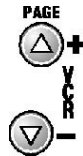
MUTE

In any mode, press the **Mute** button to temporarily turn off the sound. Press it again to restore the sound. The **Mute** button works only if you have programmed the remote. See "*Programming the Remote to Control Other Devices*" on page 3-14. If, after programming the remote, you still cannot turn up the volume, your receiver may have its own volume. Try one of the following:

• Pull the Smart Card out of the slot on your receiver front panel. Wait about 5 seconds, re-insert the card, and try turning up the volume. **Or,**

• Using the *Programming the Remote to Control Other Devices* (Page 3-14) procedure in **SAT, TV**, or **VCR** mode, the code 222 will program the remote to control the sound volume in some satellite receiver. **Note:** To control your TV, you will need to reprogram the remote back to the code that works for your particular TV.

VOLUME

In any mode, press the plus (+) side of the **Volume** button to increase the sound volume. Press the minus (-) side of the **Volume** button to reduce the sound volume. This button works only if you have programmed the remote. See "*Programming the Remote to Control Other Devices*" on page 3-14. If, after programming the remote, you still cannot turn up the volume, your receiver may have its own volume. Try one of the procedures described under **Mute**.

GUIDE

In **SAT** mode, press the **Guide** button to open the **Program Guide**. When the **Program Guide** is open, press the **Guide** button to switch between favourites lists.

SELECT

In **SAT** mode, press the **Select** button to select the highlighted option in a menu and perform the function.

In **VCR** mode, this is the Play button. Press this button to play the video tape.

In **TV** or **AUX** mode, this button functions as an *Enter* button.

UP/DOWN/LEFT/RIGHT ARROWS

In SAT Mode:
• When using a menu, press the **a**rrow buttons to move the highlight to the desired option.
• When watching a program, press the **Right** arrow to open the **Browse Banner** or the **Up** or **Down** arrow to change channels.
• When the **Browse Banner** is open, press the **Up** or **Down** arrow to view the **Browse Banner** for the next channel.
• When a menu offers a list of choices, press the **Up** or **Down** arrow to bring more choices into view.
• When the **Program Guide** is open, press the **Up** or **Down** arrow to move the highlight through the channels.
• When a number must be entered in a menu, press the **Up** or **Down** arrow to increase or decrease the highlighted number.
• When the **Browse Banner** or **Program Guide** is open, press the **Left** or **Right** arrow to display programs in different time periods (but not a time period earlier than the present).
• If your receiver supports the **Themes** option, when watching a program press the **Left** arrow button to open the **Themes** categories.
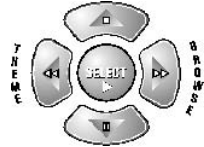
In VCR Mode:
• The **Up** arrow is *Stop*. Press this button to stop the tape
• The **Down** arrow is *Pause*. Press this button to temporarily stop the video tape during recording or play. Press the Pause or Select (Play) button to restart the tape.
• The **Left** arrow is *Rewind*. Press this button to rewind the video tape. During tape play, press this button to rapidly view the video tape as a reverse visual search.
• The **Right** arrow is *Fast Forward*. Press this button to rapidly advance the video tape. During tape play, press this button to rapidly view the video as a forward visual search.

In TV or AUX Mode:
Use the **Up** or **Down** arrow to channel up or down.

RECALL

In **SAT,TV,VCR**, and **AUX for Cable TV Box** modes, press the
Recall button to go back to the last channel you were watching.
Press repeatedly to alternate between the last two channels that you
viewed.

Note: You must first program the remote to control the device. See
Programming the Remote to Control Other Devices on page 3-14.

INFO

In SAT Mode:

• Press this button for more information when the **Program Guide**
  or **Browse Banner** is open, or you are watching a program.

• When a menu is open that includes a **Help** option, press the **Info**
  button to see the help information for that menu.

• If your receiver supports the **Themes** option, press this button for
  more information when you have highlighted a program in the
  Themes list.

• When the receiver is OFF, Press the **Info** button to display the
  Important System Information screen.

VIEW

In SAT Mode:

• Press the **View** button to return to watching a program.

• If already watching a program, press the **View** button to briefly
  display the **Program Banner**.

• From any menu, press the **View** button to cancel the procedure and
  immediately go back to viewing the program.

CANCEL

In **SAT** mode, press the **Cancel** button to cancel the current
procedure and to return to the previous menu or to watching a
program.

SYS INFO

In **SAT** mode, press this button to display the **Important System Information** menu.

RECORD

In **VCR** mode, press this button to start recording on the VCR.

NUMBER PAD BUTTONS

In ANY Mode:

- When watching a program or with the **Program Guide** open, enter the 3-digit channel number to change immediately to that channel.

- Use the number pad buttons to enter menu option numbers.

- Use these to enter a number such as a zip code or password in a menu.

- When the **Program Guide** is open, enter a number of hours using the number pad buttons, and then press the **Left** or **Right** arrow to display programs in the time period offset by that number of hours. The receiver cannot display a time period earlier than the present.
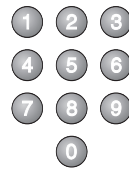
STAR

Used for programming the remote in **AUX** mode.

POUND

In **SAT** mode, use this button to set and check the address of the remote.

CHANGING THE DIGITAL REMOTE ADDRESS

The Remote Control is programmed to control the satellite receiver when packaged. Unless you have two receivers in the same room, you should NOT change the address. Do not change the address of an IR remote unless absolutely necessary. See *About the IR Remote* on page 3-7. **Note:** If you start this procedure and at any time do not press a button within 20 seconds, the remote will end the procedure automatically. Simply start over again. If necessary, do the following procedure to change the address of the remote to specifically control one satellite receiver:

1. Press the **Menu** button on the remote control to display the **Main** menu.
2. Select the **System Setup** option to display the **System Setup** menu.
3. Select the **Installation** option. This displays the **Installation and Setup** menu.
4. Select the **System Info** option. Note the number in the *Remote Address* field.
5. Press and hold the **SAT** button (about three seconds) until all mode key backlights come on, then release. The **SAT** key backlight will flash to indicate it is in the address programming format.
6. Use the number pad buttons to enter a number from 1 to 15. The light will blink off after each digit is entered and then return to a steady light.
7. Press the # button. If the code you entered is valid for the remote, the **SAT** mode light blinks three times.
8. Press the **Record** button. The number in the *Remote Address* field should match the one you input.
9. To verify the code, press the **SAT** mode button for 3 seconds. The light will blink back on. Press the pound (**#**) button twice. The light will flash the address number.
10. Select **Cancel** to exit.

INSTALLING AN ATTENUATOR

Other UHF signals may block signals from the UHF remote control to the receiver. To prevent such interference, you can install a 10 dB attenuator. This will reduce the sensitivity of the receiver to other UHF signals but also substantially reduce the operating range of the UHF remote control.

1. Remove the UHF antenna from the **UHF Remote Antenna** connection on the receiver back panel.
2. Attach a 10 dB attenuator to the **UHF Remote Antenna** connection.
3. Attach the UHF Antenna to the attenuator.

PROGRAMMING THE REMOTE TO CONTROL OTHER DEVICES

1. Turn on the electronic device you want the remote to control. You must turn on the device using its buttons or the remote control that came with it.

2. Find the brand name of the device in the device code tables starting on page 3-16. If the brand is not listed, go to the "*Performing the Remote Control Device Code Scan*" below.

3. Press and hold the **Mode** button for the device you want the remote to control for about 3 seconds. When all other mode lights come on, release the button. It will flash to indicate it is in the address programming format.

