

# -uniden®



## Satellite Television System

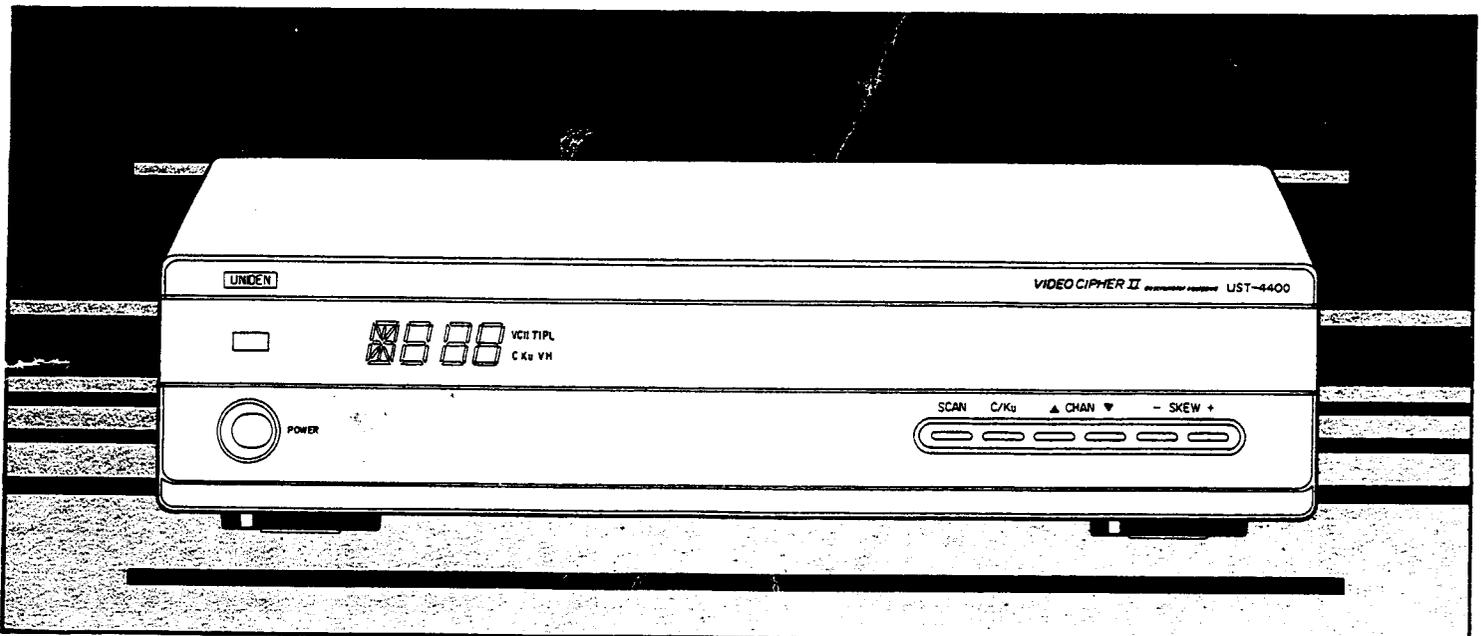
# UST 4400

### NOTICE!

#### New Customer Service Information

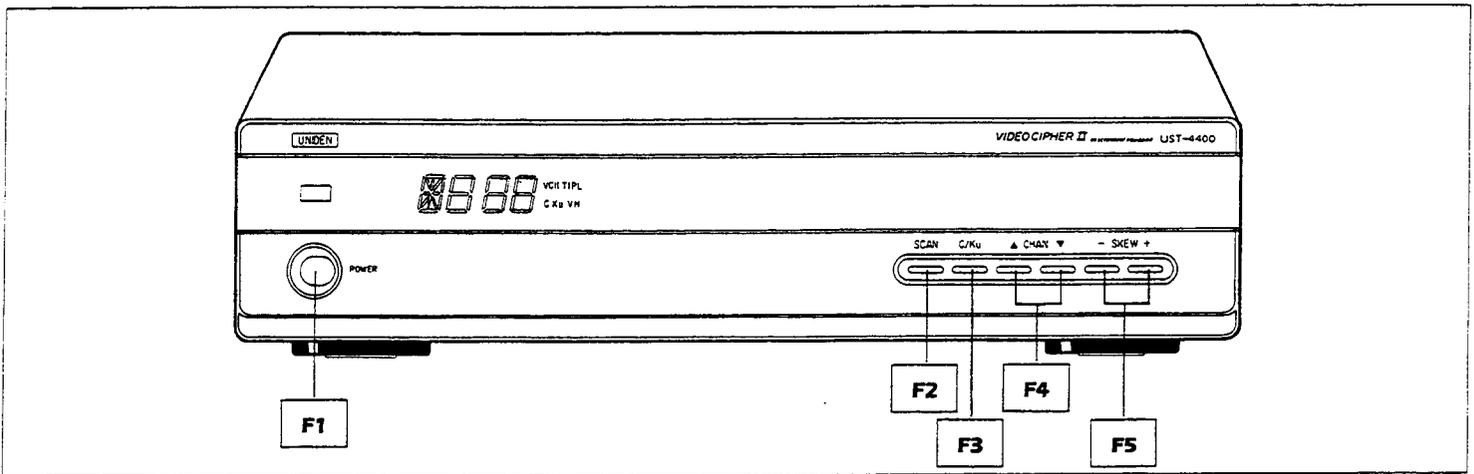
**New Address:**  
Uniden America Corp.  
Parts and Service Division  
4700 Amon Carter Blvd.  
Ft. Worth, TX 76155

**New Phone Information:**  
1-800-297-1023  
Monday through Friday  
8 a.m. - 5 p.m., Central



**A complete guide to the installation and operation of the UST 4400 Integrated Receiver/Descrambler system.**

# Front Panel Controls



**F1. Power On/Off** - Press once to turn receiver on. Press again to turn receiver off. When the receiver is turned off, power will still be supplied to the microprocessor, the VideoCipher II® descrambler and components mounted on the antenna. It is normal for the top of the receiver to be slightly warm while the power is off.

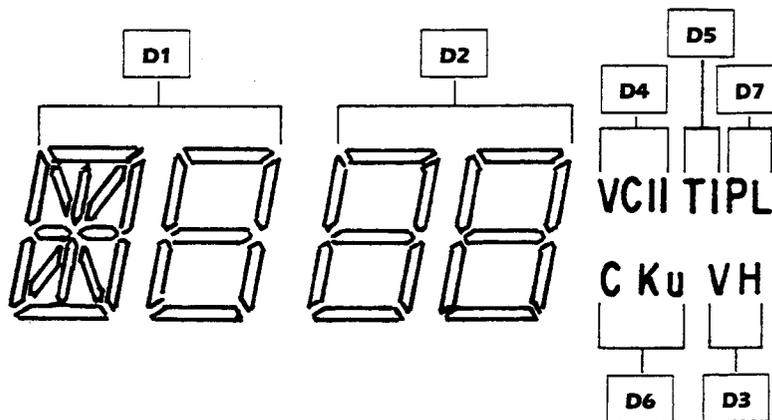
**F2. Scan** - Activates channel scan. Press once to scan slowly. Pressing and holding for more than 1/2 second will scan rapidly.

**F3. C/Ku** - Press to select C-band or Ku-band signals. A Ku-band LNB must be installed to receive Ku signals.

**F4. Channel Up/Down** - Press once to move up or down a single channel. Pressing and holding for more than 1/2 second causes channels to change rapidly.

**F5. Skew +/- Keys** - Fine-tunes the polarizer for best picture.

# Display



When power to the unit is on, the front panel displays information about the current status of the unit as follows:

**D1. Satellite Display** - Indicates the type and number of the current or selected satellite in bold large letters.

**D2. Channel Display** - Next to the Satellite Display the current channel or the channel number that you are selecting is displayed.

