

TOSHIBA

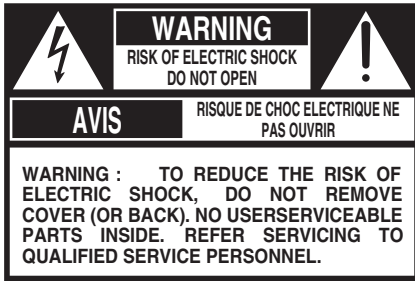
DIRECTV® High-Definition Receiver/HDTV Tuner DST-3100

OWNER'S MANUAL

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SAFETY PRECAUTIONS



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The symbol for CLASS II (Double Insulation)

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT; FULLY INSERT.

CAUTION: To ensure proper use of this product, please read this owner’s manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location. See service procedure, found at the end of this manual.

WARNING: Changes or modifications made to this equipment, not expressly approved by Toshiba, or parties authorized by Toshiba, could void the user’s authority to operate the equipment.

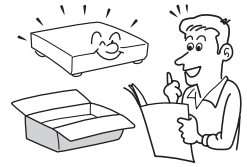
In the spaces provided below, record the Model No. and Serial No. located on the rear panel of your receiver. Retain this information for future reference.

Model No. _____

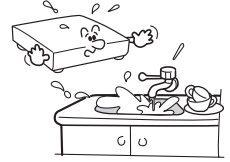
Serial No. _____

IMPORTANT SAFETY INSTRUCTIONS

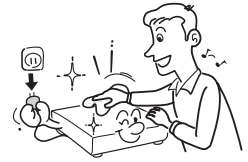
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.



5. Do not use this apparatus near water.



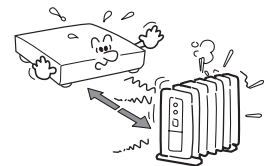
6. Clean only with a dry cloth.



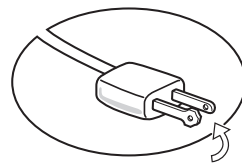
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.



8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point it exits the apparatus.

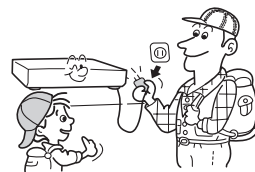


11. Only use attachments/accessories specified by the manufacturer.

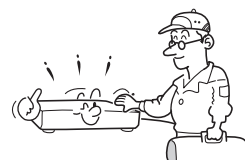
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug the apparatus during lightning storms or when unused for long periods of time.



14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



15. Never overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.



16. Never insert objects of any kind through the openings in the apparatus, as they may touch dangerous voltage points or short-out parts, which could result in a fire or electric shock. Never spill liquid of any kind on the apparatus.



17. Never place a heavy object on the apparatus. The object may fall, causing serious personal injury and serious damage to the apparatus.



FCC Information

Federal Communications Commission (FCC)—

This equipment complies with both Part 15 and Part 68 of the FCC rules.

Part 68

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back cover of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this information must be provided to the telephone company.

- A plug and jack (RJ11C) used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
- The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.
- It is unlikely, but if your **DST-3100** causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But, if advance notice isn't practical, the telephone company will notify the company as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
- The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- If trouble is experienced with your **DST-3100**, for repair or warranty information, please contact **Toshiba America Consumer Products, Inc.** at **1 (888) 867-4377**. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

*This equipment **Does Not** contain any user serviceable parts. All repairs should be performed only by Toshiba Authorized Service station personnel.*

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of your **DST-3100** does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Electrical Safety Advisory:

You should consider adding a surge arrester prior to the AC input and telephone line of your **DST-3100**. Telephone companies report that electrical surges, typically lightning transients, are very destructive to customer terminal equipment connected to AC power sources. This has been identified as a major nationwide problem.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician as appropriate.

Part 15

FCC Declaration of Conformity Compliance Statement (Part 15)

The Toshiba **DST-3100 DIRECTV®** High Definition Receiver/HDTV Tuner complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

The responsible party for compliance to these rules is: Toshiba America Consumer Products, Inc. 82 Totowa Rd., Wayne, NJ 07470, Ph: (888) 867-4377.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by removing and applying power to the equipment, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

DIRECTV®

Due to copyright restrictions, you may not be able to view some high-definition programs in high-definition format using this product.

ACTIVATION OF PROGRAMMING MAY BE SUBJECT TO CREDIT APPROVAL AND REQUIRES VALID SERVICE ADDRESS, SOCIAL SECURITY NUMBER, AND/OR MAJOR CREDIT CARD. DEPOSIT OR PREPAYMENT MAY BE REQUIRED.

Programming is subject to change. Receipt of DIRECTV programming is subject to the terms of the DIRECTV customer agreement; a copy is provided at DIRECTV.com and in your first bill. DIRECTV service is not available outside the U.S. DIRECTV® programming is sold separately and independently of DIRECTV System hardware. A valid programming subscription is required to operate DIRECTV System hardware. Activate your DIRECTV programming today at 1-800-DIRECTV (1-800-347-3288).

You may be able to subscribe to local channels from DIRECTV in certain areas. Additional equipment may be required in some markets. Check with your retailer or visit DIRECTV.com for information on availability of local channels from DIRECTV in your area.

For access to High-Definition programming, a triple LNB Multi-Satellite dish antenna, High-Definition capable DIRECTV Receiver, and High-Definition television are required. Satellite dish antenna is sold separately.

DIRECTV, the Cyclone Design logo, and ADVANCED PROGRAM GUIDE are trademarks of DIRECTV, Inc., a unit of Hughes Electronics Corp., and are used with permission.

Macrovision®

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision and is intended for home and other limited pay-per-view uses only, unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Dolby Digital®

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

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Front Panel



POWER - Press to turn the DST-3100 receiver on and off. The power light illuminates when the unit is on. The power light also flashes as the receiver is rebooting.

SELECT - Press to access a highlighted guide or menu item.

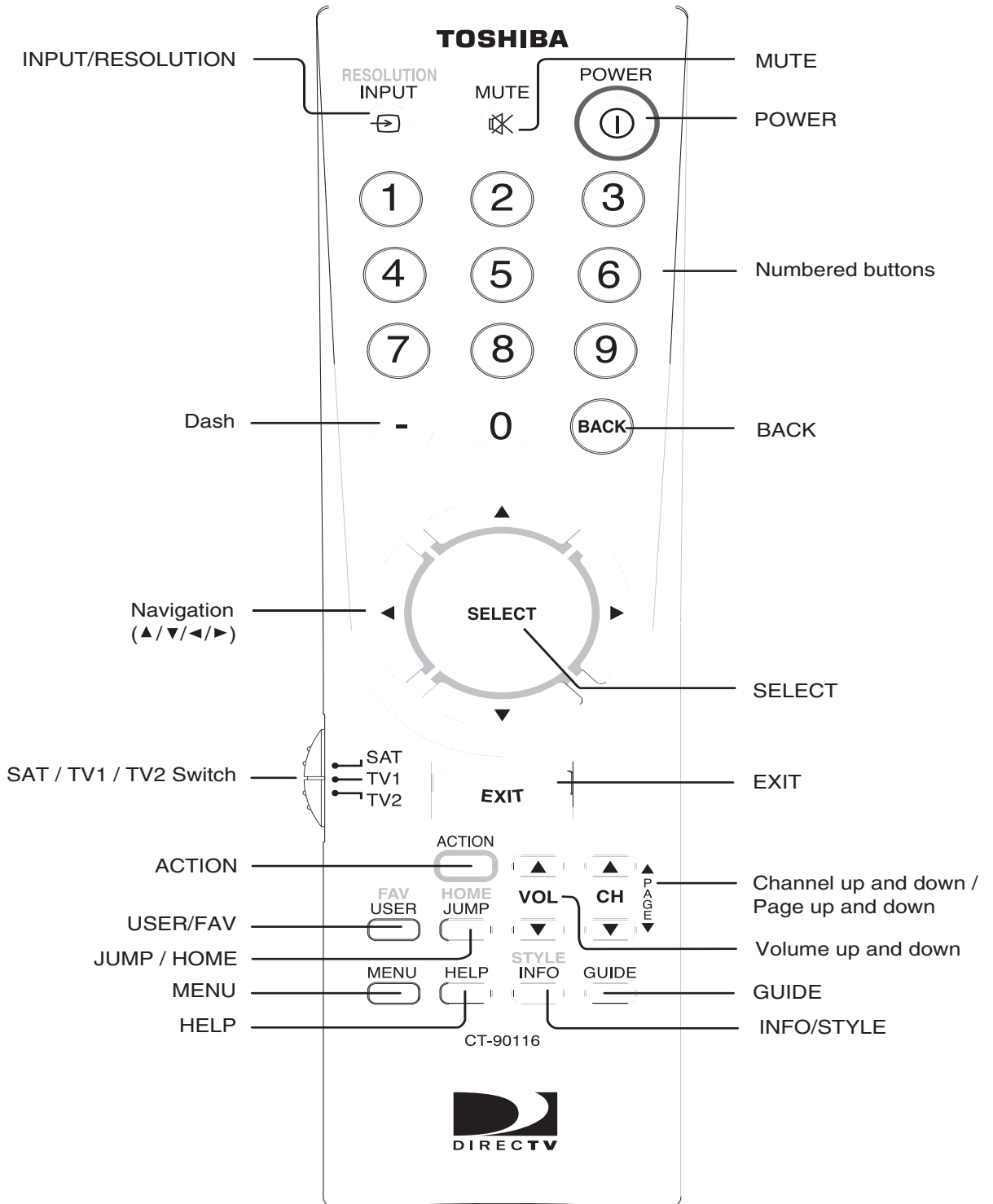
ARROWS (▲, ▼, ◀, and ▶) - Press to move the highlight around the program guide and menus. The up and down arrow keys also change channels when menus are not displayed.

GUIDE - Press to display the on-screen guide, which lists all available programs.

MENU - Press to display the menu system. This will grant access to all user settings and allow for system locks to be implemented. While in the menu system, press the menu button on the front panel to exit. (Note: the channel banner will time out automatically)

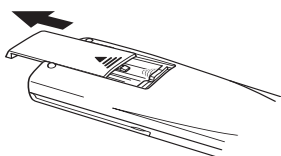
Identification of Controls (continued)

Remote Control

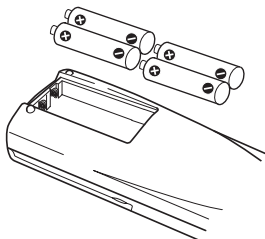


Loading Batteries

- 1** Open the cover.

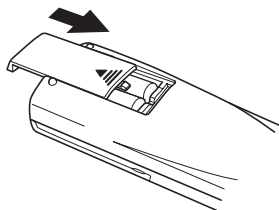


- 2** Insert the four AAA batteries.



Make sure to match the + and – on the batteries to the marks inside the battery compartment.

- 3** Close the cover.



Programming Your Remote Control

- 1** Slide the remote control's SAT/TV1/TV2 switch to either TV1 or TV2.

- 2** While holding down MUTE, use the numbered buttons to enter the appropriate 3-digit code for your brand of TV. (See the next page for applicable codes.)

Notes on batteries:

Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below.

- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries. Do not throw batteries into a fire.
- Do not leave dead or exhausted batteries in the remote control.
- Do not use different types of batteries together, or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
- If the remote control does not function correctly or if the operating range becomes reduced, replace all batteries with new ones.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.