4. Use the number pad buttons to enter the code for the device. If you are programming the **AUX** mode, you must enter a 4-digit code. The first digit is the code for the device, as follows:

   - 0 - indicates a second TV
   - 1 - indicates a second VCR
   - 2 - indicates an audio amplifier or cable box

   For example, if you are programming the remote to control a second TV, the mode should be **AUX**. Enter 0 and then the three digit code for that device.

5. Press and release the **(#)** button. If the code is valid, the mode light will blink three times.

6. Test if the code works for the device by pressing the **Power** button. If the code works, the device should turn off.

7. Turn the device back on and try some other functions to make sure they work. Occasionally, the **Power** button may work when other buttons do not. If the code works for other functions, stop here.

8. If the code you entered does not work, repeat the steps 3 - 5 using another code from the tables.

9. If you have tried all of the codes listed for the device without success, or if you can not find the device brand name in the tables, use the *Device Code Scan* procedure, explained on the following page.

PERFORMING THE REMOTE CONTROL DEVICE CODE SCAN

If a device brand is not listed in the code tables or if the listed codes do not work, you can scan through all the codes, testing each one. The remote may not control some brands or models of devices.

If you start this procedure and at any time do not press a button within 20 seconds, the remote will end the procedure automatically. This does not indicate that anything is wrong with the remote control. Simply start the procedure over again.

1. Press and hold the **Mode** button for the device you want the remote to control for about 3 seconds. When all other mode lights come on, release the button. It will flash to indicate it is in the address programming format.

   For **AUX** mode only, use the number pad buttons to enter the number as indicated below. The press the star (*****) button. This defines the device for which you are scanning as follows:

- 0 - indicates a second TV
- 1 - indicates a second VCR
- 2 - indicates an audio amplifier or cable box

2. Press the **Power** button.

3. Press the **Up** or **Down** arrows to set the remote to the next code. The key backlight remains on through the search. The **Down** arrow button scans backward, the **Up** arrow scans forward. Keep pressing the arrow button, slowly, to continue scanning.

   When the correct code is reached, the device turns off. If the correct code is reached, press the pound (**#**) button to store the code in the remote. If the code is valid, the appropriate mode light blinks three times.

4. Press the **Power** button to turn the device back on.

5. Try some other remote control buttons to make sure you have the correct code.

6. If the other buttons work, do the next procedure *Determining the Remote Control Device Codes*.

7. If the other buttons do not work, press the **Power** button to turn on the device and repeat steps 1 - 3. The scan resumes from the last code stored.
   Note: The mode light flashes rapidly if the scan returns to the starting point and all codes have been tested for the device. If this happens, the remote may not control the particular device.

DETERMINING THE REMOTE CONTROL DEVICE CODES

You can find out what device code is currently set for each remote control mode:

1. Press and hold the **Mode** button for the device you want the remote to control for about 3 seconds. When all other mode lights come on, release the button. It will flash to indicate it is in the address programming format.

2. Press the pound (**#**) button twice. The mode light flashes the number of times to indicate each digit of the current mode. There will be a pause between the flash sequences. A quick flash indicates zero. For example, for an **AUX** code of 0136, the mode light flashes once quickly (for zero), then once, three times, and six times. Remember that the **AUX** mode has a four digit code.

DEVICE CODES

Use these codes to set up the remote to control other devices. If a device is not listed or the codes do not work, the remote may not be able to control the device. **Note:** The end of the VCR table provides codes for DVD players. *Only* for a receiver that has its own volume control, use code 222 with the remote in **SAT**, **TV**, or **VCR** mode to set up the remote to control the receiver sound volume.

TVS

Device	Codes
Akai	532, 570, 573
Alba	613
A-Mark	620
Amstrad	533
Anam	509, 541, 620, 621, 691, 698
AOC	505, 506, 519, 520, 620, 695, 712
Archer	620
Audiovox	620
Bauer	611
Baycraft	536
Brockwood	695
Broksonic	562, 691
Candle	506, 522, 523, 525, 536, 691, 695, 712
Capehart	519, 695
Circuit City	695
Citizen	506, 516, 522, 523, 524, 525, 526, 691, 712
Colortyme	573, 695
Concerto	523
Contec	527, 528, 541, 591, 691
Craig	536, 541, 691, 694
Crown	526, 536
Curtis Mathes	506, 516, 526, 573, 703, 712
CXC	541, 691
Daewoo	505, 524, 526, 529, 530, 531, 532, 698, 712, 719
Daytron	526, 695
Dixi	532, 588, 620
Dumont	695
Electrohome	526, 573, 709, 713
Elta	532
Emerson	526, 527, 528, 533, 534, 535, 536, 537, 538, 539, 540, 541, 573, 622, 691, 692, 695, 696, 699, 720
Envision	506, 712
Etron	532
Fisher	542, 590
Formenti	611
Fortress	573, 605
Fujitsu	534, 694
Funai	534, 541, 691, 694
Futuretech	541, 691, 694
General Electric (GE)	503, 508, 509, 515, 540, 543, 544, 630, 695, 698, 701, 714, 715, 716
Genexxa	613
Goldstar	505, 523, 526, 545, 546, 573, 588, 693, 712
Granada	695, 711
Grand	695
Grandiente	711
Grundig	547
Hallmark	695
Harman Kardon	561
Hinari	534
Hitachi	523, 526, 548, 549, 550, 551, 552, 553, 554, 555, 585, 597, 626, 702, 718
Infinity	566
JBL	566
JC Penney	503, 505, 506, 516, 526, 531,

Device	Codes
	543, 596, 701, 714
Jensen	556, 573
JVC	557, 558, 559, 560
Kawasho	548, 561, 712
Kenwood	506, 573, 712
Kloss	522, 561, 610, 698
KTV	526, 539, 540, 541, 691, 696, 712
Lloyds	695
Lloytron	526
Loewe	588
Logik	518
Luxman	523
LXI	503, 563, 566, 590, 595, 617, 625, 701
Magnasonic	573
Magnavox	506, 520, 525, 536, 564, 565, 566, 567, 568, 569, 573, 575, 610, 710, 712
Marantz	506, 566, 573, 588, 712
Matsui	532, 609
Megatron	695
Memorex	518, 532, 590, 695, 720
MGA	504, 505, 506, 571, 573, 695
Mitsubishi	504, 505, 570, 571, 572, 597, 623, 695, 705, 707, 712
Montgomery Wards	505, 506, 515, 518, 534, 536, 543, 564, 565, 567, 568, 607, 619, 712, 714, 715
MTC	505, 506, 516, 523, 531, 695, 712
NAD	502, 617, 695
National	509, 697
National Quenties	697
NEC	505, 506, 507, 517, 523, 573, 627, 712
Nikkai	612, 613, 618
Nordmende	551
Normande	717
Novabeam	561, 698
Nyon	701
Onwa	541, 691
Optonica	605, 607
Orion	694
Osaki	612
Panasonic	508, 509, 510, 511, 512, 566, 574, 689, 697, 698, 700, 706, 714, 716
Philco	505, 506, 525, 536, 564, 565, 568, 573, 610, 712
Philips	566, 588
Pioneer	502, 548, 551, 576, 708
Portland	505, 526, 712
Proscan	503
Proton	513, 519, 526, 536, 585, 624, 695
Pulsar	501
Quasar	508, 509, 577, 698, 700
Radio Shack	526, 541, 607, 612, 691, 698
RCA	503, 505, 515, 548, 579, 580, 581, 582, 583, 584, 586, 587, 625, 633, 634, 691, 698, 701, 708, 714, 715, 716
Realistic	590