**D3. Polarity Indicator** - AV or H is displayed to indicate Vertical or Horizontal polarity.

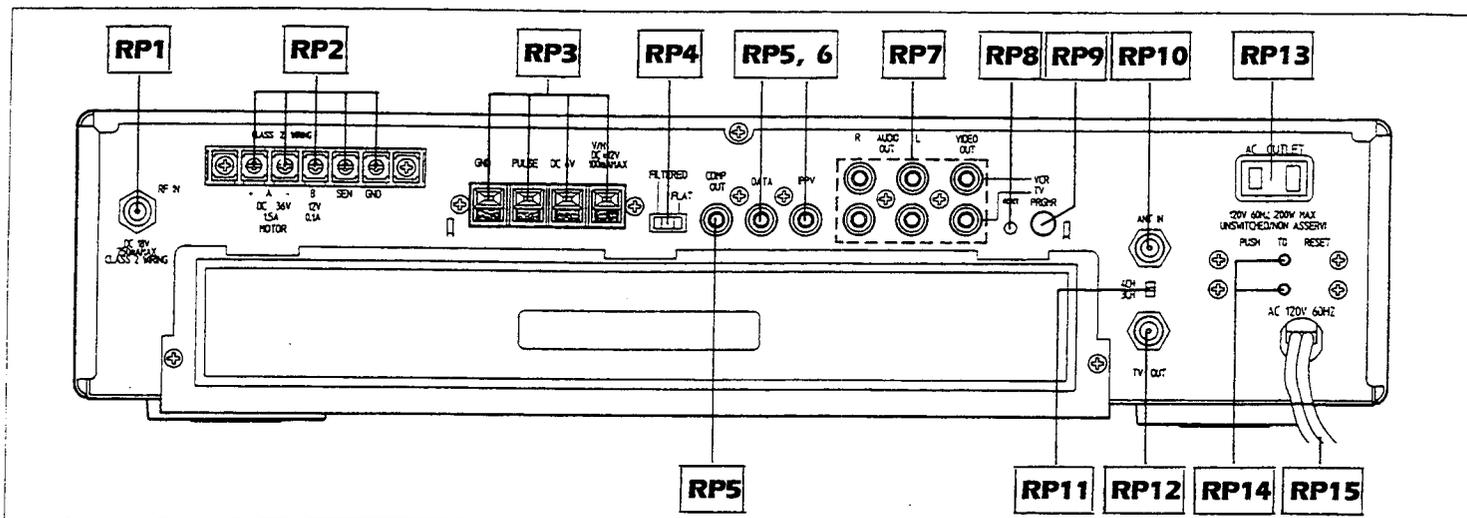
**D4. VC II Indicator** - The symbol VCII will appear whenever a VideoCipher II® scrambled channel is being received.

**D5. TI Filter Indicator** - The symbol TI will appear when terrestrial interference (TI) filter is turned on.

**D6. C/Ku Indicator** - Either a C or Ku will display to indicate C Band or Ku-band reception.

**D7. P.LOCK Indicator** - Lights Parental Lock when a channel has been selected that is locked.

# Rear Panel



**WARNING: Do not use metallic objects to move the switches on the rear panel of the unit.**

**RP1. RF in LNB** - This input accepts the 950-1450 MHz input from the C-band or Ku-band LNB. Power for the LNB is supplied through this connector.

**WARNING: Failure to observe proper polarity of connections may damage actuator and/or controller and void warranty.**

**RP2. Class II Wiring/Actuator Connections** - Connect the UST 706 actuator (optional) to these connectors. The connections are:

+, -	36V DC Motor Power
+12V	12V DC Sensor Power
	(no connection needed to the UST 706)
SEN	Sensor Return
GND	Sensor Ground

**RP3. Terminal Block.**

**GND, Pulse and +6V Terminals** - These connectors provide power and control signals for a servo type polarization device. Power to the polarizer (+6V) is automatically disconnected 3 seconds after a polarity change.

**V/H Terminal** - For use with non-Uniden V/H switches.

Control Signal provided is -12 VDC for vertical polarity and +12 VDC for horizontal polarity at 100 mA maximum current.

**RP4. Filtered/Flat Switch** - This switch allows the video de-emphasis to be removed from the composite output. Some external descramblers require this switch to be into FLAT position for proper operation.

**RP5. Comp. Out.** - Composite video output used with external descrambling devices or stereo processors.

**RP5,6. Data and IPPV** - These outputs are for future applications.

**RP7. Audio/Video Out** - A set of connectors is pro-

vided for both video monitor and VCR connections. The top row, labeled VCR, is for connection to your VCR and the bottom, labeled TV, is for connection to a video monitor. The video connector to the VCR is equipped to block all onscreen messages (such as MENU selections) except VideoCipher® messages. The A1 (Right) and A2 (Left) output phono jacks are to connect your stereo, VCR or stereo monitor for stereo audio on most VideoCipher II®-scrambled channels. Analog audio from Audio1 and/or Audio2 subcarriers is provided to both of these outputs when unscrambled channels are received, depending on the selected audio mode.

**RP8. Reset** - Pressing this button resets the CPU, in case of a system lockup condition. It **will not** erase any of the programming.

**RP9. Programmer** - This jack is provided for connecting to future Uniden® products.

**RP10. Ant. In** - Connect this input to your external VHF antenna. When the receiver is turned off, the antenna will be connected to your TV set.

**RP11. Channel 3/4 Switch** - The receiver is shipped with the receiver set to operate on TV channel 3. Set this switch to 4 if there is a strong local TV transmitter on channel 3. Your TV set should match the setting of this switch to view satellite programming.

**RP12. TV Out** - Connect this output to the VHF input on your TV set.

**RP13. AC Outlet** - A non-switched 200 watt outlet is provided for connecting any other additional unit.

**RP14. Circuit Breaker** - If unit display fails to come on when the power button is pressed, try checking the circuit breaker.

**RP15. AC Power Cord** - Connect to any 120V AC household outlet. Do not connect to an outlet controlled by a wall switch.

# Remote Control

**R1. Power ON/Off** - This key turns receiver on and off.

**R2. 0-9 Keys** - Press to select channel or preset number, (Also used for selecting Menu and VideoCipher II® Descrambler menu options).

**R3. Call** - Press this key to display the Satellite Call screen which allows you to select different satellites and automatically move the antenna and tune the receiver.

**R4. ^ and v keys** - Press once to move up or down a single channel. Pressing continuously for more than 1/2 second causes channels to change rapidly. These keys are used for the Satellite Menu and Preset Channel functions.