 Identification of Controls (continued)

Remote Control Codes for your Television

| | |
|-----------------------|--|
| Admiral | 014, 021 |
| Akai | 032, 070, 073 |
| Alba | 113 |
| A-Mark | 120 |
| Amstrad | 033 |
| Anam | 009, 041, 120, 121, 191, 198 |
| AOC | 005, 006, 019, 020, 120, 195, 212 |
| Archer | 120 |
| Audiovox | 120 |
| Bauer | 111 |
| Baycraft | 036 |
| Brockwood | 195 |
| Broksonic | 062, 191 |
| Candle | 006, 022, 023, 025, 036, 191, 195, 212 |
| Capehart | 019, 195 |
| Circuit City | 195 |
| Citizen | 006, 016, 022, 023, 024, 025, 026, 191, 212 |
| Colortyme | 073, 195 |
| Concerto | 023 |
| Contec | 027, 028, 041, 091, 191 |
| Craig | 036, 041, 191, 194 |
| Crown | 026, 036 |
| Curtis Mathes | 006, 016, 026, 073, 203, 208, 212 |
| CXC | 041, 191 |
| Daewoo | 005, 024, 026, 029, 030, 031, 032, 198, 212, 219 |
| Daytron | 026, 195 |
| Dixi | 032, 088, 120 |
| Dumont | 195 |
| Echostar | 222 |
| Electrohome | 023, 073, 209, 213 |
| Elta | 032 |
| Emerson | 026, 027, 028, 033, 034, 035, 036, 037, 038, 039, 040, 041, 073, 122, 191, 192, 195, 196, 199, 220 |
| Envision | 006, 212 |
| Etron | 032 |
| Fisher | 042, 090 |
| Formenti | 111 |
| Fortress | 073, 105 |
| Fujitsu | 034, 194 |
| Funai | 034, 041, 191, 194 |
| Futuretech | 041, 191, 194 |
| General Electric (GE) | 003, 008, 009, 015, 040, 043, 044, 130, 195, 198, 201, 214, 215, 216 |

| | |
|-------------------|---|
| Genexxa | 113 |
| Goldstar | 005, 023, 026, 045, 046, 073, 088, 193, 212 |
| Granada | 195, 211 |
| Grand | 195 |
| Gradiente | 211 |
| Grundig | 047 |
| Hallmark | 195 |
| Harmon Kardon | 061 |
| Hinari | 034 |
| Hitachi | 023, 026, 048, 049, 050, 051, 052, 053, 054, 055, 085, 097, 126, 202, 218 |
| Infinity | 066 |
| JBL | 066 |
| JC Penney | 003, 005, 006, 016, 026, 031, 043, 096, 201, 214 |
| Jensen | 056, 073 |
| JVC | 057, 058, 059, 060 |
| Kawasho | 006, 073, 212 |
| Kenwood | 006, 073, 212 |
| Kloss | 022, 061, 110, 198 |
| KTV | 026, 039, 040, 041, 191, 196, 212 |
| Lloyds | 195 |
| Lloytron | 026 |
| Loewe | 088 |
| Logik | 018 |
| Luxman | 023 |
| LXI | 003, 063, 066, 090, 095, 117, 125, 201 |
| Magnavox | 006, 020, 025, 036, 064, 065, 066, 067, 068, 069, 073, 075, 110, 210, 212 |
| Magnasonic | 073 |
| Marantz | 006, 066, 073, 088, 212 |
| Matsui | 032, 109 |
| Megatron | 195 |
| Memorex | 018, 032, 090, 195, 220 |
| MGA | 004, 005, 006, 071, 073, 195 |
| Mitsubishi | 004, 005, 070, 071, 072, 097, 123, 195, 205, 207, 212 |
| MTC | 005, 006, 016, 023, 031, 195, 212 |
| NAD | 002, 117, 195 |
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| Normende | 051 |
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| Novabeam | 061, 198 |
| Nyon | 201 |
| Onwa | 041, 191 |
| Optonica | 105, 107 |
| Orion | 194 |
| Osaki | 112 |
| Panasonic | 008, 009, 010, 011, 012, 066, 074, 185, 187, 189, 197, 198, 200, 206, 214, 216 |
| Philco | 005, 006, 025, 036, 064, 065, 068, 073, 110, 212 |
| Philips | 066, 088 |
| Pioneer | 002, 048, 051, 076, 208 |
| Portland | 005, 026, 212 |
| Proscan | 003 |
| Proton | 013, 019, 026, 036, 085, 124, 195 |
| Pulsar | 001 |
| Quasar | 008, 009, 077, 198, 200 |
| Radio Shack | 026, 041, 107, 112, 191, 198 |
| RCA | 003, 005, 015, 048, 079, 080, 081, 082, 083, 084, 086, 087, 125, 133, 134, 191, 198, 201, 208, 214, 215, 216 |
| Realistic | 090 |
| Saba | 051 |
| Saisho | 032, 033, 109 |
| Sampo | 006, 019, 198 |
| Samwon | 120 |
| Samsung | 005, 006, 016, 023, 032, 088, 112, 195, 204, 212, 221 |
| Sanyo | 042, 089, 090, 091, 092, 109 |
| SBR | 088 |
| Schneider | 088 |
| Scott | 026, 034, 037, 041, 093, 100, 191, 196, 201 |
| Sears | 003, 023, 034, 042, 063, 089, 090, 094, 095, 096, 098, 099, 101, 102, 103, 104, 117, 195, 203 |
| Seimitsu | 195 |
| Sharp | 026, 085, 091, 105, 106, 107, 108, 128, 129 |
| Siemens | 091 |
| Signature | 018 |
| Silver | 073 |
| Solavox | 112 |
| Sony | 000, 078, 109, 119, 122, 190 |

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| Soundesign | 025, 036, 041, 191, 195 |
| Spectricon | 020, 120 |
| Squareview | 194 |
| SSS | 005, 041, 073, 191, 212 |
| Supra | 023 |
| Supre-Macy | 022 |
| Sylvania | 006, 025, 036, 064, 065, 066, 068, 073, 075, 100, 110, 111, 212 |
| Symphonic | 132, 192, 194 |
| Tandy | 105, 113 |
| Tatung | 009, 198 |
| Technics | 008 |
| Techwood | 023, 073 |
| Teknika | 004, 005, 016, 018, 022, 023, 024, 025, 026, 034, 036, 041, 114, 115, 186, 191, 212 |
| Teleavia | 051 |
| Telefunken | 051 |
| Teletech | 032 |
| Tera | 013 |
| Thomas | 195 |
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| Totevision | 026 |
| Toyomenko | 195 |
| Universal | 043 |
| Vector Research | 006 |
| Victor | 057 |
| Video Concepts | 070, 191 |
| Vidtech | 005, 195, 212 |
| Viking | 022 |
| Wards | 005, 006, 015, 018, 034, 036, 043, 064, 065, 067, 068, 107, 119, 212, 214, 215 |
| Yamaha | 005, 006, 212 |
| York | 195 |
| Zenith | 001, 018, 193 |
| Zonda | 120 |

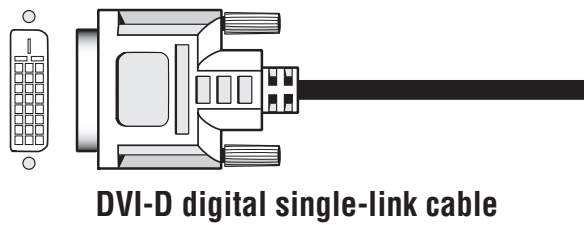
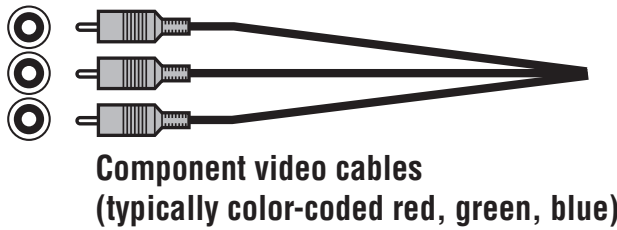
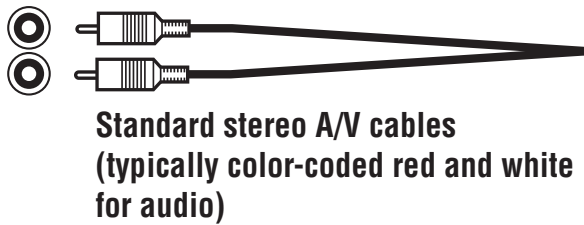
Connections

- Cable Types
- Connecting to an Antenna
- Connecting to an HDTV equipped with DVI
- Connecting to a Standard Definition TV
- Connecting to a VCR
- Connecting to an amplifier equipped with a digital audio input
- Connecting to a standard amplifier

Cables

Refer to the diagram below to identify the types of cables that may be used to connect your receiver.

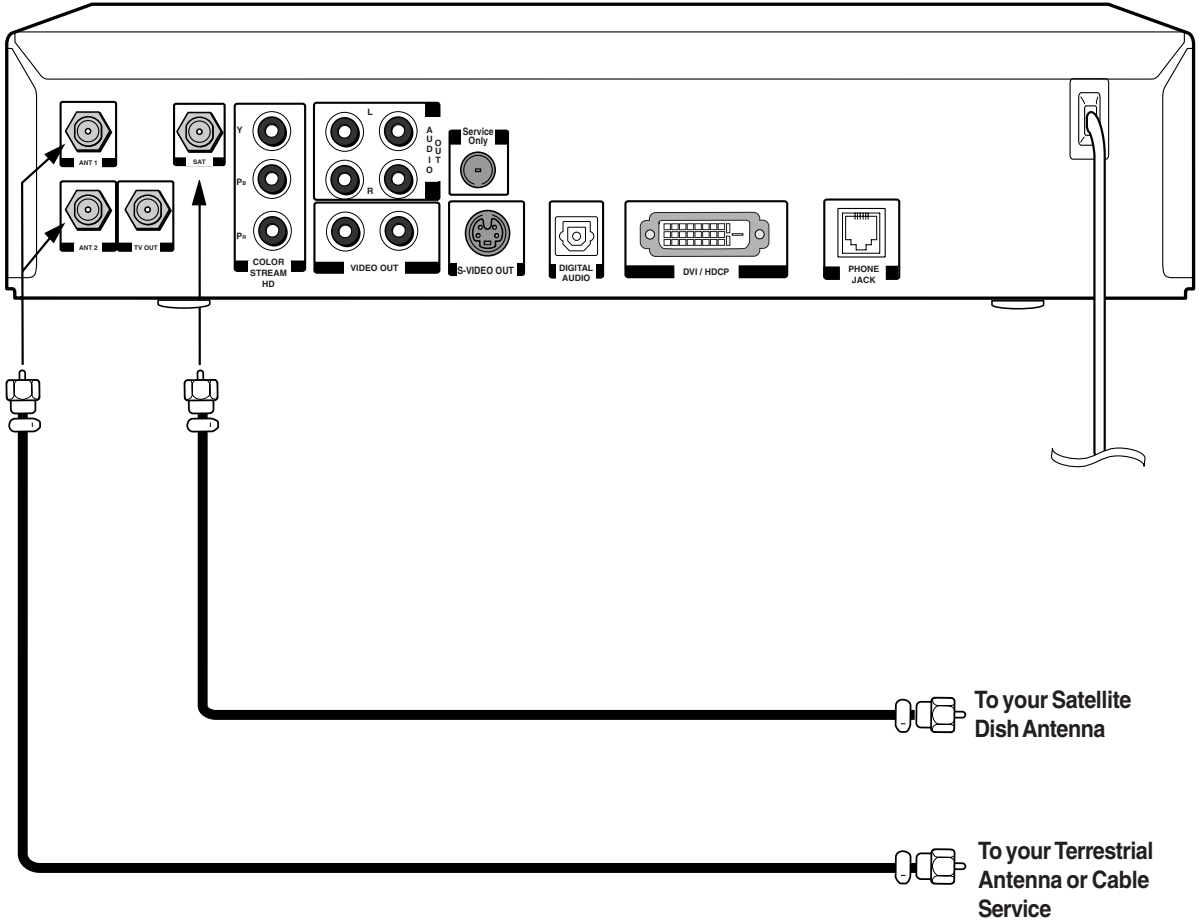
Cable Types



Connecting to an Antenna

Connect the receiver to a satellite dish, terrestrial antenna, or cable service.