Device	Codes
Saba	551
Saisho	532, 533, 609
Sampo	506, 519, 698
Samsung	505, 506, 516, 523, 526, 532, 588, 612, 695, 704, 712, 721
Samwon	620
Sanyo	542, 589, 590, 591, 592, 609
SBR	588
Schneider	588
Scott	526, 534, 537, 541, 593, 600, 691, 696, 701
Sears	503, 523, 534, 542, 563, 589, 590, 594, 595, 596, 598, 599, 601, 602, 603, 604, 617, 695, 703
Seimitsu	695
Sharp	526, 585, 591, 605, 606, 607, 608, 628, 629
Siemens	591
Signature	518
Silver	573
Solavox	612
Sony	500, 514, 521, 578, 609, 619, 622, 685, 686, 687, 688, 690
Soundesign	525, 536, 541, 691, 695
Spectricon	520, 620
Squareview	694
SSS	505, 541, 573, 691, 712
Supra	523
Supre-Macy	522
Sylvania	506, 525, 536, 564, 565, 566, 568, 573, 575, 600, 610, 611, 712
Symphonic	632, 692, 694
Tandy	605, 613
Tatung	509, 698
Technics	508
Techwood	523, 573
Teknika	504, 505, 516, 518, 522, 523, 524, 525, 526, 534, 536, 541, 614, 615, 691, 712
Teleavia	551
Telefunken	551
Teletech	532
Tera	513
Thomas	695
Thompson	709
Thomson	551, 616
TMK	523, 573, 695
Toshiba	516, 590, 596, 617, 618, 631
Tosonic	528
Totevision	526
Toyomenko	695
Universal	543
Vector Research	506
Victor	557
Video Concepts	570, 691
Vidtech	505, 695, 712
Viking	522
Yamaha	505, 506, 712
York	695
Zenith	501, 518, 693
Zonda	620

DEVICE CODES FOR PROGRAMMING THE REMOTE

VCRs

Aiwa	588, 622, 623, 624
Akai	513, 514, 515, 516, 517, 518, 519, 520, 568
Alba	546
Amstrad	588
ASA	565
Audio Dynamics	594, 600
Broksonic	559
Bush	589
Candle	580, 592, 593
Canon	542, 553, 554
Capehart	543, 546
Citizen	591, 592, 593
Craig	591, 608
Croslex	553
Curtis Mathes	554, 592, 605
Daewoo	534, 545, 546, 547, 593
Daytron	546
DBX	594, 600
Dumont	549
Dynatech	588
Electrohome	609
Emerson	505, 506, 507, 508, 509, 510, 511, 512, 559, 568, 588, 590, 609, 618
Finlandia	549
Finlux	549, 565, 588
Fisher	548, 549, 584, 588, 608, 610
General Electric (GE)	550, 551, 552, 554, 572, 591, 605
Goldstar	530, 555, 592, 612, 613
Goodmans	585, 589
Go Video	557, 558, 620
Granada	549, 581
Grundig	565
Harman Kardon	530, 569
Hinari	589
Hitachi	536, 537, 538, 539, 540, 541, 553, 588, 595, 596, 597
Instant Replay	553
ITT	518
JC Penney	530, 554, 580, 591, 594, 600, 601
Jensen	560
JVC	561, 562, 563, 564, 592, 594, 600, 601
Kenwood	562, 581, 592, 594, 600, 601
Lloyd	588
Logik	589
Luxor	518
Magnavox	527, 553, 554, 556, 565, 611
Marantz	530, 554, 565, 585, 592, 594, 600, 601, 603
MEI	554
Memorex	533, 549, 554, 566, 581, 585, 588, 608
MGA	567, 568, 609
Mitsubishi	562, 567, 568, 569, 570, 571, 609
Montgomery Wards	527, 554, 580, 585, 588, 589, 590, 591, 607, 608, 609
MTC	544, 580, 588
Multitech	588, 589, 591
NAD	573

NEC	530, 531, 532, 562, 592, 594, 599, 600, 601, 602, 603, 604
Olympic	553
Optonica	585
Orion	506, 507
Panasonic	521, 522, 523, 524, 526, 553, 554, 598, 614, 628
Pentax	537, 592
Perdio	588
Philco	553, 554, 611
Philips	553, 554, 565, 585
Pioneer	553, 562, 573, 574, 575, 576, 600
Portland	546, 593
Proscan	553, 605
Pulsar	533
Quartz	581
Quasar	553, 554, 577, 578
Radio Shack	607, 608, 609, 610
RCA	525, 526, 527, 528, 529, 537, 553, 591, 605, 606, 615, 630, 631
Realistic	549, 554, 580, 581, 584, 585, 588
Ricoh	502
Saisho	506, 507
Salora	567, 581
Samsung	517, 534, 579, 580, 591
Sansui	532, 544, 562, 600, 621
Sanyo	549, 581, 582, 583, 608
SBR	565
Schneider	589
Scott	508, 559, 590
Sears	548, 549, 581, 584, 608, 610
Sentra	546
Sharp	585, 607, 609, 625
Shintom	589
Sony	500, 501, 502, 503, 504, 629
Sylvania	553, 554, 567, 588, 611
Symphonic	588, 594
Tandy	588
Tashiko	588
Tatung	586, 594, 601
Teac	588, 594, 601
Technics	553, 554
Teknika	554, 587, 588
TMK	506
Toshiba	534, 535, 567, 590
Totevision	580, 591
Unitech	580
Vector Research	530, 600
Victor	561, 562, 600
Video Concepts	568, 600
Videosonic	591
Yamaha	530, 592, 594, 600, 601
Zenith	500, 501, 533

Note: The following part of this table is for DVD players *only*.

DVD Players
Note: You *must* set the remote control to **VCR** mode to set it up to control a DVD player. You *must* set the remote control to **VCR** mode to use it to control a DVD player.

Magnavox	626
Pioneer	619
RCA	627
Sony	617
Toshiba	616

TUNERS/AMPLIFIERS

Aiwa	656, 680
Carver	653
Fisher	653
GE	665
Goldstar	677
JVC	657, 683
Kenwood	676
Luxman	681
LXI	665
Marantz	651
Memorex	675
NAD	669
Nakamichi	671
Onkyo	660, 662, 678
Optimus	664
Panasonic	652
Pioneer	658, 675, 679
Proton	654
Quasar	652
RCA	655
Realistic	665, 666
Scott	659
Sherwood	670
Sony	667, 668, 672, 673, 674, 680, 684
Symphonic	666
Technics	652
Victor	657
Yamaha	663, 682

CABLE TV BOXES

Eastern	649
GI/Tocom	640
Jerrold	635, 636
Memorex	637
Oak	646
Panasonic	637, 644, 645
Paragon	637
Pioneer	642, 643
Regency	649
Scientific Atlanta	638, 639, 647, 648, 650
Zenith	641

CONTROLLING THE RECEIVER USING THE REMOTE CONTROL

The Remote Control uses infrared (IR) light signals to control the satellite receiver. The remote control has a maximum range of 40 feet. You must point the remote control directly at the receiver, with no solid objects in the way. **Note:** The remote cannot control any devices other than the receiver.

CONTROLLING THE SOUND VOLUME USING THE REMOTE CONTROL

When you first get the system, it is set up so that the receiver remote can control the sound volume.

Note: The TV remote can also control the sound volume. If you turn down or mute the sound volume using the TV remote, the receiver remote control cannot turn the volume back up.

ATTENTION! If you are using a remote control other than the standard remote control (the part number for the standard remote control is located on the back of the remote and is 123475322) or if you do not wish to use the standard remote control to control sound volume, you will need to change the default volume control to the TV Remote Volume Control option. See *To Change the Way Sound Volume is Controlled* below.

To change the sound volume, do the following:

- Press the Volume button on the receiver remote control, or
- Press the volume control button on the TV remote control.

To change the way sound volume is controlled, do the following:
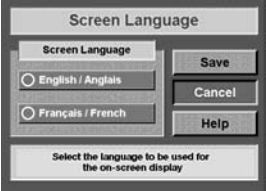
1. Make sure that the TV sound volume is not turned down or muted using the TV remote control. If you turn down or mute the sound volume using the TV remote, the receiver remote control will not be able to turn the volume back up.