**R5. E and W keys** - These keys are used to tune the satellite dish position to obtain maximum clarity.

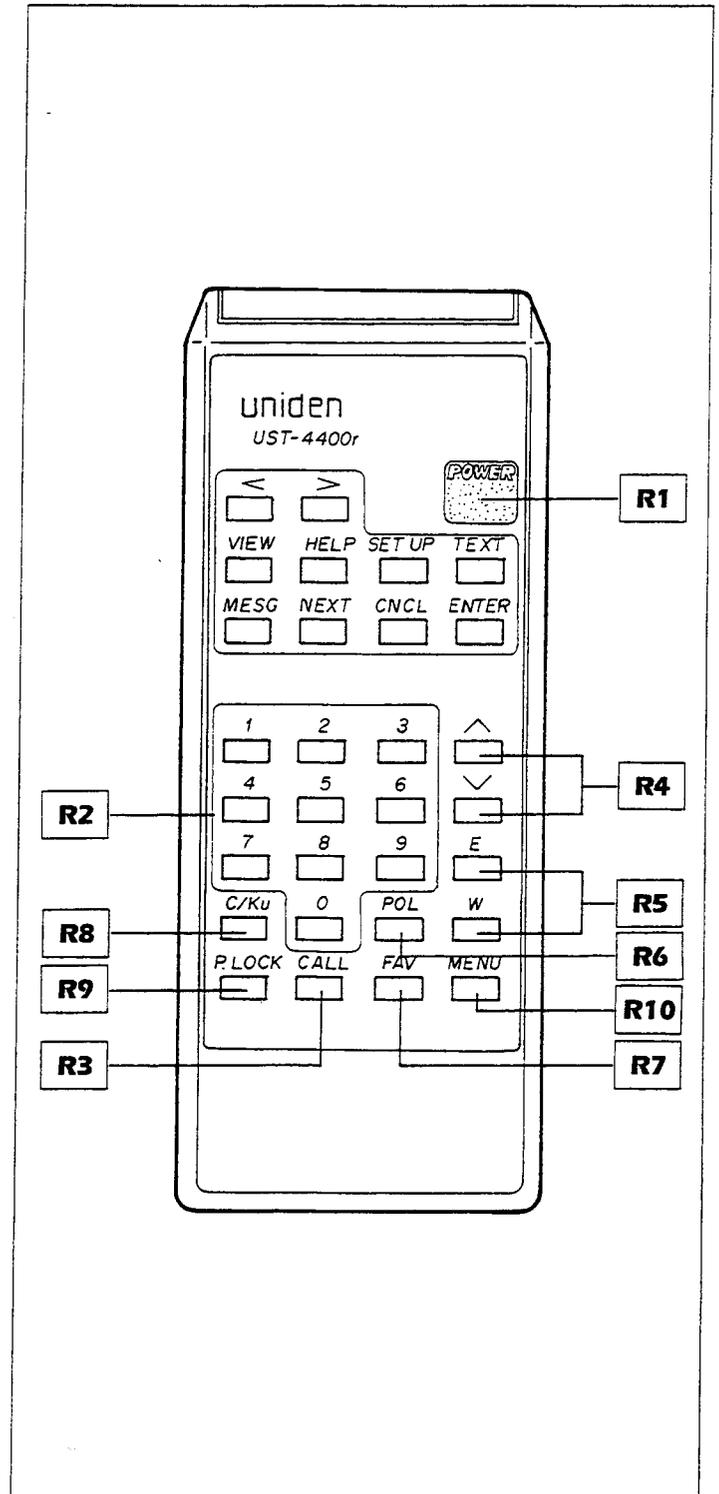
**R6. POL key** - This key changes receive polarity when pressed.

**R7. FAV Key** - This key is used in conjunction with the ^ and v and number keys for selecting favorite channels. It is also used to program these channels by pressing and holding for 5 seconds till the menu appears. (See the Programming Your Favorite Channels section).

**R8. C/Ku Key** - This key is for changing the LNB band.

**R9. P. LOCK** - Pressing this key activates Parental Lock on the channel currently selected. To remove Parental Lock, select the channel using the remote keypad, then press and hold this key for more than 5 seconds.

**R10. MENU** - This key calls up the menu for fine tuning the system and setting various options of the UST 4400. (See the Menu Functions section).



# Remote Control

## VideoCipher II® Descrambler Keys

**Note:** These keys are operative only while the VC SIGNAL light on the receiver front panel is on. See the section on VideoCipher II® descrambler operation for more details.

**R11.** < and > - On VideoCipher II®-scrambled channels, use these keys to move back and forth in the VideoCipher II® Descrambler text files or to change program rating limits.

**R12. View** - Press this key to check the program title, running time and other information about the program you are watching.

**R13. Help** - Pressing this key provides instructional text to assist in setting up descrambler features and controls.

**R14. Setup** - Press this key along with a number key to display your Authorization Number and set up VideoCipher II® Descrambler channel services and features.

**R15. Text** - Some VideoCipher II® scrambled channels provide text information to their users. These messages can include news bulletins, program promotions and other special notes. Press this key to read channel and service related text on your TV screen.

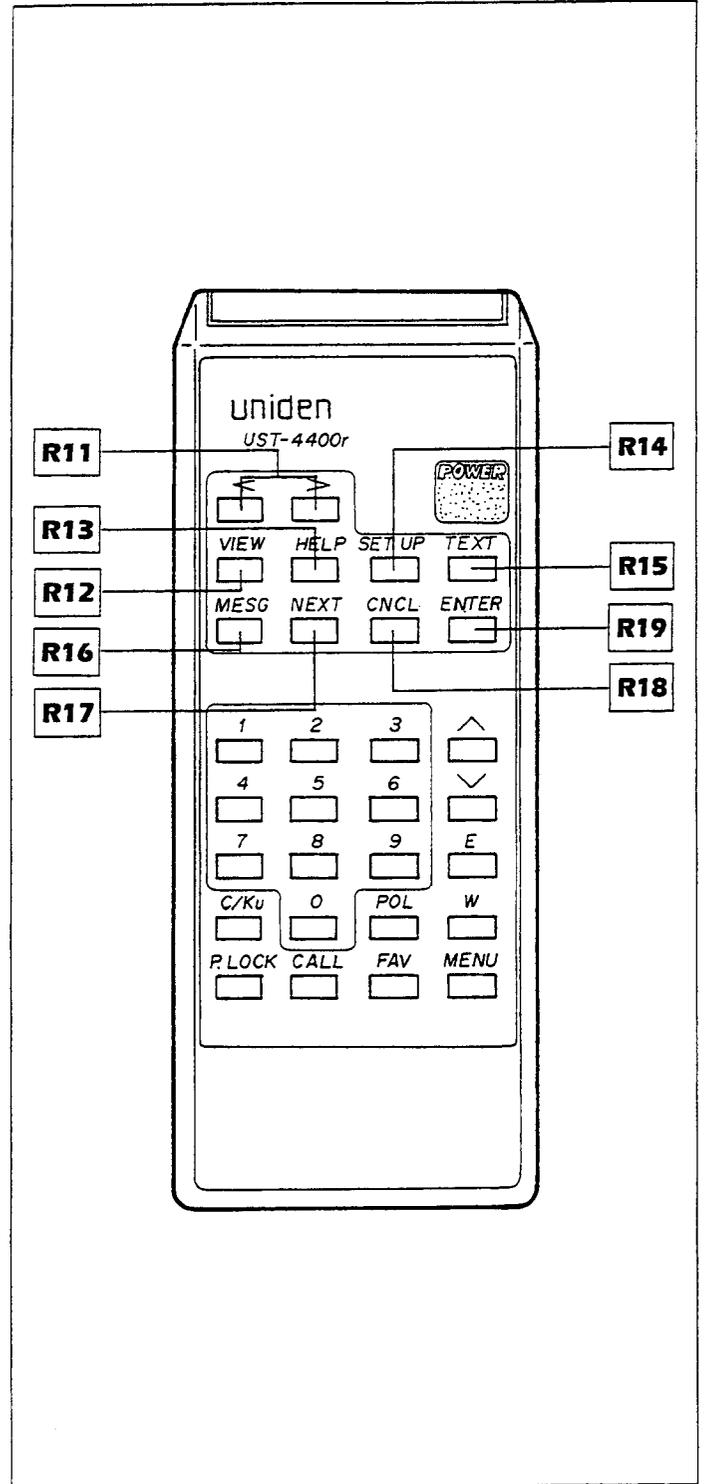
**R16. Mesg** - Occasionally a program supplier may have a personal message for you about your subscription. If you have received a message, you will see a flashing asterisk (\*) in the upper right corner of your TV screen. Press this key to read messages on your TV screen.

**R17. Next** - Pressing this key causes information on the next scheduled program on the current channel to be displayed.

**R18. Cncl** - Press this key to clear any numbers that were entered incorrectly.

**R19. Enter** - Pressing this key confirms selections and password entries for VideoCipher II® Descrambler channel setup.