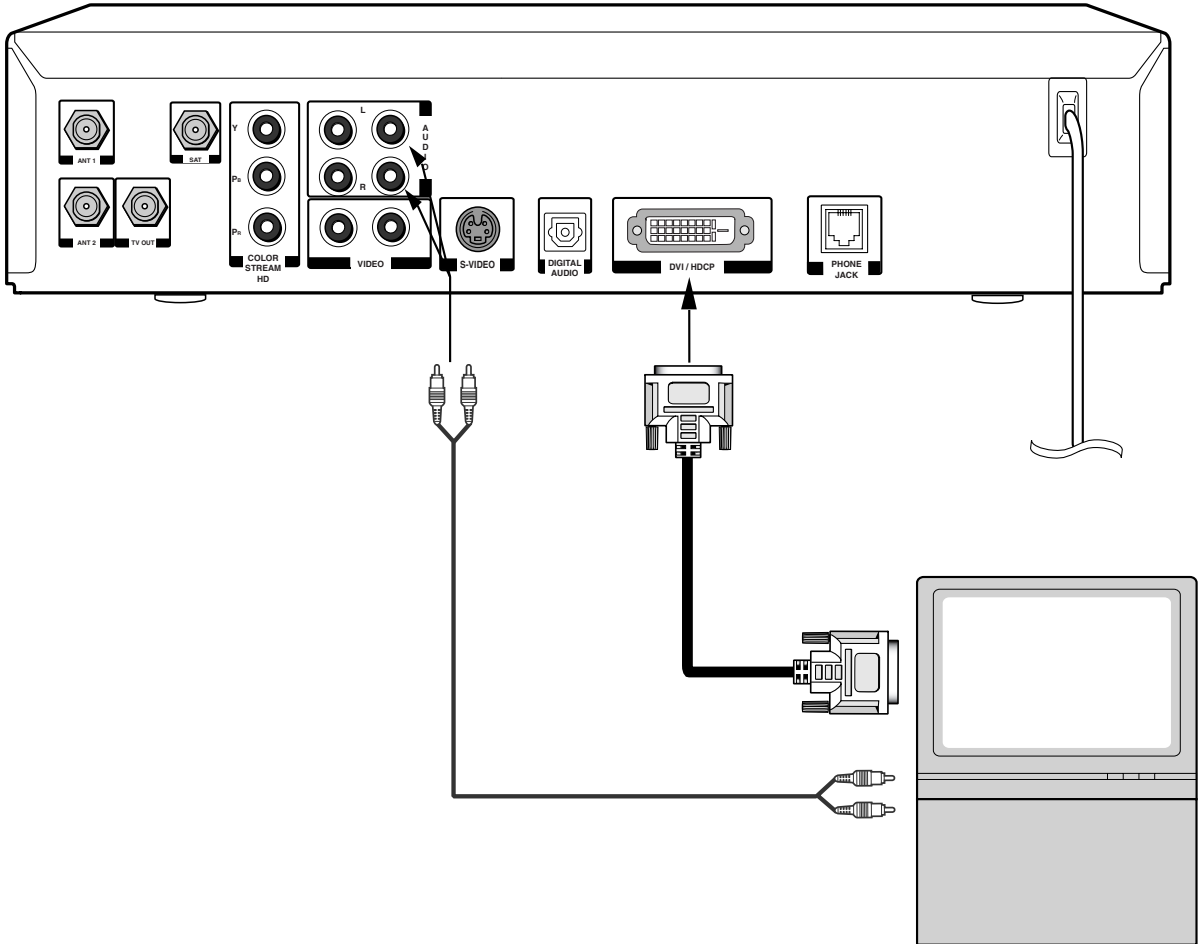
DIRECTV® Satellite Dish Antenna/Terrestrial Antenna/Cable Service



Connecting to a TV

Connect the receiver to your TV.

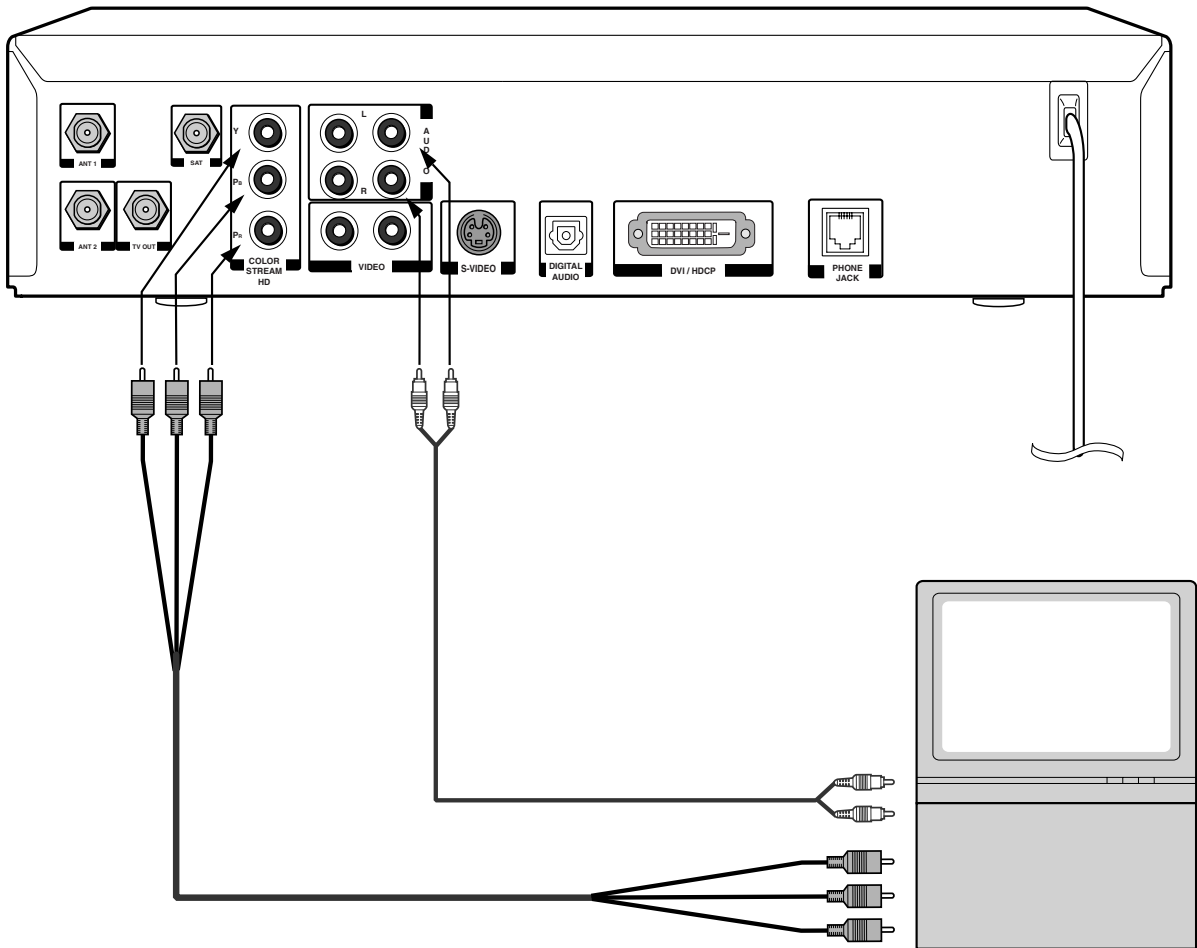
Connecting to an HDTV with DVI/HDCP



Notes

- DVI/HDCP = Digital Visual Interface/High-bandwidth Digital Content Protection.
- The DVI/HDCP connection is designed for best performance with 1080i high-definition video signals.
- The DVI/HDCP connection will also accept and display 720p and 480p picture signals.
- The DVI/HDCP connection will not display 480i picture signals.
- Refer to the owner's manual of the connected TV as well.
- When you connect the receiver to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If your television set has one audio input, connect the left and right audio outputs of the receiver to a Y cable adapter (not supplied) and then connect to your TV.

Connecting to a HDTV with Component Video



Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the receiver to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If your television set has one audio input, connect the left and right audio outputs of the receiver to a Y cable adapter (not supplied) and then connect to your TV.
- Some TVs may not support all HD formats.

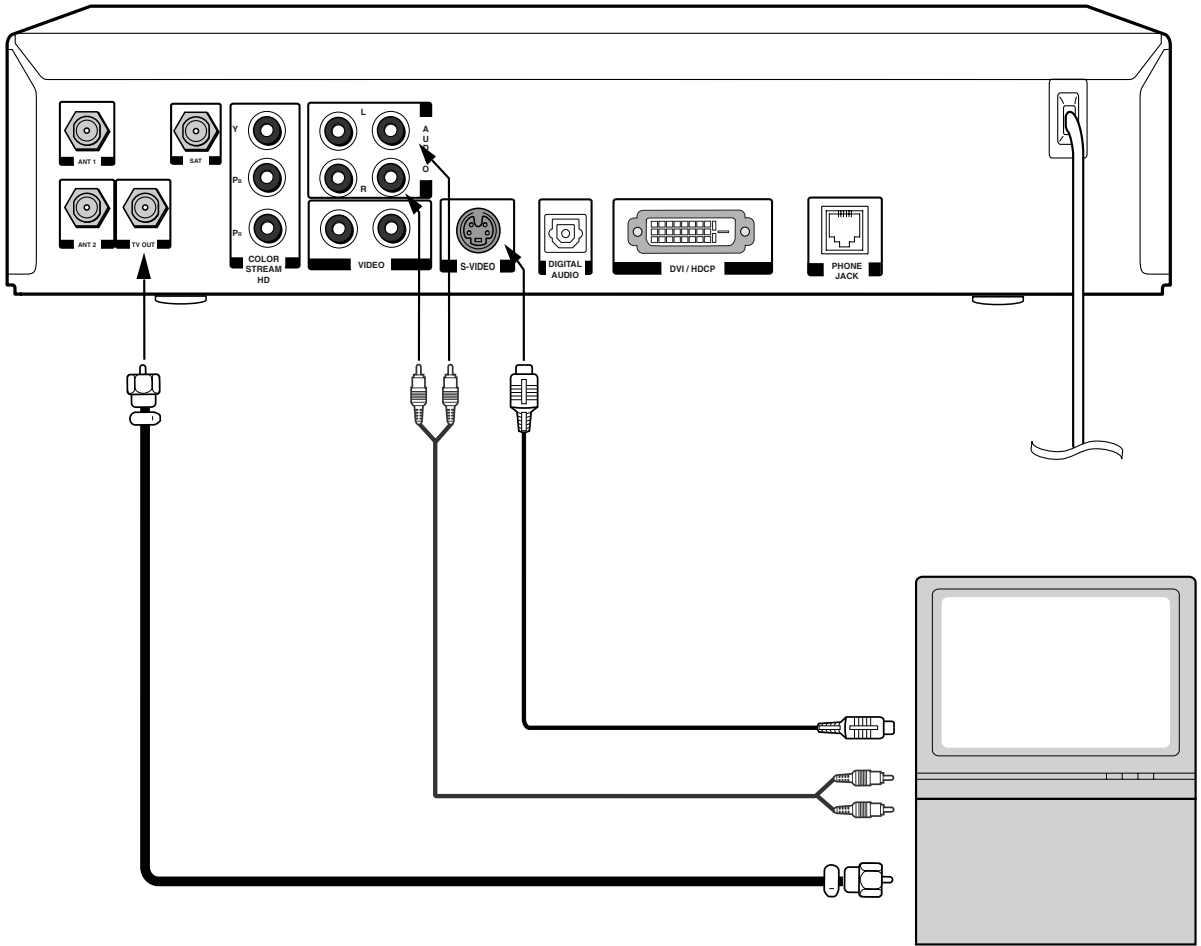
INTERLACED outputs/inputs (ColorStream®)