2. Press the receiver remote control **Menu** button. This displays the **Main** menu.

3. Select the **System Setup** option. This displays the **System Setup** menu.

4. Select the **Volume Control** option to display the **Select a Volume Control Method** menu.

5. Use the **Arrow** buttons to move the highlight to the **TV remote volume control** or the **DISH remote volume control** option, as desired.

Note: DISH remote means the standard satellite receiver remote control. **TV remote** means either the remote that came with your TV or a remote that can be programmed to control sound volume in your TV.

6. Press the **Select** button to select the highlighted option.

7. Highlight and select the **Save** option to save the volume control setting.

CHANGE LANGUAGES

To change the menu and screens language from English to French or vice versa, do the following:

**Remote
Buttons**   **Menu Options**

1. Press the **Menu** button to open the **Main Menu.**

    MENU

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

    6   6   System Setup

3. Select **Installation**.

    1

4. Select the **Language Setup** option.

    7   7   Language Setup

5. You will see a screen that asks you which language you want. Select English or French, then select the **Save** button on the screen. From now on, most screens will appear in the language of your choice.

    Screen Language
    Screen Language
    ○ English / Anglais   Save
    ○ Français / French   Cancel
                                 Help
    Select the language to be used for
    the on-screen display

TURNING THE RECEIVER ON AND OFF

To turn the receiver ON, press the remote control **Power** button or press and hold the receiver front panel **Power** button (the center of the buttons on the front panel) for a few seconds. The green power light on the receiver front panel lights up.

To turn the receiver OFF, press the remote control **Power** button or press and hold the receiver front panel **Power** button (the center of the buttons on the front panel) for a few seconds. The green power light on the receiver front panel turns off.

USING THE ON-SCREEN MENUS

The menus make using the receiver and selecting services quick and easy. The receiver displays the menus on the TV screen. Use the menus to communicate with the receiver and to use the receiver features, such as setting security locks, selecting a program, or defining a Favourites List. See the appropriate sections of this chapter for the procedures to use these features.

OPENING THE MENUS

You can use either of two methods to open the menus:

• To immediately open some of the menus, use the buttons on the remote control that correspond, as follows:

❒	**Guide**	Opens the **Program Guide**.
❒	**Info**	Displays information about a program. For a menu with a Help option, it displays help information for that menu.
❒	**Menu**	Opens the **Main** menu.
❒	**Left Arrow**	Opens **Themes** categories.
❒	**Browse**	Displays the **Browse Banner**.

• Open the **Main** menu, then open any of the other menus from the **Main** menu.

CLOSING THE MENUS
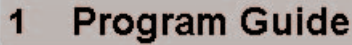
You can close a menu and return to watching a program by pressing the remote control **View** button, or by repeatedly pressing the remote control **Cancel** button.
Note: If you do not do anything in a menu for several minutes, the menu automatically closes. This will discard any changes you made, and display the program you were watching.

MENU OPTIONS

A typical menu option looks like this. First you must highlight the menu option, then you can select it.

HIGHLIGHTING A MENU OPTION

To highlight a menu option, use the remote control **Arrow** buttons to move the on-screen highlight to the menu option. When you do this, the option appears a little darker than the other options, and it looks "pushed in" like this:

SELECTING A MENU OPTION

When you select a menu option, that menu function is immediately performed. You can use either of two methods to select a menu option:

• Press the remote control number pad button that matches the number, if any, of the menu option. If you do this, you do not need to highlight the option first.

Or:

• Move the highlight to the menu option using the remote control **Arrow** buttons. Then press the remote control **Select** button.

LISTS OF CHOICES IN THE MENUS

When you make a choice in a list, the receiver does not apply the change until you select the **Save** or **OK** option. If you do not want to save any changes, select the **Cancel** option to discard all the changes made in the menu. There are two types of lists, single selection and multiple selection, as shown in the examples below.

Single selection allows only one choice to be selected at one time. If you select another choice, the previous choice is deselected. The single-selection list uses a circle to identify the choice.

Languages
○ English
○ Spanish
○ French
○ German
○ Italian
○ Japanese

Multiple selection allows multiple choices to be selected at one time. If you select another choice, the previous choices remain selected. The multiple-selection list uses squares to identify the choices.

Channels
☐ FOX - 123
☐ HBO - 229
☐ CNN- 232
☐ SHO- 267
☐ MAX- 289
☐ NBC- 456
☐ CBS - 578

HIGHLIGHTING A CHOICE IN A MENU LIST

Use the remote control **Arrow** buttons to move the highlight to the desired item in the list. The black arrows on the list indicate the direction(s) in which you can move the highlight.

SELECTING A CHOICE IN A MENU LIST

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

When you highlight a choice in a single-selection list, it typically appears as shown here.

▼ Languages ▲
○ English
○ Spanish ⇦
○ French
○ German
○ Italian
○ Japanese
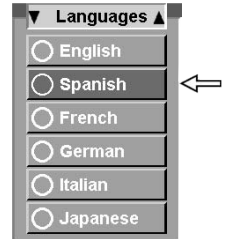
When you highlight a choice in a multiple-selection list, it typically appears as shown here.

▼ Channels
☐ FOX - 123 ⇦
☐ HBO - 229
☐ CNN - 232
☐ SHO - 267
☐ MAX - 289
☐ NBC - 456
☐ CBS - 578

When you select the choice in a single-selection list, the choice is marked with a filled in circle, as shown below. When you select choices in a multiple-selection list, the choices are marked on the list as shown below, with check marks:

▼ Languages ▲
○ English
◉ Spanish ⇦
○ French
○ German
○ Italian
○ Japanese

▼ Channels
☑ FOX - 123 ⇦
☐ HBO - 229
☐ CNN - 232
☐ SHO - 267
☑ MAX - 289 ⇦
☐ NBC - 456
☐ CBS - 578
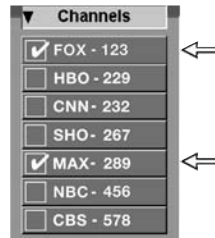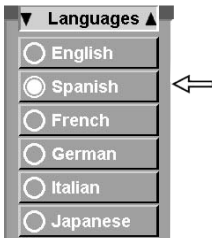
CANCELING A PROCEDURE

If you want to cancel a procedure, you must press the remote control **Cancel** or **View** button before you do the last step of the procedure. If pressing the **Cancel** or **View** button does not exit from the current menu, you must finish the procedure by selecting a menu option. You can use a couple of different methods to cancel a procedure:

• If you want to immediately return to watching a program, press the remote control **View** button.

• If you want to return to the previous menu, press the **Cancel** button.

• Wait a few minutes and the menu will automatically close, discarding any changes you have made.

CHANGING CHANNELS

ATTENTION! If the program you choose is security locked and the receiver is locked, you must enter the receiver password to watch the program. See *Accessing a Locked Channel, Program, or the Parental and System Locks Menu* on page 3-43.

Either: Press the remote control **Up** or **Down** arrow button to bring the desired channel into view.

Or: Use the remote control number pad buttons to enter the desired channel number.

Or: Press the receiver front panel **Up** or **Down** arrow button to change channels.

DISPLAYING THE LIST OF AVAILABLE CHANNELS AND PROGRAMS

The on-screen **Program Guide** provides a complete listing of the available channels and programs. You can use the **Program Guide** to change channels, to see what programs are scheduled, and to buy pay per view programs. The **Program Guide**:
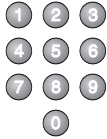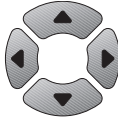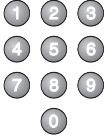
• Indicates which Favourites List is active. If the ALL CHAN list is active, the **Program Guide** displays all the channels. If another list is active, the **Program Guide** displays only the channels on that list. See Using Favourites Lists on page 3-34 for more details on this.