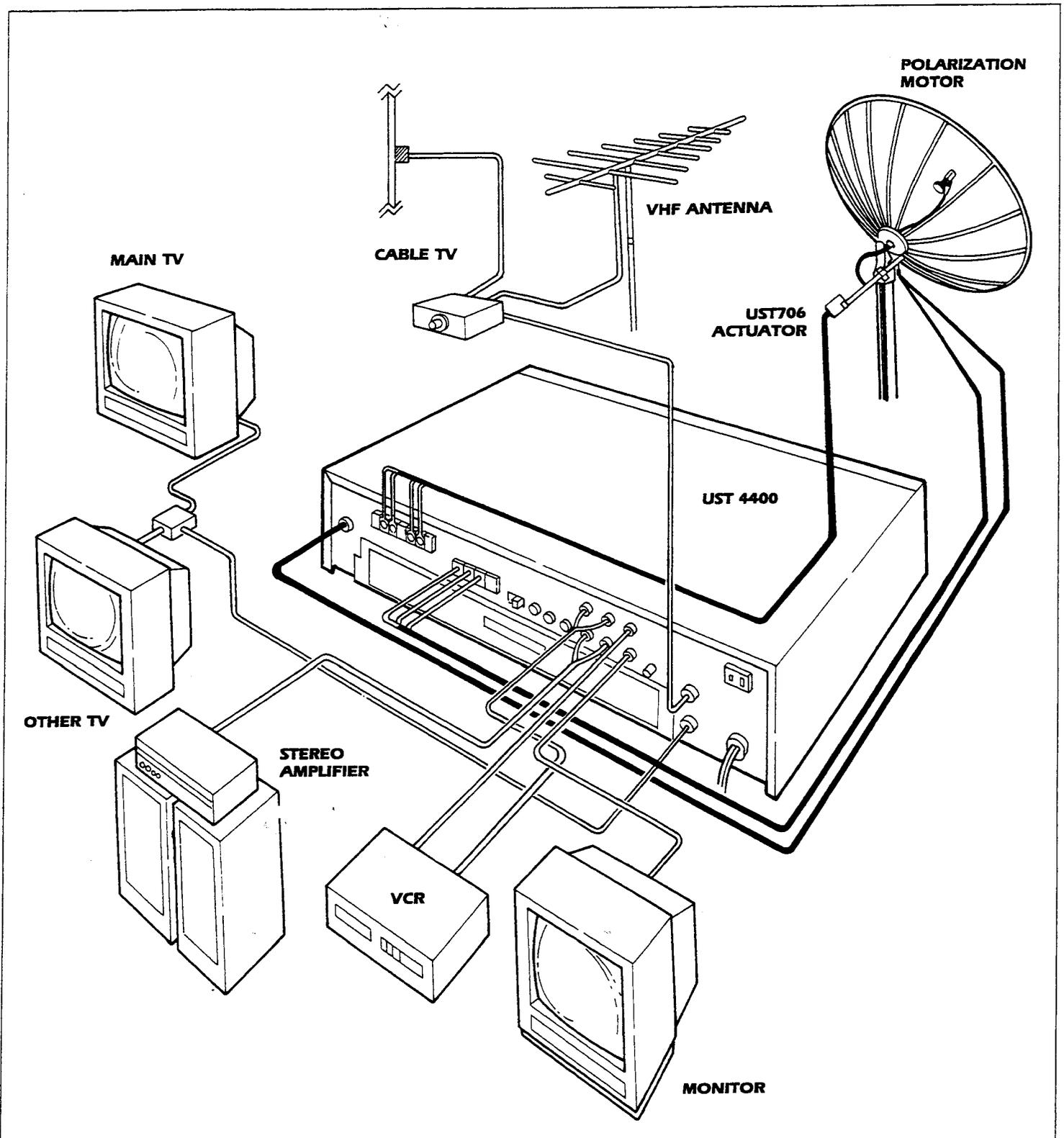
**NOTE:** Also use **R11** keys < and > for volume control.



# System Layout

The following diagram shows a typical layout for the UST 4400 satellite receiver system with all its options. Your system may not be exactly the same as this diagram shows.

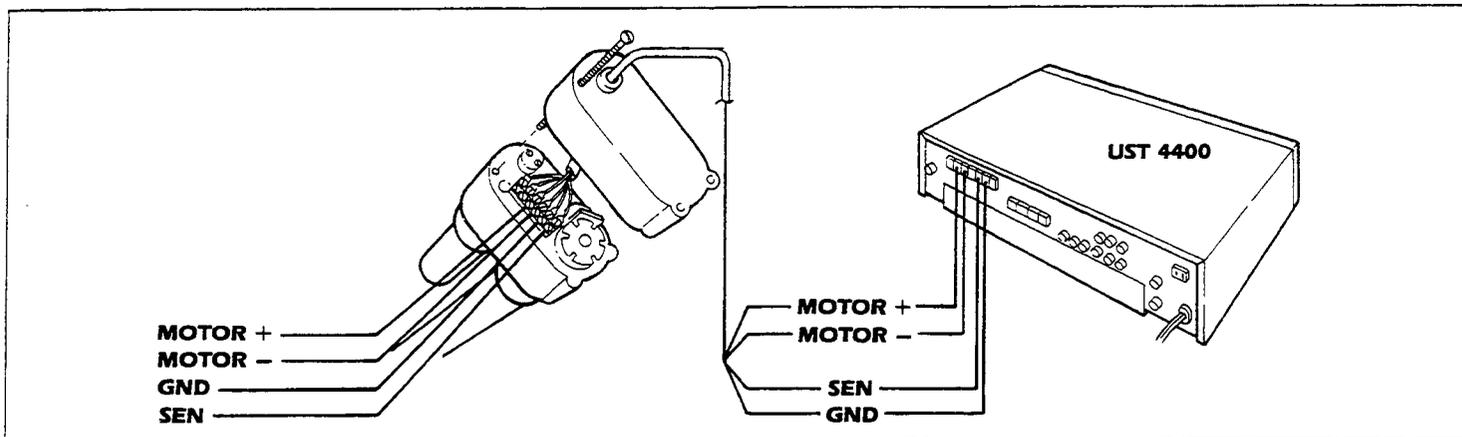
**NOTE:** Please refer to the cable chart on the preceding page when selecting cable for your system. If you have cable runs longer than those indicated in the chart you should consult your dealer for proper cable type.



## Actuator Connection

Remove the rear cover of the actuator motor. Inside the casing is a terminal strip. Connect the appropriate wires to the connections on the strip. Be sure to use the cables recommended in the preceding chart. Route the wire through the rubber seal and put the case back on the motor. Be sure that the gasket is properly seated for a

weather tight seal. The actuator should then be connected to the screw terminals on the rear of the UST 4400. Make sure that the proper connections are made. Any improper connection can cause permanent damage to your system.



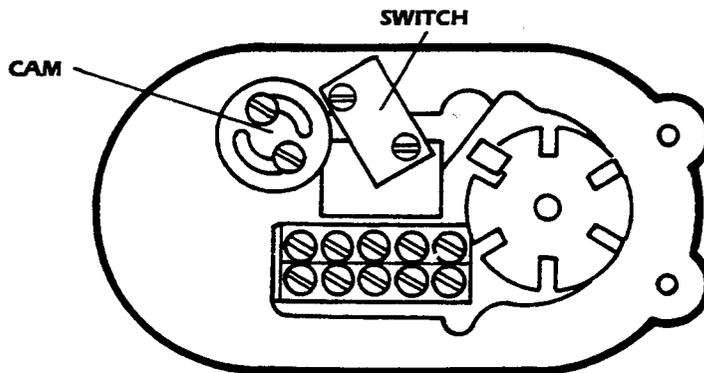
## Additional Actuator Limit Settings

The normal limit of travel for the actuator arm is about 18 inches. (See Page 31 for UST-706 Actuator).

Remove the back case of the actuator motor housing and locate the red limit switch and cam. Loosen the two screws holding cam. Turn the cam clockwise, until the screw head is located in the center of the slot. Tighten screws and replace actuator case. Press the East key to move the antenna to an eastern satellite. Move the antenna about 20 counts beyond the satellite and set the East Limit as described in the following section.