- Some TVs are equipped with component video inputs. Connecting to these inputs allows you to enjoy a higher quality picture.
- Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, B-Y, R-Y or Y, CB, CR)
- ColorStream = 480i on Y, P_B, P_R.
- ColorStream HD = 480i, 480p, 1080i; and sometimes 720p.

Connecting to a TV (continued)

Connect the receiver to your TV.

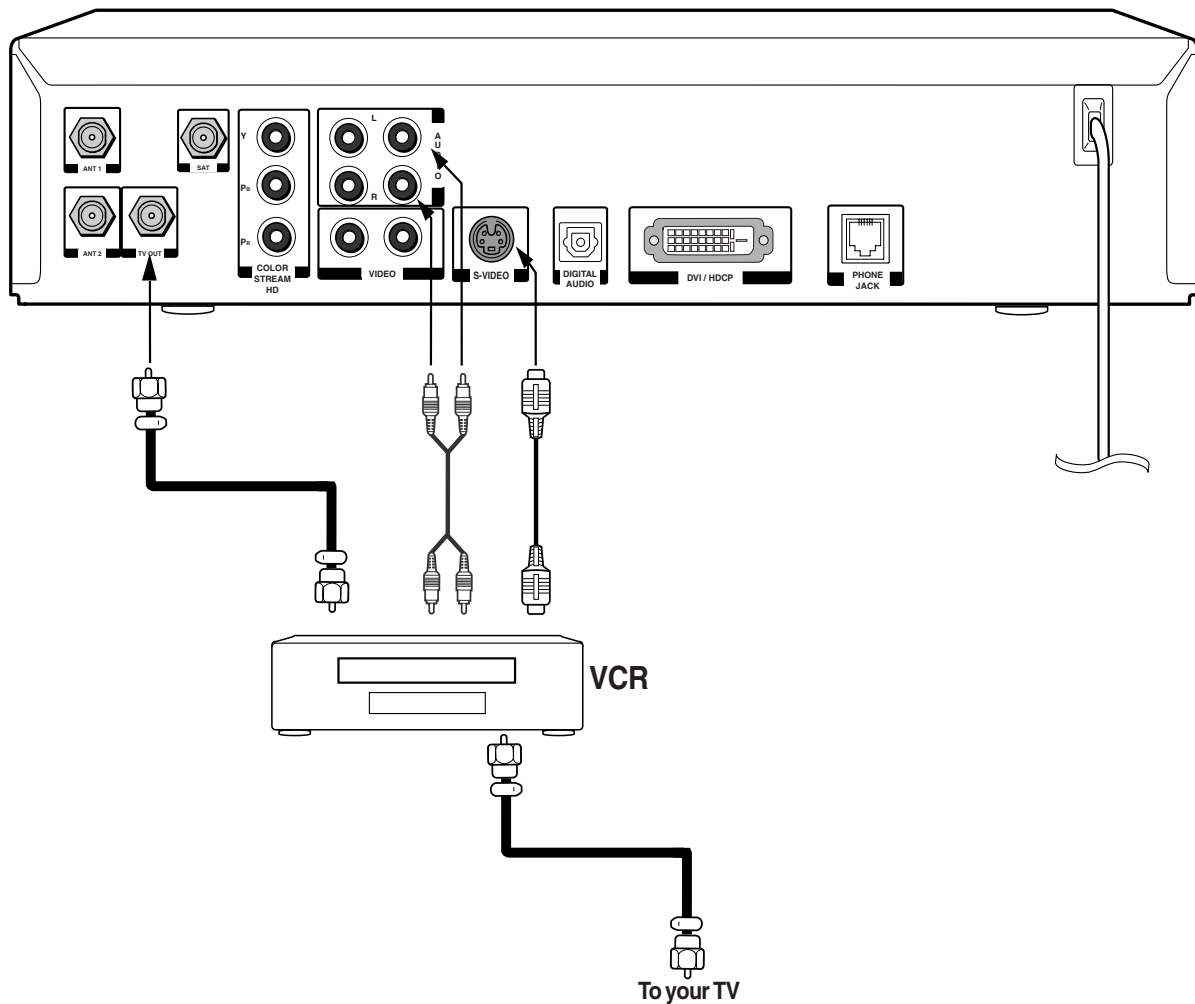
Connecting to a Standard Definition TV



Notes

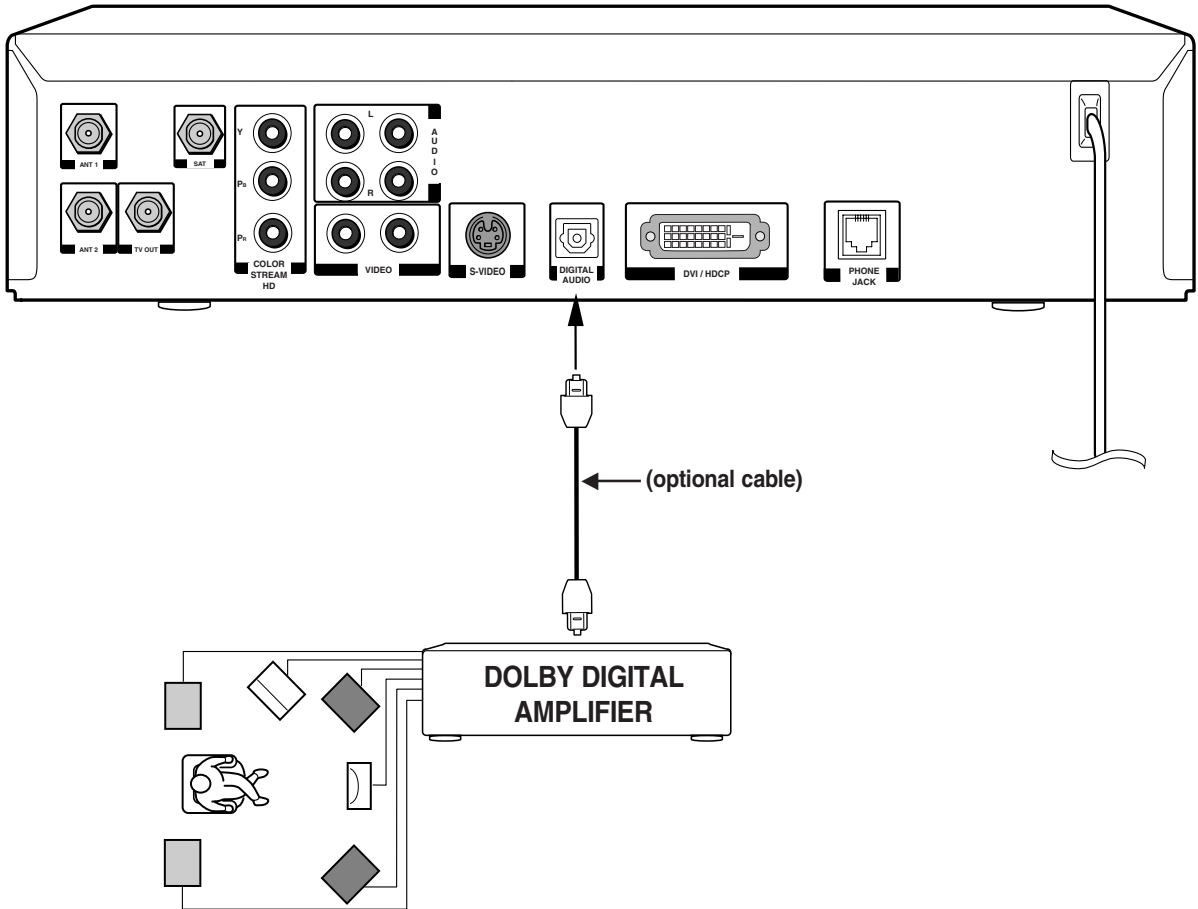
- Refer to the owner's manual of the connected TV as well.
- When you connect the receiver to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If your television set has one audio input, connect the left and right audio outputs of the receiver to a Y cable adapter (not supplied) and then connect to your TV.
- Connect the receiver directly to your TV.

Connecting to a VCR

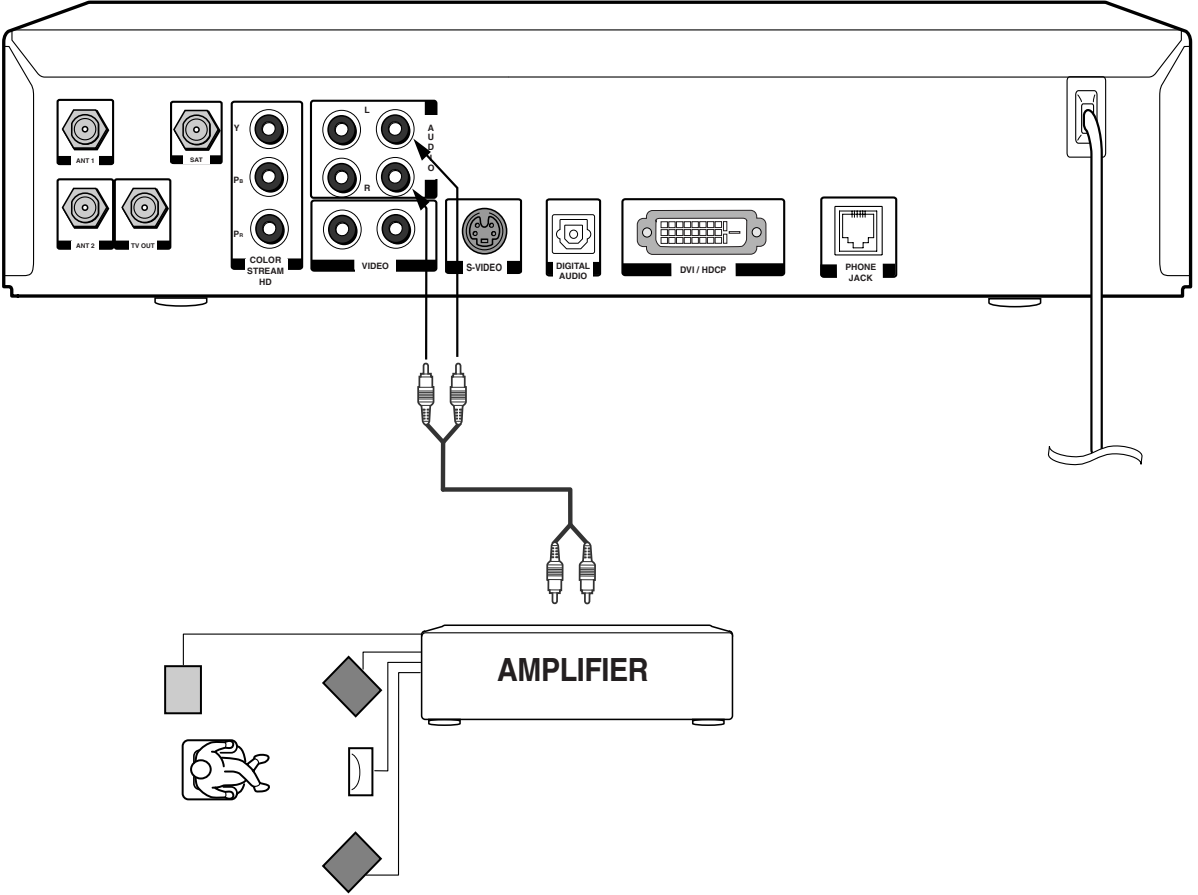


Connecting to Optional Equipment (continued)