• ALL CHAN listing may include channels to which you have not subscribed. These channels have a red background behind the channel name and number. You can not tune in to these channels. See *Available Services* on page 1-6.

• Includes only programs that are being shown now and that are scheduled for an extended time beyond the present. The listing does not include programs that have ended.

• Can be set up to list channels in ascending order (from bottom to top, 122, 140, and 170) or in descending order (from top to bottom, 170, 140, and 122). To do this press the remote control **Menu** button to open the **Main** menu. Then, highlight and select the **System Setup** option. Highlight and select the **Channel Order** option, choose ascending or descending and select the save option. **Note:** If you do not set a channel order, the **Program Guide** automatically displays the channels in descending order.

OPENING THE PROGRAM GUIDE

Remote Buttons   **Menu Options**

Either: Press the Guide button.

GUIDE

Or:

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

MENU

2. Select the **Program Guide** option.

    1   Program Guide

SELECTING A PROGRAM IN THE PROGRAM GUIDE

Following are three ways of selecting a program in the Program Guide. If you select a program that has not started yet, the receiver displays information about the program but does not change to the channel on which the program is to be shown.

	Remote Buttons	**Menu Options**

Either:

1. Use the number pad buttons to enter the desired channel number. The **Program Guide** displays the channel number and a block of channels including the one just entered.

2. Use the **Arrow** buttons to move the highlight to the desired program.

3. If desired, press the **Info** button for more information about the highlighted program.

   Press the **Cancel** button to return to the **Program Guide**.

4. Press the **Select** button to change to the new channel.

Or:

1. Press the **Page Down** button to page down, or the **Page Up** button to page up through the **Program Guide**.

   Or:

Or:

1. Enter a number of hours using the number pad buttons. **The Program Guide** displays that number of hours in the upper right hand corner.

2. Press the **Left** or **Right** arrow button to skip the display forward or backward that many hours. **Note:** The **Program Guide** can display programs scheduled for an extended time beyond the present.

The **Program Guide** may contain any or all of the items shown below:

Current date and time

Currently active Favourite List (colour-coded)

Lock status of the system

| 🔒 | Tue - Mar 23 8:30 pm | Bell ExpressVu | Favourite List ALL CHAN | ◀ 24 ▶ |

Channel number or number of hours to skip

Day of the programs in view

Time of the programs in view

Wed ▶	8:30 pm	9:00 pm	9:30 pm ◀
328 WGN	Last of the Mohicans		Bounty Tracker
330 TBS	Secrets of the Deep		Justice Files
142 YTV	Reboot	Are You Afraid of the Dark?	
449 A&E	The Lives of a Bengal Lancer		Best of Comic Relief
314 SHOW	Alfred Hitchcock Presents		Hitchhiker
440 FOX	Ren & Stimpy	Star Trek	To Be Announced

Program List

Channel number and name

Indicates that this program began or will end in a time period that is not in view.

Indicates that the last available time period available is in view (you cannot display a time later than this).

Indicates that the first viewable time period is in view (you cannot display a time earlier than this).

◀ **24** ▶   Allows you to skip backward or forward a desired number of hours. Enter the number of hours using the remote control numeric pad, then press the **Left** or **Right** arrow button.   Also allows you to skip to another channel number. Enter the channel number, then press the **Select** button.

Note: The **Program Guide** can only display programs scheduled for a limited time beyond the present.

CLOSING THE PROGRAM GUIDE

	Remote Buttons	**Menu Options**

To close the **Program Guide**, press the remote control **Cancel** button. The receiver displays the program you were watching before you opened the **Program Guide**.

DISPLAYING PROGRAM INFORMATION WHILE WATCHING A PROGRAM

The on-screen **Program Banner** provides information about the program you are watching.

The on-screen **Browse Banner** also provides information about current and future programs, on the current channel or another channel, while you are watching the original program. Both are described below:

USING THE PROGRAM BANNER

The **Program Banner** provides information about the program you are watching. The receiver displays it for a few seconds at the top of the TV screen every time you change the channel or press the remote control **View** button. The information varies, depending on the specific program, but may include any or all of the items in the following figure:
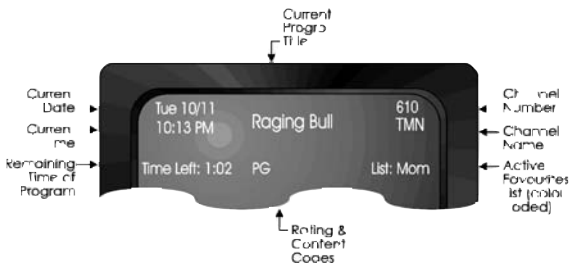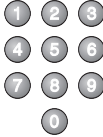
USING THE BROWSE BANNER

Use the **Browse Banner** to see what other programs are available without changing the current program. The receiver displays information at the top and bottom of the screen and includes the items shown. If the ALL CHAN list is active, all channels are displayed. If another list is active, the **Browse Banner** displays only the channels on that list.

To open the **Browse Banner**, press the remote control **Browse** button or the **Right** arrow button.
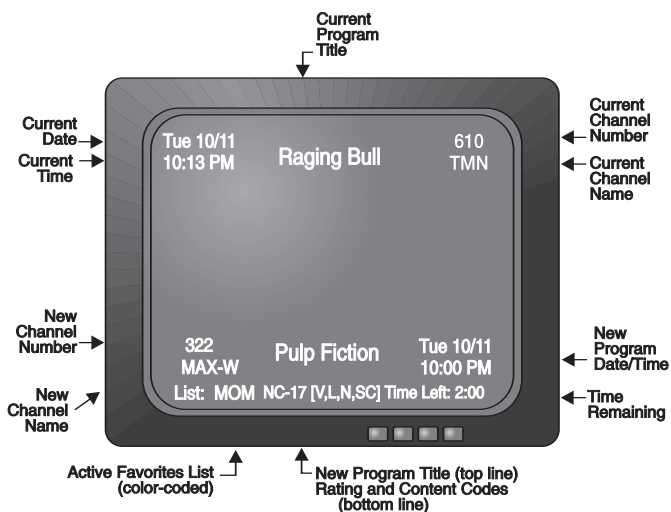
DISPLAYING THE BROWSE BANNER FOR OTHER PROGRAMS

	Remote Buttons	Menu Options

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

2. **Either:** Enter the channel number for the desired program, using the number pad buttons.

   Or: Press the **Up** or **Down** arrow button to display the desired channel in the bottom part of the **Browse Banner.**

3. Press the **Right** arrow button to display the next program. Press the **Left** arrow button to display the previous program.

   Note: The receiver can display current programs and programs scheduled for an extended time beyond the present, but cannot display programs that have ended.

4. Press the **INFO** button for more information about the program listed, if desired.

CHANGING CHANNELS USING THE BROWSE BANNER

	Remote Buttons	Menu Options

If you are using the **Browse Banner** and see a program that you want to watch, press the **Select** button to change to the new channel. Make sure the program is displayed in the bottom part of the **Browse Banner.**

Note: If you select a program that has not started yet, the receiver displays information about the program but does not change to the channel on which the program is to be shown.

CLOSING THE BROWSE BANNER

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

ORDERING PAY PER VIEW PROGRAMS

ATTENTION!

You are responsible for all pay per view purchases. To prevent unauthorized purchases please ensure the receiver is locked, see *Locking The Receiver* on page 3-44. The receiver must be connected to an active telephone line. (Refer to page 3-52 for how to perform Telephone Connection Diagnostic Test). If you use more than one receiver, each receiver must be connected to an active telephone connection. If you want to watch a pay per view program on TVs connected to different receivers, you must order the program for each receiver.