If the eastern satellite is still out of range repeat the preceding steps and rotate cam further. Be sure to reset the East and West limits as described in the following section.

**IMPORTANT:** Make sure cam screws are tight before replacing actuator case. If actuator limit cam is not secure it will cause permanent damage to your unit.



# Operation

## Normal Operation

Now you are ready to begin operating your UST 4400. This section of the operating guide will take you step by step through the most common things that you need to do. Following the procedures in this section in order will provide a guide for typical operation.

## Power On

Turn the power on with the remote control or the front panel key. Next, turn on your television set and set it for either channel 3 or 4, depending on the switch setting on the back of your UST 4400.

## Select a Satellite

To select a satellite, first press the CALL button on the remote. The SAT CALL MENU will be displayed, with the current satellite shown in the middle of the display. Use the  $\wedge$  and  $\vee$  keys on the remote control to scroll through the available satellites. When you have the desired satellite, press the CALL key again. The UST 4400 will then automatically position the dish antenna to the selected satellite.

## Selecting Channels

Channels may be selected using the  $\wedge$  and  $\vee$  keys or by directly entering the channel numbers using the number keys on the remote control. Simply push the  $\wedge$  or  $\vee$  key until the desired channel is reached. Alternatively, enter the channel number using the keypad. Channels with two digit numbers will come up immediately. Channels with only a single digit will come up after about 4 seconds. You can also enter a zero (0) before single digit channels, and then they will come up immediately.

## Selecting Favorite Channels

Up to 100 favorite stations can be stored into memory for instant recall. To select a favorite channel, press the FAV

button on the lower half of the remote and either enter a number or use the  $\wedge$  and  $\vee$  keys. When the channel you want is displayed press CALL to select the channel and the UST 4400 will automatically position the dish to the correct satellite and select the channel for you.

## Fine Tuning

The E and W keys on the lower half of the remote can be used to fine-tune dish position. This should be done for the clearest possible picture, before using the video or audio fine tune.

Additional tuning of video and audio may be done using the MENU as described in the following section.

## SCAN KEY

Press the SCAN key on the 4400 for more than 1/2 second to rapidly scan through the channels. Use the E or W key to move the antenna back and forth. When the screen flickers to indicate an active satellite, release the direction key and press the SCAN key to stop the channel scan.

## Parental Lock

The UST 4400 has a special feature which will allow up to ten channels to be locked out or blocked from viewing. If you feel that a certain program is not suitable for viewing you can lock out that channel so that it cannot be seen. To activate the Parental Lock, call the satellite and channel that you wish to lock. Press the P. Lock key on the remote control for more than 1 second. Whenever that channel is called it will appear blank on the TV screen. You can activate the Parental Lock for a total of 10 channels. To turn the Parental Lock off, call the satellite and channel, then press the P. LOCK key for more than 4 seconds. (Note: When a channel has been locked out, it will not be possible to call up the channel using the channel up/down keys. To be able to unlock the channel, you must call it up directly using the number keys.)

## Audio Tuning

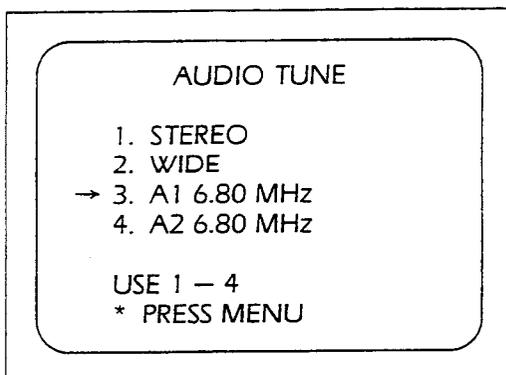
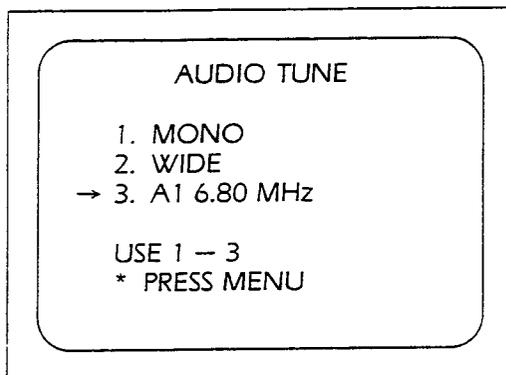
The next menu item is for adjusting the Audio Tuning. When you select this item from the main menu the screen at right will be displayed. Using the number keys you can adjust each of these settings as follows:

When the receiver is tuned on regular channels, pressing the 1 key will toggle the audio mode between MONO and STEREO. When it is tuned to VCII channels the audio mode toggles between VC II STEREO, SUB MONO and SUB STEREO.

Pressing the 2 key will toggle the audio between WIDE and NARROW operation.

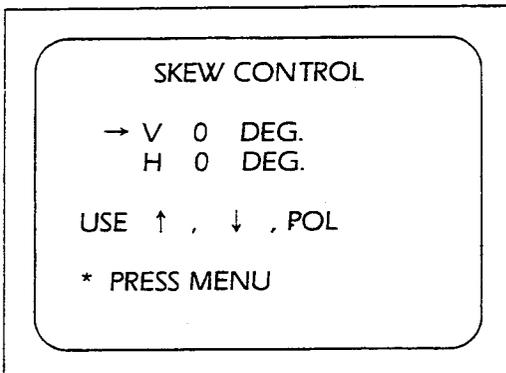
When the audio tuning is toggled on MONO only the A1 audio channel is displayed. When the audio is toggled on STEREO the A2 channel is also displayed. The frequencies of these can be adjusted by pressing the  $\wedge$  and  $\vee$  keys. The screen will show the changes as you make them.

Note that items 2, 3 and 4 will not display at VC II STEREO indication.

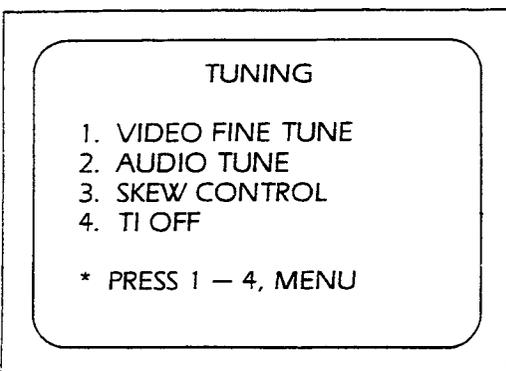


## Skew and TI Control

The next item on the menu deals with Skew control. These settings help to adjust the polarizer for the best possible picture. By pressing the POL key you can select either Vertical (V) or Horizontal (H) polarities for adjustment. Then using the  $\wedge$  and  $\vee$  keys you can adjust the skew of the polarizer until you are satisfied and ready to move on.

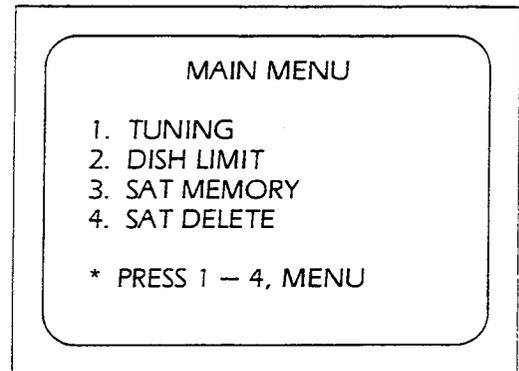


The final tuning item involves turning on and off the terrestrial interference filter (T1). Pressing the number 4 key will toggle the TI filter on and off.