Connecting to an amplifier equipped with a Dolby Digital decoder



Connecting to a standard amplifier



Installation

- Installation Type
- Dish and Antenna/Cable Setup
- Dish Only Setup
- Antenna/Cable Only Setup
- Installation Complete
- Types of Programming
- Quit Installation

Installation


This section describes the installation process.

System Configuration Types

Preparations

- Install a DIRECTV® Satellite Dish Antenna, Terrestrial Antenna, or Cable Service.
- Turn on the TV.

1 Press the POWER button.

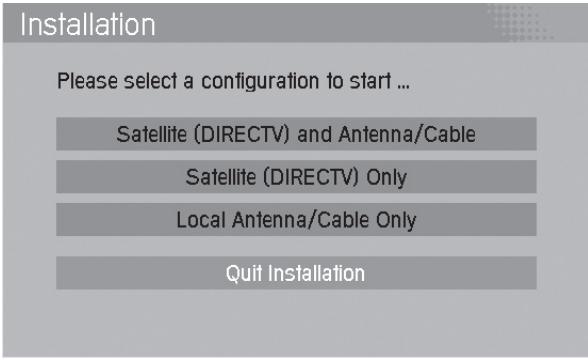
 The receiver turns on and the Power On indicator illuminates.

When the receiver is turned on for the first time you will see the TOSHIBA logo, followed by an on-screen display of installation settings.

2 Press ▲ or ▼ to highlight the appropriate system configuration, and then press the SELECT key.

Refer to the following pages for the installation steps necessary for your system configuration.

- [27](#) Satellite (DIRECTV) and Antenna/Cable
- [31](#) Satellite (DIRECTV) Only
- [33](#) Local Antenna/Cable Only



DIRECTV® Satellite Dish Antenna and Antenna/Cable

Configuring your receiver to work with a DIRECTV Satellite Dish Antenna and Antenna/Cable.

Dish Setup Screen

Select the correct type of DIRECTV Satellite Dish Antenna so the DST-3100 receiver can calculate the correct coordinates for pointing the dish antenna.

Preparations

- Select *DIRECTV Satellite Dish Antenna and Antenna/Cable* from the Installation screen.

1 Press ▲ or ▼ to highlight the *Dish Type* field and then press ◀ or ▶ to highlight the type of dish antenna that is connected to the receiver.

Dish Types:

- **None:** Terrestrial antenna or cable signal only.
- **Round:** 18" round satellite dish antenna (no HD reception).
- **Oval 2:** Oval dish antenna with two LNBs.
- **Oval 3:** Oval dish antenna with three LNBs (recommended).
- **Auto:** This option should only be used if you cannot determine your dish type or location.

2 Press ▼ to highlight the *Location* field and then press ◀ or ▶ to select either **ZIP Code** or **Latitude/Longitude**.

Press ▼ to navigate to the first digit field and use the numbered keys on your remote control to enter your **ZIP Code** or **Latitude** and **Longitude**.

3 Press ▼ to highlight **Save** and then press **SELECT**.

Notes

- The *Auto Dish* option should only be used if you cannot determine your dish type or location. If you use this setting you must highlight *Start AutoConfig* and press **SELECT**.

The screenshot shows the 'Dish Setup' screen with the following fields and options:

- Dish Type:** Auto Dish (highlighted), Start AutoConfig
- Location:** ZIP Code (highlighted), 3 7 2 0 5
- Dish Pointing Information:** Elevation: N/A, Azimuth: N/A, Tilt: N/A
- Switch Type:** N/A
- Networks:** 0
- Buttons:** Save, Cancel

Signal Strength Screen

The *Signal Strength* screen displays a numerical strength (0 to 100) and a meter accompanied by an audible tone to indicate signal strength.

A strong signal is indicated by a high number, large amount of the meter being occupied, and a high-pitched, rapidly beeping tone.

From the *Source* field you can check the signals from each of the satellites you configured on the previous *Dish Setup* screen. (*Satellite A: Single; Satellite A, B: Oval 2; Satellite A, B, C: Oval 3*)

When you have received the strongest signal from several transponders on each of the satellites, you have completed the setup for digital satellite channels.

If you are not receiving a strong signal, the dish antenna pointing requires further fine-tuning.

When you are satisfied with the signal strength, highlight **OK** and press **SELECT**.

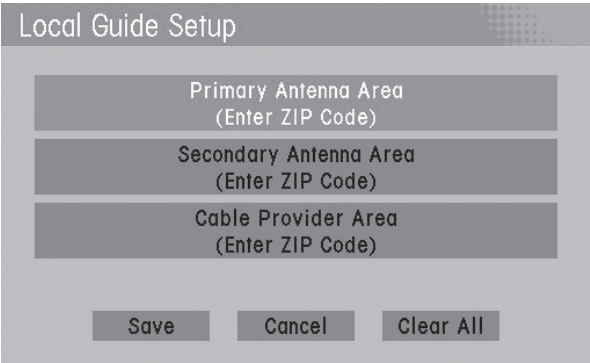
The screenshot shows the 'Signal Strength' screen with the following information:

- Signal Locked:** 0 Peak 0
- Source:** Satellite A (highlighted)
- Transponder:** 1 (highlighted)
- Button:** OK

DIRECTV® Satellite Dish Antenna and Antenna/Cable (continued)

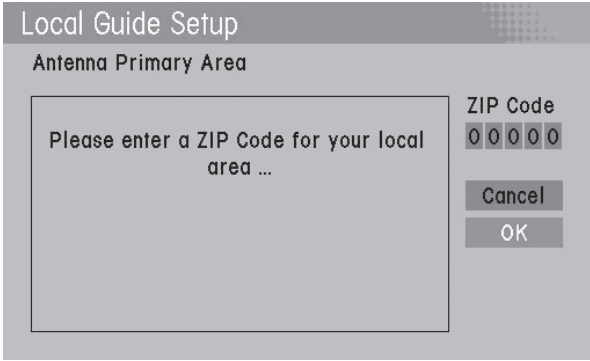
Configuring your receiver to work with a DIRECTV Satellite Dish Antenna and Antenna/Cable.

Local Guide Setup Screen



If you are connected a terrestrial antenna or local cable TV service to view local analog or digital channels, you need to configure the DST-3100 receiver to receive these broadcasts.

- 1** Press **▲** or **▼** to highlight **Primary Antenna Area** and then press **SELECT**.
 The **Primary Area** specifies what terrestrial program information should appear in the Guide.
- 2** Press **▲** or **▼** to highlight to the *ZIP Code* field. Use the numbered keys on the remote to enter **your ZIP code**.
 After you have entered the last digit of your zip code, the system will list the available providers in your area.
- 3** Press **◀**, then **▲** or **▼** to highlight **your provider**. Press **SELECT**.
- 4** Press **▲** or **▼** to navigate to **Secondary Antenna Area** and then press **SELECT**.
 The **Secondary Area** specifies what additional terrestrial program information should appear in the Guide.
 Follow steps 2–3 above.
- 5** Press **▲** or **▼** to highlight *Cable Provider Area* and then press **SELECT**.
 The **Cable Provider** specifies what cable program information should appear in the on-screen program guide.
 Follow steps 2–3 above.

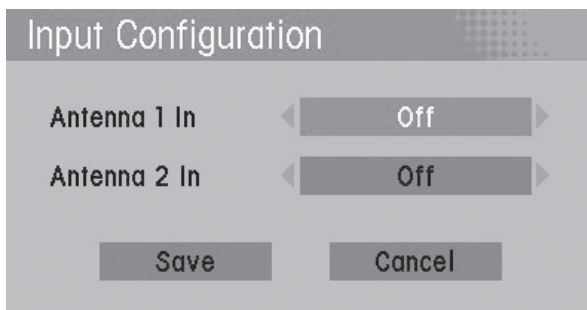


- Notes**
- If you do not have cable service connected to the DST-3100, it is not necessary to complete step 5.

Input Configuration Screen

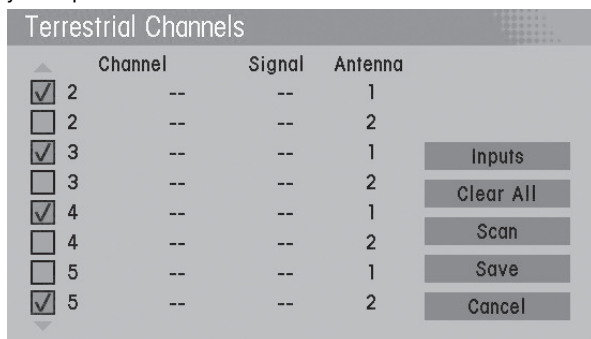
Use the *Input Configuration* screen to configure the source types that are connected to the ANT1 and ANT2 jacks.

- 1 Press ▲ or ▼ to navigate to the appropriate fields.
- 2 Press ◀ or ▶ to select the type of inputs you connected to the DST-3100.
- 3 Press ▲ or ▼ to highlight the **Save** and then press **SELECT**.



Terrestrial Channel Screen

Now that you have configured the inputs, the *Terrestrial Channels* screen allows you to select the available channels for your input source.



- 1 Press ▲ or ▼ to highlight **Scan** and then press **SELECT**.

The receiver will scan for available channels from the input source(s) that you configured in the Input Configuration screen.

When the scan is complete, the screen will list the channels and which antenna input they are coming from (ANT1 or ANT2).

- 2 Press ◀ to highlight the channel list if you need to manually add or delete channels

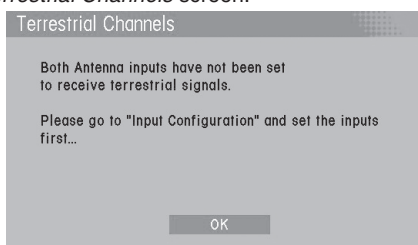
- 3 Press ▲ or ▼ to highlight the desired channel boxes (on the left side of the screen). Press **SELECT** to add the highlighted channel. A blue box with a checkmark indicates the channel has been added.