BELL EXPRESSVU PPV PURCHASE INFORMATION

When you purchase Bell ExpressVu PPV programs, the receiver stores the information in its memory. The receiver dials into the Bell ExpressVu Customer Service Call Centre periodically to send the purchase information. These phone calls are made in the middle of the night, at irregular times, and are toll-free (no cost to you). Should you need to use your telephone when the receiver is calling Bell ExpressVu, the Bell ExpressVu call will be automatically terminated.

ATTENTION!

If you disconnect the receiver from your phone line, you will not be able to purchase Bell ExpressVu PPV programs using the receiver.

If your Bell ExpressVu receiver is not continually plugged into the phone line, it may not be able to clear the PPV purchases it has stored in its memory. This will prevent you from purchasing additional PPV events. The receiver will limit both the number and the total dollar amount of purchases.

The following messages indicate that the receiver needs to call Bell ExpressVu:

Your purchase of this event is in the process of being authorized. Your receiver MUST BE connected to a phone line. Please try again later. Press the "Up" or "Down" arrow button to change channels.

The credit limit on your smart card has been exceeded. An authorization from the Bell ExpressVu Customer Service Call Centre is required. Your receiver must be connected to a phone line. The call and authorization could take several minutes.

If you get one of these messages, check to ensure that your phone line is properly connected to the receiver as per the instructions in the *Installation Guide*. You should perform a phone line test to ensure the connection is working properly (see page 3-52).

Once you have verified your phone connection, powering the receiver off and on with the remote control will expedite the receiver's phone call to Bell ExpressVu.

Note: If you order a large number of PPV items in a short period of time (a single day for example), or if your receiver was not properly connected to the telephone line, it may take up to 48 hours for the call to go through to allow you to make additional purchases.

	Remote Buttons	**Menu Options**

1 Highlight the desired pay per view program in the **Program Guide** and press the **Select** button.

2. If the receiver is locked, enter the password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.
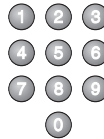
   Press the **Select** button.

3. **Either:** To buy the pay per view program, highlight the **Yes** option using the **Arrow** buttons. Press the **Select** button. The receiver displays a confirmation menu (go to step 4).
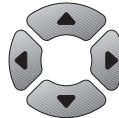
   Or: If you do not want to buy the pay per view program, press the **Up** or **Down** arrow button (if you are watching a program), **or** highlight and select the **No** or **Cancel** option. If you do this, you can stop here.

4. At the confirmation menu:

   Either: Highlight the **Yes** option using the **Arrow** buttons. Press the **Select** button to confirm the purchase. The pay per view fee will be added to your next bill. Your PPV selection will begin at its scheduled start time.

   Or: Highlight and select the **No** or **Cancel** option to cancel the purchase. **Note:** You can not cancel an order for a pay per view program, whether it was just ordered or ordered previously.

LISTING AND CHOOSING PROGRAMS BY THEMES

You can list and choose programs according to the theme of their contents, for example, just movies or just sports. You can then quickly list programs based on that theme, and choose the program you want. **Note:** If you select a program that has not started yet, the receiver displays information about the program but does not change to the channel on which the program is to be shown.

	Remote Buttons	**Menu Options**

1. **Either:** While watching a program, press the **Left** arrow button to display the **Theme Categories** menu.

   Or: Press the **Menu** button to display the **Main** menu. Select the **Themes** option to display the **Theme Categories** menu.

2. Use the **Arrow** buttons to move the highlight to the option for a desired category. Press the **Select** button to select that option. This dis plays a list of programs within the category. Programs on channels to which you have not subscribed are shown with a red background.
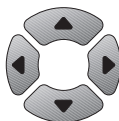
3. To speed your search, highlight the **Page Down** or **Page Up** options and press **Select** to page down or page up through the list of programs.

4. Use the **Arrow** buttons to move the highlight to the desired program in the program list.
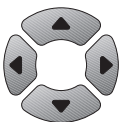
5. Press the **Select** button to watch the program.

USING FAVOURITES LISTS

Favourites Lists are lists of your favourite channels. You can create and modify the lists yourself, adding and removing channels as you wish. When you make a Favourites List active, the **Program Guide** displays only the channels in that list.

Note: The ALL CHAN Favourites List contains all the channels. You cannot make any changes to this list. If you want the **Program Guide** to display all the available channels, set ALL CHAN as the active Favourites List.

• You can tune the receiver to a channel whether or not that channel is on the active Favourites List by entering the channel number using the remote control number pad buttons.

• If you choose a program using **Theme Categories**, the receiver tunes to the channel for that program whether or not that channel is on the active Favourites List. However, if the program has not started yet, the receiver displays information about the program but does not change to the channel on which the program is to be shown.

You can create up to four different Favourites Lists, each including up to 30 channels. Each Favourites List is indicated by a slightly different colour in the **Program Guide**. You can give each list a unique name, such as **Mom, Dad, Junior**, etc. When you first get the receiver, the four lists are named **LIST 1, LIST 2, LIST 3**, and **LIST 4**. The lists are empty until you add channels to them.

MAKING A FAVOURITES LIST ACTIVE

If you want the **Program Guide** to display all the available channels, make the ALL CHAN Favourites List active.

	Remote Buttons	**Menu Options**

Either: If the **Program Guide** is open, press the **Guide** button to select the next Favourites List. Press the **Guide** button repeatedly to scan through all the available lists.

GUIDE

Or:

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

MENU

2. Select the **Favourites** option.

4

3. Use the **Arrow** buttons to move the highlight to the desired Favourites List.
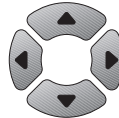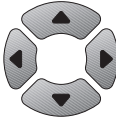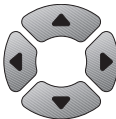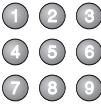
4. Highlight and select the **Save** option.

SELECT

Note: If you try to make an empty Favourites List active, the receiver highlights the **Modify List** option. You must add at least one channel to this Favorites List before you can make it active.

CREATING OR MODIFYING A FAVOURITES LIST

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

Remote Buttons   **Menu Options**

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

   MENU

2. Select the **Favourites** option.

   4

3. Use the **Arrow** buttons to move the highlight to the option for the Favourites List that you want to create or change. Press the **Select** button to select the highlighted list.

4. Highlight and select the **Modify List** option. This displays the list of channels in the Favourites List. If you select the ALL CHAN Favourites List and then select the **Modify List** option, the receiver displays an error message. You must select another Favourites List to modify.

   SELECT

   Modify List

   Note: At any time you can highlight and select the **Clear** option to immediately remove all channels from the current list. The **Clear** option appears on the menu you use to modify a Favourites List, but is not displayed for the ALL CHAN list because you cannot clear the ALL CHAN list.

   Clear

5. Use the **Arrow** buttons to move the highlight to the **Channels** list. In that list, move the highlight to a channel you want to add to the Favourites List.

   Either: Use the **Up** or **Down** arrow button to bring the desired channel into view.

   Or: Use the number pad buttons to enter the channel number.

6. Press the **Select** button to add the highlighted channel to the Favourites Lists. **Note:** Repeat steps 5 and 6 until all desired channels are added.

7. To delete a channel from the Favourites List, use the **Arrow** buttons to move the highlight to the channel in the list and press the **Select** button to delete the channel from the list.

8. Highlight and select the **Save** option to save all changes to the Favourites List.

CHANGING THE NAME OF A FAVOURITES LIST

Remote Buttons   **Menu Options**

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

2. Select the **Favourites** option to display the **Favourites Lists** menu.

3. Use the **Arrow** buttons to move the highlight to the Favourites List to be changed.
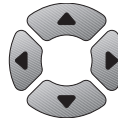
   Press the **Select** button to select the high lighted list.