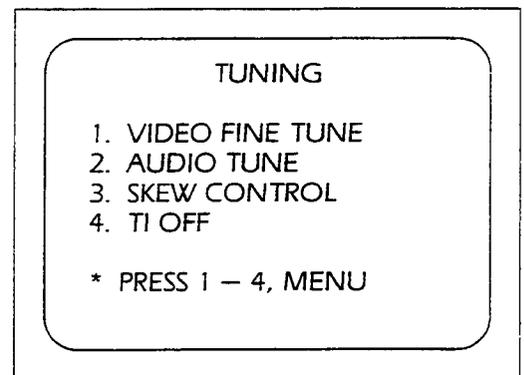
## Menu Functions

Programming the UST 4400 is easy with the built in menu system. Pressing the MENU key on the remote is all you need to do to start setting the various options and fine-tuning the display. When you press the MENU key your television or monitor will display the screen shown here. Using this menu you can select the different functions and follow the on-screen directions. These functions are further described in the following sections. While using the menu system you can always stop and resume program viewing by pressing the VIEW key.

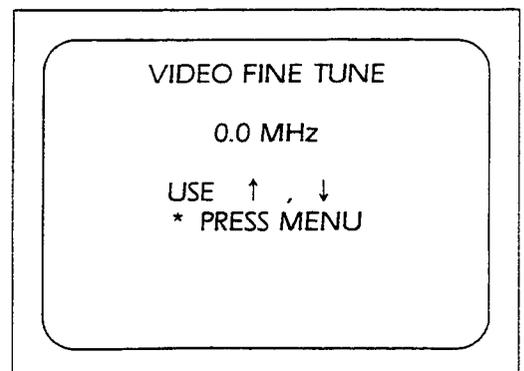


## Tuning Operations

The UST 4400 allows the user to fine-tune video and audio reception through a menu of functions. When selecting item number 1 from the MAIN MENU the screen shown at right will appear. From this menu one of the four available options may be selected by pressing the corresponding key on the number pad.



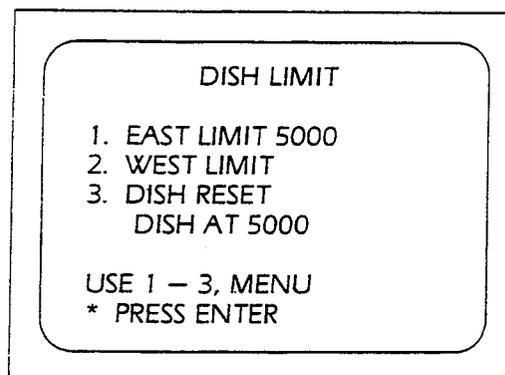
Selecting item number 1 will display the screen at right. This screen is used to fine-tune the video display. Using the  $\wedge$  and  $\vee$  keys you can change the frequency of the video signal reception. Pressing and holding the key will cause the frequency to change in larger steps.



## Setting Dish Limits

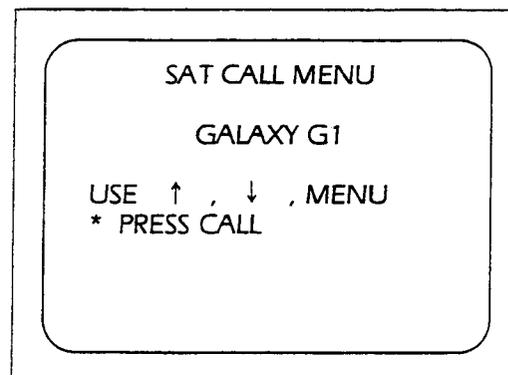
The purpose of setting the dish limits is to make sure the Satellite dish is not moved into some obstructing object which could cause damage. Setting the dish limits is normally done as part of the installation process and is handled by your vendor. However, if these limits should need to be changed, such as for a new item that would obstruct dish movement, they can be easily adjusted by selecting the number 2 item on the MAIN MENU. This will display the screen at right which will show the current settings and allow you to adjust them.

First, position the dish at the East limit you wish to set by pressing the E key. Then from this menu press 1 to set the East limit and press ENTER to store this setting. Do the same for the West limit. Pressing the 3 key will remove the programmed dish limits. When you are satisfied with the settings press ENTER.



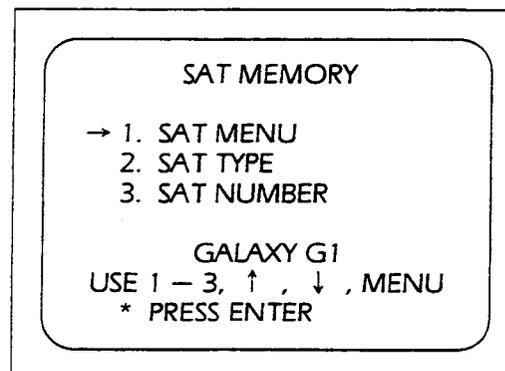
## The Satellite Call Feature

Pressing CALL key allows you to use the  $\wedge$  and  $\vee$  keys to scroll through all the programmed satellites and select the desired one. Use the up and down keys until the desired satellite is displayed and press the CALL key to select that satellite. The UST 4400 will automatically adjust to the settings for that satellite.



## Programming the Satellite Call Feature

To use the Satellite Calling Feature from the Menu the SAT MEMORY must be set. This is done by first positioning the dish at the satellite to be programmed (using the E/W keys) and tuning it to your satisfaction. Then select the SAT MEMORY function from the MAIN MENU, which will display the sub-menu screen at right.

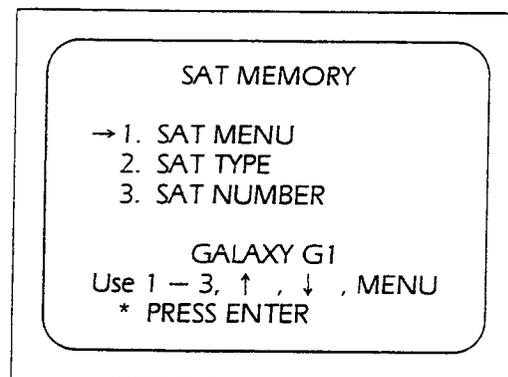
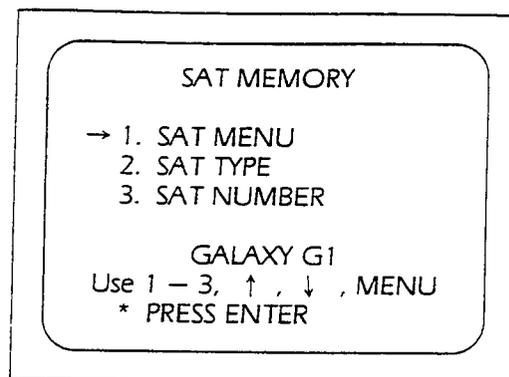


## Programming the Satellite Call Feature

Using the number keys and up and down keys all necessary information for automatic satellite calling can be programmed. Begin by pressing the 1 key and using the  $\wedge$  and  $\vee$  keys to see which satellites have already been programmed in.

Next, press the 2 key and, again using the  $\wedge$  and  $\vee$  keys, select the satellite type. There are 26 possible types indicated by the letters A-Z. Ten of these have been conventionally used to indicate existing satellites and their names will appear as you select that type. The other letters may be used for additional or new satellites.

After specifying the satellite type press the 3 key to specify the satellite number (1 – 9) using the  $\wedge$  and  $\vee$  keys. After you are finished specifying the satellite for the CALL menu press ENTER to store the selection.



## Deleting a Satellite from the Call Menu

If for some reason you need to delete a satellite from the SAT CALL MENU you would do so through the last item on the MAIN MENU – SAT DELETE. First select the satellite you wish to delete using the SAT CALL MENU. Then go back to the main menu and press 4 for the SAT DELETE function. This will display the screen at right and ask you to confirm your choice. Press the ENTER key to confirm or press the MENU key to abandon the delete function.

If you confirm the deletion a message will display on your screen saying (HAS BEEN DELETED)



# Programming Your Favorite Channels

Storage of favorite channel information is one of the most convenient features of the UST 4400. Storing a favorite channel means automatic selection of satellite and channel with only one selection. You can store up to 100 channels which you can call up using the FAV key. To use this feature you must first program the UST 4400 using the following procedures.