To remove a selected channel, highlight the desired blue box and press **SELECT**. The checkmark will be removed and the box will be gray.

- 4 After you have selected all desired channels, press ▲ or ▼ to highlight **Save** and then press **SELECT**.

Notes

- If you have not configured any inputs, the message below will be displayed. To configure the inputs, select **Inputs** on the *Terrestrial Channels* screen.



DIRECTV® Satellite Dish Antenna and Antenna/Cable (continued)

Configuring your receiver to work with a DIRECTV Satellite Dish Antenna and Antenna/Cable.

Time And Date Settings Screen

The Time And Date screen's *Source* field will default to **Satellite**. This means that your receiver will get its time and date settings from the satellite signal. If you need to change these settings, follow the steps below.



- 1 Press ▲ or ▼ to highlight the *Source* field and then press ◀ or ▶ to select **Manual**.
- 2 Press ▲ or ▼ highlight the *Time Zone* field and then press ◀ or ▶ to select your time zone.
- 3 Press ▼ to highlight the *Daylight Saving* field and then press ◀ or ▶ to select **ON** or **OFF**.
- 4 Press ▼ to highlight the *Save* button and then press **SELECT**.



DIRECTV® Satellite Dish Antenna Only

Configuring your receiver to work with a DIRECTV Satellite Dish Antenna.

Dish Setup Screen

You must select the correct type of DIRECTV Satellite Dish Antenna so the DST-3100 receiver can calculate the correct coordinates for pointing the dish antenna.

Preparations

- Select *Satellite (DIRECTV)* from the Installation screen (see page 28).

1 Press ▲ or ▼ to highlight the *Dish Type* field and then press ◀ or ▶ to highlight the type of dish antenna connected to the receiver.

Dish Types:

- **None:** Terrestrial antenna or cable signal only.
- **Round:** 18" round satellite dish antenna (no HD reception).
- **Oval 2:** Oval dish antenna with two LNBS.
- **Oval 3:** Oval dish antenna with three LNBS (recommended).
- **Auto:** Use this option only if you cannot determine your dish type or location.

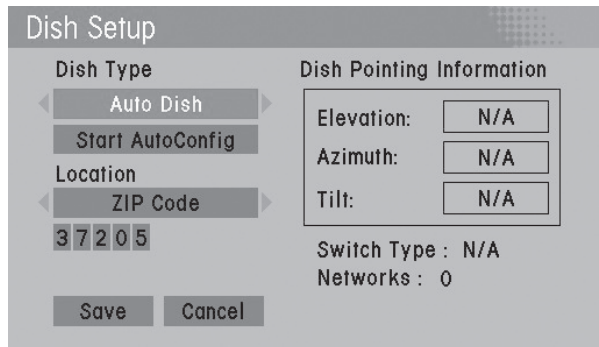
2 Press ▼ to highlight the *Location* field and then press ◀ or ▶ to select either **ZIP Code** or **Latitude/Longitude**.

Press ▼ to highlight the first digit field and use the numbered buttons on your remote control to enter your **ZIP Code** or **Latitude** and **Longitude**.

3 Press ▼ to highlight **Save** and then press **SELECT**.

Notes

- Use the *Auto Dish* option only if you can not determine your dish type or location. If you use this setting you must highlight *Start AutoConfig* and press **SELECT**.



Signal Strength Screen

The *Signal Strength* screen displays a numerical strength (0 to 100) and a meter accompanied by an audible tone to indicate signal strength.

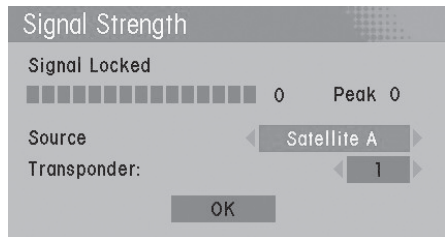
A strong signal is indicated by a high number, large amount of the meter being occupied, and a high-pitched, rapidly beeping tone.

From the *Source* field you can check the signals from each of the satellites you configured on the previous *Dish Setup* screen. (Satellite A: Single; Satellite A, B: Oval 2; Satellite A, B, C: Oval 3)

When you have received the strongest signal from several transponders on each of the satellites, you have completed the setup for digital satellite channels.

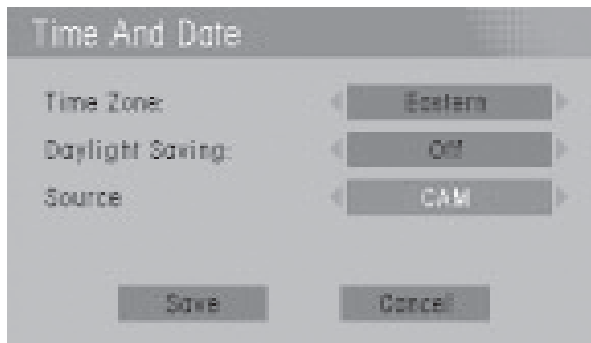
If you are not receiving a strong signal, the position of the dish antenna may require further fine-tuning.

When you are satisfied with the signal strength, highlight **OK** and press **SELECT**.





The Time And Date screen's *Source* field will default to **Satellite**. This means that your receiver will get its time and date settings from the satellite signal. To change these settings, follow the steps below.



- 1** Press ▲ or ▼ to highlight the *Source* field and then press ◀ or ▶ to select **Manual**.
- 2** Press ▲ or ▼ highlight the *Time Zone* field and then press ◀ or ▶ to select your time zone.
- 3** Press ▼ to highlight the *Daylight Saving* field and then press ◀ or ▶ to select **ON** or **OFF**.
- 4** Press ▼ to highlight the *Save* button and then press **SELECT**.

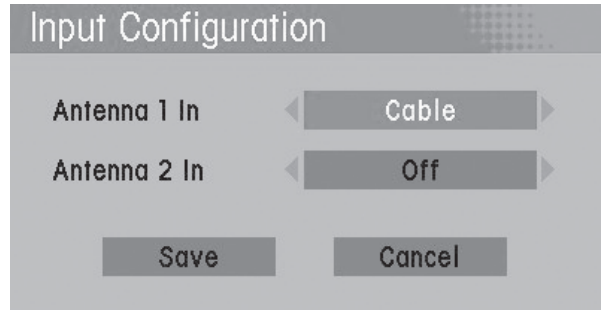
Local Antenna/Cable Only

Configuring your receiver to work with an Antenna and/or Cable service.

Input Configuration Screen

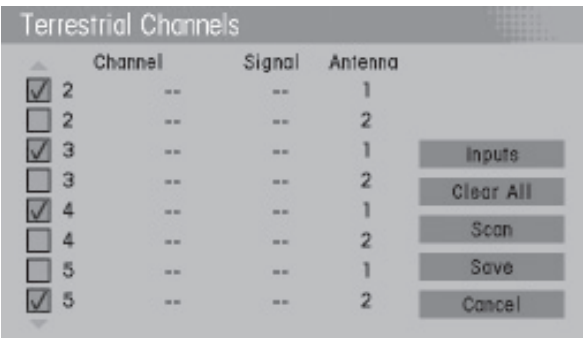
Use the *Input Configuration* screen to configure the source type that is connected to the ANT1 and ANT2 jacks.

- 1 Press ◀ or ▶ to navigate to the appropriate fields.
- 2 Press ◀ or ▶ to select the type of inputs you connected to the DST-3100.
- 3 Press ▲ or ▼ to navigate to the **Save** button and press **SELECT**.



Terrestrial Channels Screen

Now that you have configured the inputs, the *Terrestrial Channels* screen allows you to select the available channels for your input source.



- 1 Press ▲ or ▼ to highlight **Scan** and then press **SELECT**.

The receiver will scan for available channels from the input source(s) that you configured in the Input Configuration screen.

When the scan is complete, the screen will list the channels and which antenna input they are coming from (ANT1 or ANT2).

- 2 Press ◀ to highlight the channel list if you need to manually add or delete channels

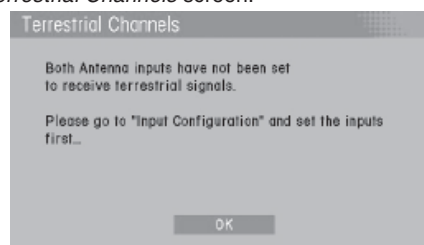
- 3 Press ▲ or ▼ to highlight the desired channel boxes (on the left side of the screen). Press **SELECT** to add the highlighted channel. A blue box with a checkmark indicates the channel has been added.

To remove a selected channel, highlight the desired blue box and press **SELECT**. The checkmark will be removed and the box will be gray.

- 4 After you have selected all desired channels, press ▲ or ▼ to highlight **Save** and then press **SELECT**.

Notes

- If you have not configured any inputs, the message below will be displayed. To configure the inputs, select **Inputs** on the *Terrestrial Channels* screen.





Time And Date Settings Screen

You must set the correct time and date so the DST-3100 receives the correct programming information. Use the Time And Date screen to set your time zone and whether or not you observe Daylight Savings Time.

Time And Date

Time Zone: ◀ Central ▶

Daylight Saving: ◀ Off ▶

Date (MM/DD/YY) 1 1 / 2 3 / 0 0

Time (HH/MM) 1 0 : 0 0 PM

Save Cancel

- 1 Press ▲ or ▼ to highlight the *Time Zone* field and then press ◀ or ▶ to select your time zone.
- 2 Press ▼ to highlight the *Daylight Savings* field and then press ◀ or ▶ to select **ON** or **OFF**.
- 3 Press ▼ to highlight the *Date* field and use the numbered buttons on the remote control to enter the date in MM/DD/YY format.
- 4 Press ▼ to highlight the *Time* field and use the numbered buttons on the remote control to enter the current time in HH/MM format.
- 5 Press ▼ to highlight the *Save* button and then press **SELECT**.

Installation Complete

Your receiver is now configured.

Installation Screen

The installation and testing of the satellite dish antenna and/or terrestrial inputs is now complete.

The Installation screen displays a summary of all the information and settings you have configured.

You are ready to enjoy your system!

Types of Programming

This section explains the different types of programming available based on system connections and DIRECTV® Programming subscription.

With a satellite dish connected:

TYPE OF PROGRAMMING

DIRECTV programming

Local channels from DIRECTV

Digital (ATSC) channels

Analog (NTSC) channels

GUIDE INFORMATION

Network logo; channel numbers 100 to 9999

Network logo or call letters; traditional channel numbers

Single- or double-digit channel number followed by hyphen and sub-channel number; program name and description if channel is supported in local ZIP code area

Network logo or call letters; traditional single- or double-digit channel numbers; program name and description if channel is supported in local ZIP code area

With a terrestrial antenna or cable connected (no satellite dish):

TYPE OF PROGRAMMING

Digital (ATSC) channels

Analog (NTSC) channels

GUIDE INFORMATION

Single- or double-digit channel number followed by hyphen and sub-channel number; program name and description if channel is supported in local ZIP code area; or program name will say *Regular Schedule*

Network logo or call letters; traditional single- or double-digit channel numbers; program name will say *Regular Schedule*

ADVANCED **PROGRAM GUIDE™**

Customizing the guides of your receiver.