4. Highlight and select the **Edit List Name** option.

   Note: You cannot change the name of the ALL CHAN Favourites List.

5. Use the **Arrow** buttons to highlight a letter in the keypad area on the menu.

Press the **Select** button. Repeat to spell out the desired name. You can enter up to eight characters, including spaces. If necessary, highlight and select the **space** option to insert a space in the name or the **<back** option to correct a letter.

Note: At any time, you can highlight and select the **Clear** option to immediately remove all the characters from the name.

6. Highlight and select the **Save** option to save all changes.

Save

SETTING AND USING SECURITY LOCKS

You can use either or both of two types of security, or you may choose not to use either.

• You can lock the receiver so that only those who know the password can access locked features.

• You can set up a Personal Identification Number (PIN) at the Bell ExpressVu Customer Service Call Centre to keep unauthorized people from calling and ordering services (see *Personal Identification Number* on page 3-46.

You can set locks to keep anyone who does not know the password from:

• Watching one or more specified channels

• Watching programs with certain rating or extended rating (content) codes

• Buying added cost services such as pay per view

• Using the receiver front panel **Control Buttons.**

HOW TO SET LOCKS: A TWO STEP PROCESS

1. Create the channel or program locks (you do not need to do this if you wish to lock only pay per view services). Also, lock the receiver front panel **Control Buttons**, if desired.

2. Lock the receiver. This puts the locks you have created into effect, and also locks the purchase of added cost services.

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

ATTENTION!

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

If you want to lock only pay per view services, you do not need to create any special locks. Just lock the receiver, to automatically lock pay per view.

WHEN YOU HAVE LOCKED THE RECEIVER:

• If you try to access a locked program or channel, the receiver displays a message prompting you to enter the password. You must also enter the password to access the **Parental and System Locks** menu.

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

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

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

ATTENTION!

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

CREATING OR MODIFYING CHANNEL LOCKS

|	Remote Buttons	Menu Options
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **Locks** option. If the receiver is locked, enter the password using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password.	5	
As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.	SELECT	

3. Select the **Channel Locks** option.

4. Use the **Arrow** button to move the highlight to the channel that you want to lock. If necessary, press the **Up** or **Down** arrow button to bring the desired channels into view. You also enter each channel number directly using the number pad buttons.

5. Press the **Select** button to lock or unlock the highlighted channel. If the checkbox next to the channel has a checkmark, the channel is locked.

   Highlight and select the **Save** option to save the changes.

6. If the receiver is not already locked, you must lock it to put the lock you just created into effect. See *Locking the Receiver* on page 3-44.
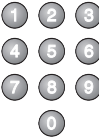
CREATING OR MODIFYING RATING CODE LOCKS

Do the following to set program locks based on rating or extended rating (content) codes. Then, when the receiver is locked, only someone who knows the password can watch these programs. See the Glossary on page 4-9 for a definition of each of the rating codes.

Parents beware, the rating and extended rating (content) codes that the receiver uses for program locks reflect the codes that the original program providers assigned to the programs. The actual content of the programs may differ from their assigned ratings. No rating system can guarantee that all objectionable material is screened out. Like all other security locks, these locks are only in effect when the receiver is locked. Also, television program ratings differ from movie ratings.

**Remote
Buttons**   **Menu Options**

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

   MENU

2. Select the **Locks** option. If the receiver is
   locked, enter the password using the number
   pad buttons. The receiver displays asterisks
   (*) as you enter the digits of the password.
   As soon as you enter the fourth digit of the
   pass word, the receiver highlights the
   OK option.

   5

   Press the **Select** button to display the
   Parental and System Locks menu.

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

   1

4. Use the **Arrow** buttons to move the
   highlight to the rating in the Rating list
   that corresponds to the lowest acceptable
   audience age.
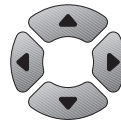
   Note: All ratings that are more restrictive
   than the selected rating are also selected.
   For example, if you lock 14+ (PG) rated
   programs, then all programs with the 18+ (R),
   NC-17, and NR/AO ratings are also locked.

   Press the **Select** button to lock the
   highlighted rating.

   SELECT

5. Use the **Arrow** buttons to move the highlight
   to the expanded rating code(s) in the
   Expanded Rating list, if you want to lock
   these ratings also.

   Press the **Select** button to lock the
   highlighted rating.

6. To unlock a rating code, use the **Arrow**
   buttons to move the highlight to the code.
   Press the **Select** button.

7. Highlight and select the **Save** option to save the changes.

Save

8. **If the receiver is not locked**, you must lock it to put the lock you just created into effect. See *Locking the Receiver* on page 3-44.

LOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

This procedure is useful if you want to prevent anyone else from changing the channel. However, it does not lock the remote control buttons.

Remote Buttons   **Menu Options**

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

MENU

2. Select the **Locks** option. **If the receiver is locked**, enter the password using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password.

   As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **Select** button to display the **Parental and System Locks** menu.

5

1 2 3
4 5 6
7 8 9
0

SELECT

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

4

4. Highlight and select the **Yes** option.

5. If the receiver is not locked, you must lock it to put the lock you just created into effect. See *Locking the Receiver*, on page 3-44.
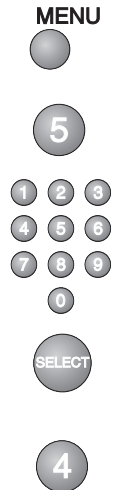
Lock

UNLOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

You must use the remote control to unlock the receiver front panel **Control Buttons**. If you lose or damage the remote control, you will need to speak with a Bell ExpressVu Customer Service Representative.

	Remote Buttons	Menu Options
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **Locks** option. If the receiver is locked, enter the password using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password.	5	
As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **Select** button.	SELECT	
3. Select the **Front Panel Lock** option.	4	
4. Highlight and select the **Yes** option.		Yes

ACCESSING A LOCKED CHANNEL, PROGRAM, OR THE PARENTAL AND SYSTEM LOCKS MENU

	Remote Buttons	Menu Options
1. Select a channel or a program that is locked. The receiver displays an "Attention" message telling you that the item is locked.		
2. Enter the password using the number pad buttons. The receiver displays asterisks (*) as you enter the digits. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.	1 2 3 4 5 6 7 8 9 0	
3. Press the **Select** button.	SELECT	

LOCKING THE RECEIVER

You must lock the receiver for any receiver security locks that you set to be in effect. Locking the receiver automatically locks (prevents) the purchase of added cost services. If you forget your password, you will need to speak with a Bell ExpressVu Customer Service Call Centre Representative.

	Remote Buttons	Menu Options
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **Locks** option to display the **Parental and System Locks** menu. **Note:** If the receiver displays a message prompting you to enter a password, it has already been locked.	5	
3. Select the **Lock System** option. The receiver displays a message prompting you to enter a password. **Note:** If this option appears as **Unlock System** instead, the receiver is already locked.	3	
4. Enter and verify a password, using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password. *Write down the password and put it in a safe place.* From now on, you must enter this password to lock or unlock the receiver.	1 2 3 4 5 6 7 8 9 0	
5. Highlight and select the **OK** option. Re-enter the password. All the locks you have set are now in effect.		OK

UNLOCKING THE RECEIVER

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

	Remote Buttons	**Menu Options**
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **Locks** option. With the receiver locked, you must enter the password using the number pad buttons. The receiver dis plays asterisks (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.	5	
3. Press the **Select** button.	SELECT	
4. Select the **Unlock System** option. If this option appears as Lock System instead, the receiver is already unlocked.	3	

CHANGING THE RECEIVER PASSWORD

	Remote Buttons	**Menu Options**
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **Locks** option. **If the receiver is locked**, enter the password using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.	5	
3. Press the **Select** button. This displays the **Parental and System Locks** menu.	SELECT	

4. Select the **Change Password** option.

5. Enter the current password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **Select** button.
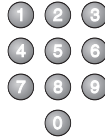
6. Enter the new password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

7. **Either:** Select the **OK** option to change the password.