First, select the channel you wish to store. Then, enter the programming mode by pressing and holding the FAV key for about 4 seconds until the screen at right appears. Select the number you will use to call this channel by pressing the  $\wedge$  and  $\vee$  keys and then press ENTER to store the selection.

## FAVORITE MEMORY

FAV -

USE 0 - 9,  $\uparrow$ ,  $\downarrow$ , MENU

\* PRESS ENTER

## FAVORITE CALL

FAV - 5

G1 CH 11

USE  $\uparrow$ ,  $\downarrow$ , 0 - 9

\* PRESS CALL

# Descrambler Operation

**Note:** The VideoCipher II® Descrambler in this receiver will NOT unscramble programs without authorization from the program supplier. See the following section for information on how to obtain authorization.

Your UST 4400 receiver contains an integrated VideoCipher II® descrambler that makes it easy to watch the many channels that are currently transmitted in the VideoCipher II® scrambled format. It has features that allow you to lock out VideoCipher programs to restrict viewing and check schedules for the current and next shows available on each channel.

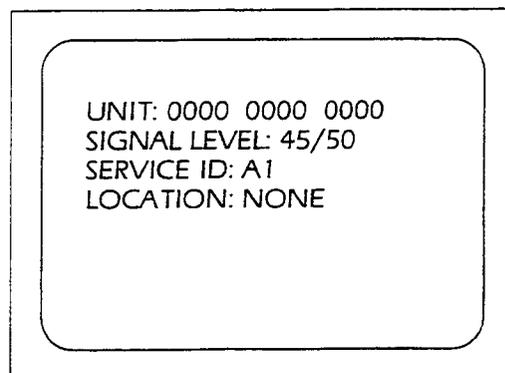
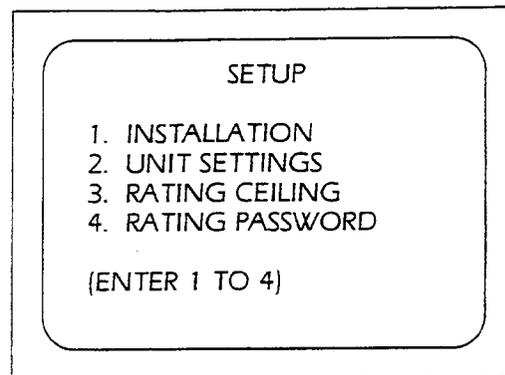
Programmers using the VideoCipher II® system send scrambled signals from their uplink transmitter to a satellite. In addition to containing coded digital audio for the service, each channel contains authorization messages addressed to individual descramblers. These messages allow your UST 4400 to receive and descramble VideoCipher II® scrambled programming. If you discontinue a subscription to a VideoCipher II® scrambled service, the messages will not be sent, and you will not be able to view the programs.

To set up your internal VideoCipher II® descrambler, first make sure that your UST 4400 is working properly in receiving unscrambled programming. It is better to first program in all of the satellites and channels before attempting to operate the descrambler, although this is not required.

With the VideoCipher II® descrambler module installed in the UST 4400, the VC indicator will light when the receiver is tuned to a VideoCipher II® scrambled channel. The screen will black out, and the message "NO SUBSCRIPTION FOR THIS PROGRAM" may or may not appear. To view scrambled programming, it is necessary to obtain authorization from your local program supplier or directly from the program distributors. They will set up an account for you and send an authorization message directly to your descrambler through the satellite that will allow it to descramble the channels you have selected.

To receive authorization for a service, check a program guide for the satellite and transponder of the desired service and tune the receiver so that it is on the proper channel. If several services are to be authorized at the same time, any of the desired channels can be selected since the same authorization message is sent to every channel at the same time and all channels will be turned on in the same authorization message.

Once a VideoCipher II® scrambled service has been tuned and the VC indicator is lit, you are ready to call for authorization. The programming distributor will need your Authorization Number, which can be read off your TV screen by pressing SETUP and 1 on the UST 4400 remote control. Your TV screen should now show several lines of information. **The first line, labeled "UNIT:" will indicate the 12-digit Authorization Number.** The first 8 digits should match the label that is on the VideoCipher II® descrambler module. This label will be visible through the



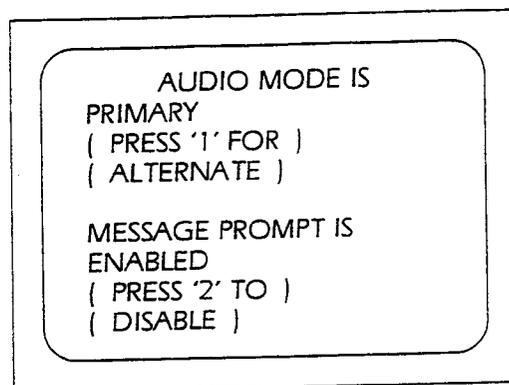
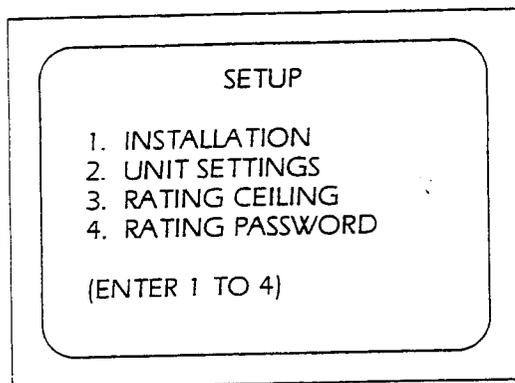
window on the left side of the UST 4400. Write down all 12 digits in the front of this manual in the space provided.

The second line, labeled "SIGNAL LEVEL:" will show two numbers. For optimum performance, both numbers should be between 45 and 50. If numbers are less than these, try fine tuning the antenna and receiver.

**NOTE:** The last line, labeled "LOCATION:" currently reads "NONE." Call the program service that you want to subscribe to. The phone numbers are listed in most program guides. They will ask for the 12-digit Authorization Number and other billing information. In most cases, before you hang up the telephone, the "LOCATION:" line will read "SET" and you will be able to hear the audio for the service. In some cases it may be several minutes or longer for this to occur. Do not change the channel until the "LOCATION:" line reads "SET" or the desired program appears. NOTE: To protect your television, the on-screen information will disappear after about five minutes, leaving a blank screen. It can be recalled by pressing SETUP and 1 again.

Press the VIEW key. You should now be able to see the current program, as well as information about the program (service name, program title and time remaining). Check your program guide to verify that you are on the correct channel. The text information will disappear after three seconds. If you want to see it again, press VIEW.

# Additional Features



Once the VideoCipher II® descrambler inside your UST 4400 is authorized, you can tune and view the VideoCipher II® channels for which you are authorized just as you would an unscrambled channel. The VideoCipher II® descrambler allows access to the following additional features and functions that will enhance your viewing pleasure. These features are only operative on VideoCipher II® scrambled channels.

## VIEW

Press the view key to see information about the current program being broadcast on the channel. This may include program title, time remaining and rating or other such information as the program supplier may wish to make available. After three seconds, this program information will disappear from the screen.

**The VIEW key is also used when you want to exit from a VideoCipher II® descrambler module setup routine.**

## HELP

Press HELP when you are using VideoCipher II® descrambler module features and need an explanation of the procedure. You will be able to read help messages on your TV screen. If you still cannot understand the procedure, press VIEW and consult this manual or your Uniden dealer.

## SETUP

The SETUP key is used with the number keys to customize features in your VideoCipher II® descrambler. If you press SETUP, you will see the screen above.

You can choose one of these setup functions by pressing the corresponding number key.

### 1. Installation

Press SETUP and 1 to see your Authorization Number and signal strength displayed on the screen. Your program supplier will need your Authorization Number to authorize your descrambler for reception of desired VideoCipher II® scrambled channels.