- Program Guide
- Advanced Grid Guide
- Basic Grid Guide
- Surf Guide
- Banner Guide
- General Guide Features
- Purchase Screen

ADVANCED PROGRAM GUIDE™

Your DST-3100 receiver has the following ADVANCED PROGRAM GUIDE styles to make finding programs easier: *Advanced Grid Guide*, *Basic Grid Guide*, *Surf Guide*, and *Banner Guide*.

Each guide can be customized to display a smaller grouping of channels (customizable in your profile's Guide Channel screen), or you can reduce the displayed listing by specifying a *Filter* (described later in this section).

Note: Most ADVANCED PROGRAM GUIDE features are only available with a satellite connection.

Press **GUIDE** to display the user defined preferred guide, if a preferred guide is not selected the default will be the *Advanced Grid Guide* screen. Use the remote control's navigation arrows (▲ / ▼ / ◀ / ▶) to navigate the guides. Press **ACTION** + ◀ or ▶ to scroll through the guide entries one page at a time. Press **INFO** while a title is highlighted to display the *Program Details* screen.

Advanced Grid Guide



The *Advanced Grid Guide* displays two hours of programming information and four lines of channel information.

When your desired program is highlighted, press **SELECT** to tune to the channel.

To jump through the listings to a specific channel, directly enter the channel number (using the numbered buttons on your remote control).

Basic Grid Guide



The *Basic Grid Guide* displays two hours of programming information and six lines of channel information.

When your desired program is highlighted, press **SELECT** to tune to the channel.

To jump through the listings to a specific channel, directly enter the channel number (using the numbered buttons on your remote control).

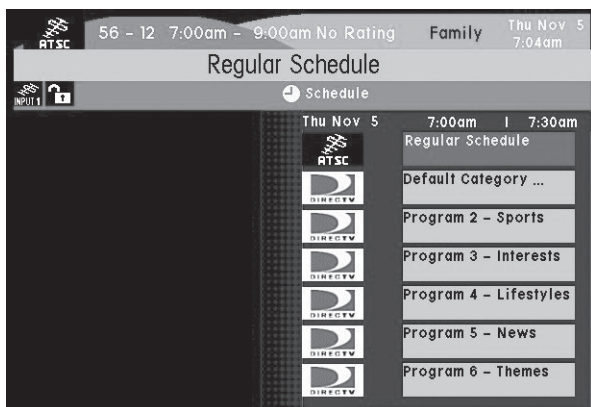
Keys available in the different **ADVANCED PROGRAM GUIDE™** styles:

- **GUIDE:** Cycles through the different guide styles.
- **ACTION + INFO:** Cycles through the different banner styles (off, short, detailed).
- **▲, ▼, ◀, and ▶:** Navigate inside the guide.
- **ACTION + ◀ or ▶:** Scrolls through the guide entries one page at a time.
- **CHANNEL ▲ or ▼:** Scrolls through the guide entries one page at a time.
- **INFO** while highlighting any **program:** Displays the *Program Details screen*.
- **ACTION + JUMP (HOME):** Scrolls to current time slot.
- **SELECT:** Tunes to the highlighted channel.

Note:

If a program is selected in any guide, it must be currently playing in order to tune to that channel. If a program is not currently playing then the desired program will be scheduled for you.

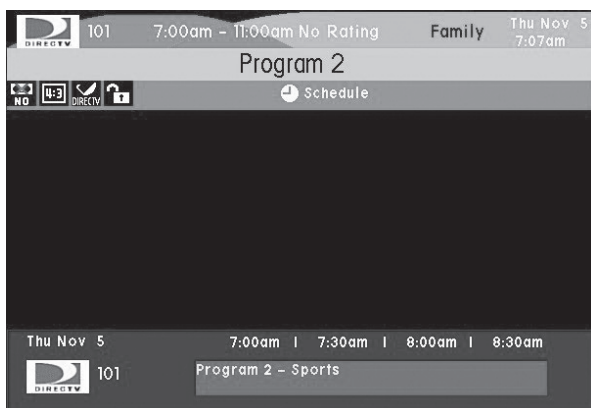
Surf Guide



The *Surf Guide* displays one hour of programming information along the right side of your screen. When first displayed, the *Surf Guide* includes the *Short Information banner*; however, you can use **INFO** to cycle through the different banners or turn it off.

This guide is useful because you can “surf” the guide while still viewing most of the TV program in the background.

Banner Guide



The *Banner Guide* displays two hours of programming information along the bottom of your screen.

This guide is useful because you can view the guide while still viewing most of the TV program.

Pressing the up and down arrows on the remote control while watching television will display the *Banner Guide*, if no other pop-ups are opened.

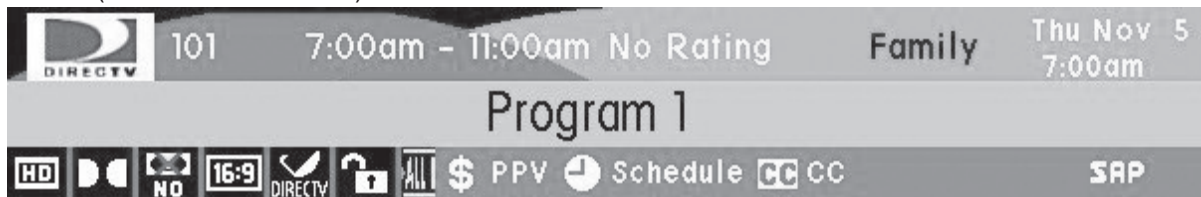
STYLE SECTION TO BE ADDED HERE

ADVANCED PROGRAM GUIDE™ General Features

The various program guides have several common features, as described below.















Channel Banners

When you select a channel while you are watching TV, a *Channel Banner* will display at the top of the screen (see illustration below).



You also can display a channel banner by pressing **SELECT** on the remote control or receiver front panel while tuned to a program.

Program Informational Icons:

- | | | | |
|---|--|---|--|
|  | Video is High-Definition format. |  | Source of video is DIRECTV® Satellite Dish Antenna. |
|  | Audio is Dolby Digital. |  | Source of video is antenna ATSC (replaces channel logo in banner). |
|  | Taping is permitted. |  | Source of video is antenna NTSC (replaces channel logo in banner). |
|  | Taping is not permitted. |  | System is locked. |
|  | Video aspect ratio is 16:9. |  | System is unlocked. |
|  | Video aspect ratio is 4:3. |  | System is temporarily unlocked. |
|  | Video aspect ratio is 4:3 and has been Letterboxed (black bars on top and bottom of screen). |  | The PPV purchase is available for the entire day. |

Filters

The filtering icons (*Movies, Sports, News, and Advanced: Movie/com...*) are found immediately below the guide and allow you to quickly filter the guide by program type. To select a filter, press **JUMP**, highlight the desired filter icon, and then press **SELECT**.

Selecting the **All** icon removes the filters and displays all programming types in the guide.

Available Features Icons:



Pay Per View (PPV). Indicates a Pay Per View program.



Scheduled PPV program. Indicates a Pay Per View program has been scheduled.



Closed Captions enabled and available.



Closed Captions available, but disabled.



New message(s).



Second Audio Program.

Program Details Screen

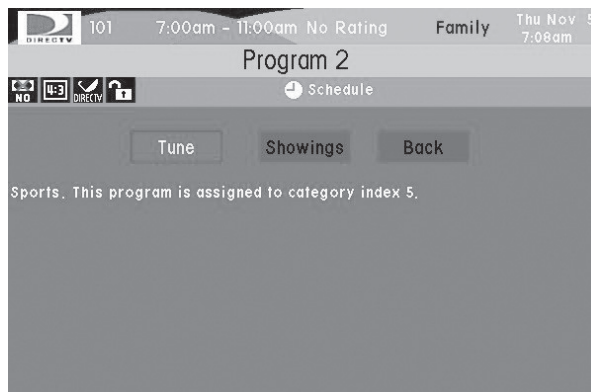
To obtain more information about a particular program while a guide or banner is displayed, highlight the program and press **INFO** to display the *Program Details screen*.

If the program details are more than the screen allows, press **▲** or **▼** to scroll the screen.

Tune: Highlight **Tune** and press **SELECT** to tune to the program. If the program details is for a show in the future a **Schedule** option will be displayed instead of the Tune option and by selecting **Schedule** you will be reminded to watch the program when the show occurs in the future.

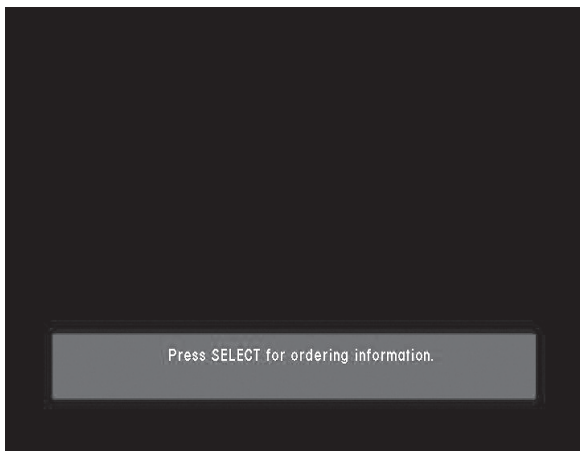
Showings: Highlight **Showings** and press **SELECT** to see a list of additional times for this program.

Back: Highlight **BACK** and press **SELECT** to return to the guide.



ADVANCED PROGRAM GUIDE™ Pay Per View Features

Accessing the Purchase Menu

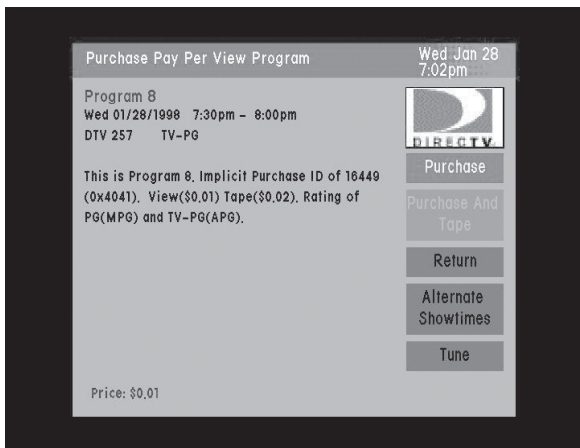


There are two ways to access the Window which will enable the purchasing of a Pay-Per-View (PPV) program.

The first such method is to tune to a PPV channel using the Remote Control. If this method is used the message shown to the left will appear prompting you to press the **SELECT** button on your remote control. Press **SELECT** on your Remote Control to display the Purchase Screen.

The second way to access the purchase screen is to highlight a program in the Guide that has a PPV icon displayed in the channel banner. Press **SELECT** on your Remote Control to display the Purchase Screen.

Purchase Screen



Upon entry to the purchase window several options will be available for you to choose.

Purchase: This option will allow you to immediately start watching the program or a reminder can be set for when it airs. To complete the purchase a confirmation is necessary.

Cancel Purchase: This option will only be available if you re-enter the purchase screen from the Guide. This will replace the **Purchase** option, and is only available for programs occurring in the future.

Purchase and Taping: This allows the use of a VCR to tape the program to be purchased. Not all PPV programs have this option, and if they do it will cost more than just viewing the program.

Return: This option will return you to the screen you were at prior to entering the purchase screen.

Alternate Showings: This provides different times and channels that the program will be aired in the future.

Tune: This will tune to the channel. If the program was already purchased or is free then audio and video will be seen. If the program has not been purchased or is not free then the screen at the top of the page will be displayed.