   Or: If you do not want to change the pass word, press the **Cancel** button or select the **Cancel** option. You can stop here.

8. Enter the new password again for verification, using the number pad buttons. The receiver displays asterisks (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the **Select** button.

   Write down the new password and put it in a safe place. From now on, this password must be entered to lock or unlock the receiver.

PERSONAL IDENTIFICATION NUMBER

You can set up a Personal Identification Number (PIN) that is assigned to your account at the Bell ExpressVu Customer Service Call Centre. Thereafter, this PIN will be requested by the Bell ExpressVu Customer Service Call Centre to authorize any transactions to your account. This includes purchasing services, account inquiries, and overriding the receiver security password.

You can select the PIN when you first turn on your service, or at any time thereafter.

ATTENTION!

If you forget your PIN, you will need to speak with a Bell ExpressVu Customer Service Representative at 1-888-SKY-DISH. The Bell ExpressVu Customer Service Representative may ask for additional information to confirm that you are authorized to make transactions on your account.

DISCARDING ALL SETUP INFORMATION

If you want to discard changes and reset the receiver to be the same as when it was shipped from the factory, do the following procedure:

Resetting the receiver to the factory default settings discards all Favourites Lists except the ALL CHAN list. If you have set security locks on the receiver, and the receiver is locked, these locks will not be discarded.
If the receiver is unlocked, these locks will be discarded. You cannot reset the receiver to default settings to discard a password you have forgotten, nor can an unauthorized person do so to bypass a receiver security lock.

	Remote Buttons	**Menu Options**
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **System Setup** option to display the **System Setup** menu.	6	
3. Select the **Installation** option to display the **Installation and Setup** menu.	1	
4. Select the **Factory Defaults** option. The receiver displays a warning message, prompting you to confirm that you want to reset the receiver.	5	
5. Highlight and select the **Yes** option to confirm the reset. The receiver resets, and then displays the **Installation and Setup** menu.	SELECT	

RECORDING PROGRAMS

If you have a Record button on your remote, by pressing the Record button, you can tape a satellite program you are watching.

• You cannot tape a satellite program different from the one you are watching.

• You cannot watch a video tape through the receiver.

Note: Many TV programs and films are copyrighted. In certain circumstances, copyright law may apply to private, in-home video-taping of copyrighted materials.

If the VCR is connected to the receiver correctly, you can record programs that you are watching. See *Wiring the System Together* in the Reference section of this manual or the *Installation Instructions* for more details.

ATTENTION!

If you open any menu (including the **Program Guide**) while recording a program, the menu will also be recorded. If you change the volume or activate the mute button, the volume change will be recorded.

# WATCHING PROGRAMS IN OTHER LANGUAGES

You may be able to change the language of the programs you watch by using the **Alternate Audio** menu. An alternate language may not be available for all programs. Some programs, such as movies, indicate at the start of the program whether an alternate language is available.

Alternate language applies only to the audio part of programs and does not change the language used in the menus displayed by the receiver.

	Remote Buttons	Menu Options
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **System Setup** option to display the **System Setup** menu.	6	
3. Select the **Alternate Audio** option.	2	

4. Use the **Arrow** button to move the highlight to the desired language in the **Languages** list. Press the **Select** button.
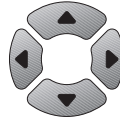
   Note: If the program is being transmitted in a language not listed, then selecting the **Alternate** option selects that language. If not, then selecting the **Alternate** option selects English.

5. **Either:** Highlight and select the **Save** option to save your language choice. The receiver displays the **System Setup** menu.

   Or: Press the **Cancel** button to cancel any changes. The receiver displays a confirmation menu.

   At the **Confirmation Men**u:

   Either: Highlight and select the **Yes** option to discard any language changes.

   Or: Highlight and select the **No** option to save any language changes you have made.

PERFORMING DIAGNOSTIC TESTS

Diagnostic Tests are available for you to check that the main parts of the system are working correctly. The Diagnostics menu includes tests for the following parts: the receiver front panel, the remote control, the dish signal, the receiver telephone connection, and the main unit (that is, the receiver).

STARTING A DIAGNOSTIC TEST

	Remote Buttons	Menu Options
1. Press the **Menu** button to display the **Main** menu.	MENU	
2. Select the **System Setup** option to display the **System Setup** menu.	6	
3. Select the **Diagnostics** option to display the **Diagnostics** menu.	3	
4. In the **Diagnostics** menu, select the option for the diagnostic test that you want to do, as listed below.		

FRONT PANEL BUTTONS DIAGNOSTICS TEST

	Remote Buttons	Menu Options
1. Select the **Front Panel** option.	1	
2. Press the receiver front panel **Up** or **Down** arrow button. **Note:** If you press the receiver front panel **Power** button (the center button of the three buttons on the front panel), the receiver turns OFF, ending the test. If the front panel **Control Buttons** are working correctly, the receiver briefly displays a message that says "Front Panel button." If the front panel **Control Buttons** are not working correctly, the receiver displays a failure message. In this case, see the *Performing Diagnostic Tests* section of the *Problems and Solutions Tables* that begin on page 4-10.		
3. Press the remote control **Power** or **Cancel** button to end the test.	POWER CANCEL	

REMOTE CONTROL DIAGNOSTIC TEST

This test checks that the remote control buttons are working correctly. Do not press any buttons on the remote or the receiver while this Test is in progress.

Remote Buttons **Menu Options**

1. Select the **Remote Control** option.

2. Press any remote control button, except the **Power**, the **Cancel**, the **Page Up** or the **Page Down** button. If the remote control is working correctly, the receiver briefly displays a message that says "Remote Control Button." If the remote control is not working correctly, the receiver displays a failure message. In this case, see the *Performing Diagnostic Tests* section of the *Problems and Solutions Tables* that begin on page 4-10. **Note:** This test does not cover the remote control **Page Up** and **Page Down** buttons.

3. Press the **Power** button or **Cancel** button to end the test.

DISH SIGNAL DIAGNOSTIC TEST

This test checks that the receiver has normal signal reception. Select the **Dish Signal** option to begin the test. The receiver displays a message asking you to wait until the test is completed. Do not press any buttons on the remote control or the receiver while conducting this test. If the signal reception is normal, the receiver displays a message that says "Signal Reception OK." If the signal reception is not normal, the receiver displays a failure message. In this case, see the *Performing Diagnostic Tests* section of the *Problems and Solutions Tables* that begin on page 4-10.

TELEPHONE CONNECTION DIAGNOSTIC TEST

This test checks that the receiver telephone connection is correct. Select the **Phone Connection** option to begin the test. The receiver displays a message asking you to wait until the test is completed. If the telephone connection is correct, the receiver displays a message that says "Phone Connection OK." If the telephone is not connected properly, the receiver displays a failure message. In this case, see the *Performing Diagnostic Tests* section of the *Problems and Solutions Tables* that begin on page 4-10.

MAIN UNIT (RECEIVER) DIAGNOSTIC TEST

This test checks that the receiver is working correctly. Select the **Main Unit Test** option to begin the test. The receiver displays a message asking you to wait until the test is completed. If the receiver is working correctly, it displays a message that says "Main Unit OK." If the receiver is not working correctly, it displays a failure message. In this case, call Bell ExpressVu Customer Service Call Centre for assistance.
Note: This test may temporarily distort the TV picture.