### 2. Unit Settings

#### Second Language Audio

Some VideoCipher II® scrambled channels may offer second languages on their programs. On the channels that offer this feature, you can select the alternate language.

1. Press SETUP, then 2.
2. Press 1 to select PRIMARY (usually English) or ALTERNATE (the second language).

#### Personal Messages

Program suppliers using the VideoCipher II® scrambling system may send you messages from time to time about your service subscription. These may concern your account balance, new services, or other information. Messages can be read on your TV.

When your VideoCipher II® descrambler module receives a message for you, a flashing asterisk (\*) will appear on the screen to inform you that a message has been stored for you. To read the message, press the MESSG key.

When using a VCR to record a VideoCipher II® scrambled program, you may want to prevent the flashing asterisk from showing on the screen. To do this, press SETUP and 2. The display will read: MESSAGE PROMPT ENABLED if the asterisk is set to appear. Pressing 2 will cause the message to change to: MESSAGE PROMPT DISABLED. Pressing 2 again will cause the prompt to become enabled again.

With the message prompt disabled, you may not know when a message has been sent to your descrambler. It is recommended that the message prompt be enabled except when you are videotaping a VideoCipher II® scrambled program. Be sure to reenable the prompt when taping is completed.

# Additional Features

## 3. Rating Ceilings

A password-protected rating limit can be set for VideoCipher II® scrambled channels. The ratings used are identical to the G, PG, PG-13, R and X ratings used by the motion picture industry.

You can prevent viewing of all rated VideoCipher II® scrambled channel programs above the level that you set. For example, if you set the level at PG, your system will allow only G and PG rated programs to be viewed. Programs with ratings of PG-13, R and X will be locked out.

To change the rating ceiling:

1. Press SETUP, then 3.
2. Enter your password if one has been set. If no password has been set, proceed to the next step.
3. Use the < and > keys to change the rating ceiling.

## 4. Rating Password

Passwords are used to control access to the rating ceiling. Pick a password number that is easy to remember such as your phone number, license number or date of birth.

If you forget your password, you will need to contact your program supplier to have it reset. If you don't want password control:

1. Press SETUP, then 4.
2. Press ENTER twice when the screen prompts you to enter a new password.

To set or change a password:

1. Press SETUP, then 4.
2. If the system has a password already stored, you will need to key it in and press ENTER before the system will accept a new one. Key in the new password and press ENTER again.
3. The screen will ask you to enter the new password again (followed by ENTER) to verify the proper entry.
4. The screen will indicate that the password has been changed and then return you to the main SETUP menu.

ENTER A NEW  
PROGRAM RATING  
PASSWORD

0 – 8 DIGITS  
PLUS 'ENTER'

(PASSWORD: \*\*\*\* )

RATING CEILING: X  
PROGRAM RATING: PG13

( ← , → , OR 'ENTER' )

REENTER THE NEW  
PASSWORD  
FOR VERIFICATION

0 – 8 DIGITS  
PLUS 'ENTER'

(PASSWORD: \*\*\*\* )

# Troubleshooting

If your UST 4400 is not performing up to your expectations, please try the simple steps listed below. If you cannot get satisfactory results after following these steps, contact your local Uniden dealer or call the Uniden Customer Service Center at **1-317-842-2483**, 9am - 5pm EST.

**NOTE:** *Over 80% of the problems occurring with satellite TV systems are related to cable trouble. If you are experiencing any problem with your system, first check all cables and connections carefully. If the problem still exists try the following steps.*

**Problem: The indicator lights on the receiver are not working. No video or audio.**

1. Check the Power switch to make sure it is on.
2. Check the AC power cord to make sure it is plugged into an outlet that is not controlled by a wall switch.
3. Check the main circuit breaker on the back of the unit.

**Problem: The indicator lights are on but no TV picture or audio.**

1. Check the power switch on the TV. Check the cable between the RF Out connector on the back of the unit and the VHF In on the TV set. Make sure both connections are secured.
2. Check the channel selector on the TV to be sure it is set to 3 or 4 and that the 3/4 switch on the back of the unit is set to the same number.
3. Parental Lock may be engaged. Check another channel or satellite.
4. Check another channel on the satellite. The current one may not have any programming.
5. Check the alignment of the antenna. Press the Scan key and look for flashes of color on the screen. When video is evident press the Scan key again to stop on that channel. Press the East and West key momentarily to align the antenna for the best picture.
6. If you still do not have a picture press the Scan key and the East or West to move the antenna to another satellite. When the video flashes on the screen, stop the east or west movement and the channel scan. Tune in the satellite as described above.

**Problem: There are ghost images or wavy lines on the TV screen.**

1. Check video polarization by pressing the V/H key. Adjust the Skew control by pressing the + or - key.
2. Check the channel fine-tune adjustment on the TV and the channel selector to make sure it is on 3 or 4.
3. Fine-tune antenna by pressing East or West key momentarily so that satellite position counter changes up to  $\pm 10$  counts.
4. Check the alignment of the antenna.
5. External interference. See Helpful Hints section about interference.

**Problem: Picture is full of snow or sparkles. Weak picture.**

1. Check all cables for proper connection.
2. Make sure that the feedhorn is properly positioned. Check the feedhorn instructions.
3. One GHz cable is too long or improper cable used for length required. Check cable chart. Check with your Uniden dealer about a line amplifier.

**Problem: Distorted audio or no audio.**

1. Check volume of receiver and TV. Check Mute control.
2. Check program guide to make sure the correct audio frequency is tuned. Press MENU and select AUDIO TUNING to tune a different frequency.
3. Check audio mode and band. Try a different band setting by using the AUDIO TUNING function on the MAIN MENU.
4. If you are using the Audio Out jacks, check to make sure cables are properly connected.

**Problem: The channel number displayed does not correspond to your program guide. The video is weak or has superimposed images. The polarity indicated in the program guide does not correspond to the setting on the receiver.**

1. Change the polarity by pressing the V/H key.
2. If Ku band, use the channel set feature.

# Troubleshooting - Continued

**Problem: Remote control will not work, works erratically.**

1. Weak batteries. Replace with 2 AAA size batteries.
2. Remote is not pointed directly at remote window on receiver.
3. Remote window on receiver blocked. Check and clear any obstructions.
4. Out of range. Remote will work within 20 feet of receiver as long as there is nothing between it and the receiver. The remote will not work through walls, furniture or people.

**Problem: Cannot receive scrambled channels.**

1. You have not subscribed to the service.
2. The program is blacked out in your area.
3. Signal strength is too low.
4. Parental Lock is engaged for the channel.
5. Rating ceiling is set too low.

**Problem: Cannot select the desired satellite from memory.**

1. Satellite not programmed.

**Problem: Antenna will not move. Antenna movement is erratic.**

1. Check actuator breaker on back of receiver.
2. Actuator improperly installed or binding. Check actuator installation and antenna mount to make sure nothing is obstructing movement.
3. Check actuator cable for proper connections at both the motor and back of receiver.
4. Antenna is too heavy for actuator. Check with your Uniden dealer about a heavy duty antenna kit.

If you *still* cannot get satisfactory results and you wish to receive information on the product or to send back a unit for repair or service, please call or write the UNIDEN Customer Service Center at:  
UNIDEN CUSTOMER SERVICE CENTER  
9900 WESTPOINT DRIVE, PO BOX. 501368  
INDIANAPOLIS, IN 46250  
**(317) 842-2483**, 8 A.M. TO 5 P.M. EST, Monday through Friday

## PARTS & ACCESSORIES

If you want to order a replacement part or accessory item, please write or call the UNIDEN Parts Department, as shown below:  
~~UNIDEN PARTS DEPARTMENT  
9900 WESTPOINT DRIVE, PO BOX 50463  
INDIANAPOLIS, IN 46250  
**(317) 842-1036**, 8 A.M. to 5 P.M. EST, Monday through Friday~~

Look on Cover Sheet