The Purchase Screen provides a large amount of useful information about the program such as:

- The Program Title
- The Cost of viewing and the price for viewing and taping (if applicable)
- Television or Movie ratings for the program.
- Start time and duration of the selected program.
- A brief description about the program.

Menu System

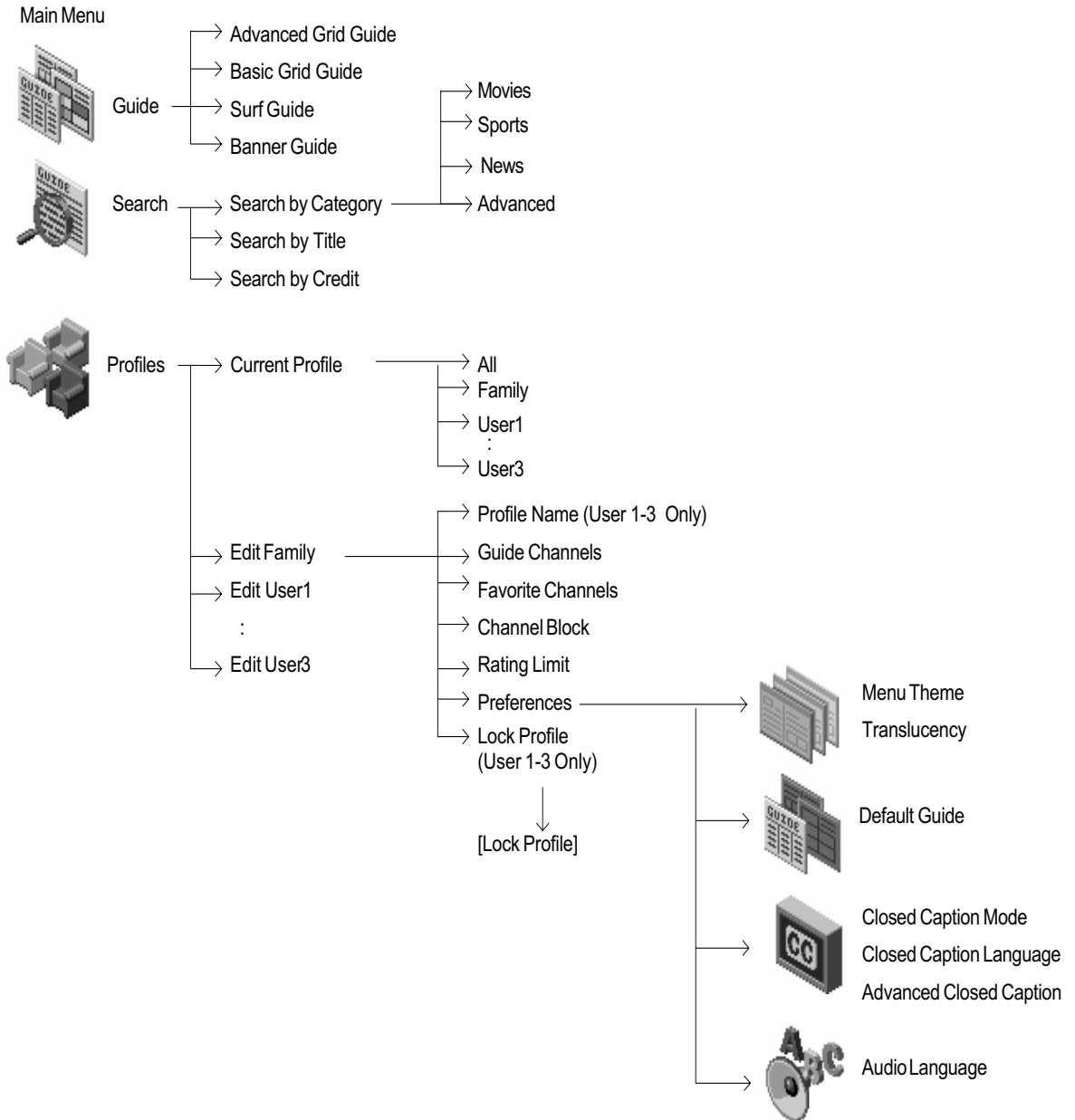
The Menu System puts you in control of the receiver.

- Overview

Overview

From the Main Menu you can access the different guide styles, search for programs, customize your profile, schedule events, read DIRECTV messages, lock and unlock your system, and more.

Menu Tree



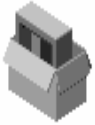
Main Menu



- Purchases
 - Future Purchases
 - Past Purchases
 - Spending Limit



- Scheduling
 - View Event List
 - Schedule New Events



- Setup
 - Installation
 - PIN Lock (or PIN Unlock)
 - A/V Preferences
 - Caller ID
 - Messages
 - Online Manual
 - Remote Control



First Setup



Satellite

- Dish Setup
- Local Markets
- Signal Strength



Terrestrial

- Input Configuration
- Channel Add/Delete
- Signal Meter

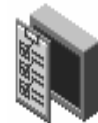


Time and Date



Upgrade

- Software Upgrade
- New Access Card
- Conditional Access Menu



System Status

- System Information
- System Test

Search Menu

The DST-3100 offers a multitude of search options available to you.

- Search Window
- Search by Title
- Search by Credits
- Search by Categories

Search Options

There are three main categories to use in your program search.

Main Search Window

- 1** Press **MENU**.
 MENU The Main Menu appears.



- 2** Press ◀ or ▶ to navigate to the **Search** icon.



- 3** Press ▼ to highlight the search that you would like to perform.

Press ▶ then ▼ to highlight the Menu item (listed below) for the setting you want to change, and then press **SELECT**.

Search Credits

Movies

News

Sports

Advanced

Search Titles

Search Credits

Actors

Awards

Date

Directors

Keyword

Roles

Writer

- 4** Highlight the Search you want to perform, and press **SELECT**. For a more detailed search criteria select the **Advanced** search options under **Search Categories**.

Refer to the next few pages for more information about each search option.

- 5** Repeat steps 3 and 4 to change your search method.

- 6** Once you have completed your search you may select the desired to program to view or set a schedule reminder to watch the program in the future.

■ To return to the previous display, press **BACK**.




Search by Title



In the Search Titles screen you can search by the program title through all the programs being aired for your favorite one.

The search results are continuously updated after each letter or number is selected. The results are displayed in alphabetical order by the programs title, and any title that has the series of letters and numbers that you selected will be displayed.

- 1 Press **MENU**.
 The Main Menu appears.

- 2 Press **◀** or **▶** to highlight the **Search** icon.



- 3 Press **▼** to highlight **Search Title**.

- 4 Press **◀/▶/▲/▼** to highlight the letter or number you want to perform a search on. Press **SELECT**.

- 5 Once in the Search window continue to press **◀/▶/▲/▼** to highlight the letter or number you want to add to the search. Press **SELECT**.

- 6 After you have made all of your selections, Press **▶** to scroll through the list of remaining program titles.

- 7 Highlight the program you want. Press **SELECT**, this will display all the times and all the channels that this program is scheduled to air.

- 8 Select the desired program you want to watch. Press **SELECT**, this will either tune to the channel or schedule of the desired program if it is not currently airing.



Search Credits

This is one of the search method to use in your program search.

Search by Credits



In the **Search Credits** screen you can search by first or last name for your favorite stars or directors.

Like the **Search Titles** window the search results are continuously updated after each letter or number is selected. The results are displayed in alphabetical order with the beginning of the last name, and any name that has the series of letters and numbers that you selected will be displayed.

1 Press **MENU**.

MENU The Main Menu appears.



2 Press ◀ or ▶ to highlight the **Search** icon.



3 Press ▼ to highlight **Search Credits**.

4 Press ▶ then ▼ to highlight which credit you wish to Search. Press **SELECT**.

5 Press ◀/▶/▲/▼ to highlight the letter or number you want to perform a search on. Press **SELECT**.

6 Continue to press ◀/▶/▲/▼ to highlight the letter or number you want to add to the search. Press **SELECT**.

7 After you have made all of your selections, Press ▶ to scroll through the list of remaining names.

8 Highlight the name you want. Press **SELECT**, this will display all programs that have this individual/award in the credits.


9 Select the program you want to watch. Press **SELECT**, this will either tune to the channel or schedule the desired program if it is not current airing.

Search by Categories



In the **Search Categories** screen you can search by for your desired program by selecting the category which best fits the genre of the program.

The search results are continuously updated after each letter or number is selected. The results are displayed in alphabetical order by the programs title, and any title that has the series of letters and numbers that you selected will be displayed.

1 Press **MENU**.
 The Main Menu appears.

2 Press **◀** or **▶** to highlight the **Search** icon.



3 Press **▼** to highlight **Search Categories**.

4 Press **▶** then **▼** to highlight which category you wish to Search. Press **SELECT**. If **Advanced** is selected Press **◀/▶/▲/▼** to highlight the specific category you desire to search. An example of the Advanced search window is located to the right.

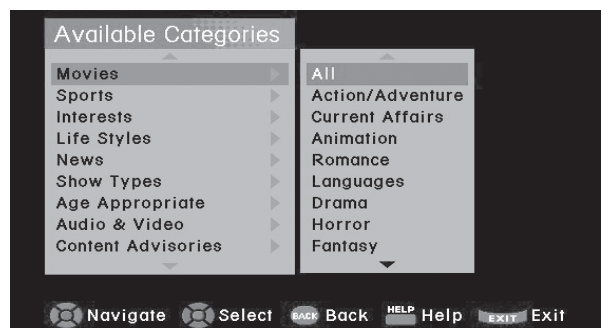
5 Press **◀/▶/▲/▼** to highlight the letter or number you want to perform a search on. Press **SELECT**.

6 Once in the Search window continue to press **◀/▶/▲/▼** to highlight the letter or number you want to add to the search. Press **SELECT**.

7 After you have made all your selections, Press **▶** to scroll through the list of remaining program titles.

8 Highlight that program you want. Press **SELECT**, this will display all the times and all the channels that this program is scheduled to air.

9 Select the desired program you want to watch. Press **SELECT**, this will either tune to the channel or schedule the desired program if it is not current airing.



Profile Setup

You can create a customized profile so that many system settings are just the way you like them!

- Customizing Profile Settings

Customizing Profile Settings

You can change the default profile to customize “look” and “feel” of your receiver.

Edit User Profiles Selection

- 1** Press **MENU**.
 MENU The Main Menu appears.



- 2** Press ◀ or ▶ to navigate to the **Profiles Menu** icon.



- 3** Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.

Press ▶ then ▼ to highlight the Menu item (listed below) for the setting you want to change, and then press **SELECT**.

Edit Guide Channels

Favorite Channels Setup

Channel Block

Rating Limits

Lock/Unlock Profile
 (not available for Family Profile)

Preferences

Menu Theme/Translucency

Default Guide

Closed Caption (CC)

Audio Language

(See next page for menu descriptions)

- 4** Change the setting.
 For more detailed instructions on how to change the setting, refer to the next page for a list of settings and their corresponding page numbers.

- 5** Repeat steps 3 and 4 to change other settings.

- 6** Press **EXIT**.
 The on-screen display disappears.

■ To return to the previous display, press **BACK**.



Notes

- The default profile is Family. To change the default profile, select the Default Profile menu item and choose another profile.
- The only profile that cannot be edited is the ALL profile. Select this profile when you want to see all available programming (no customizations). If a channel has been blocked in the Family profile, you will still receive a password challenge.

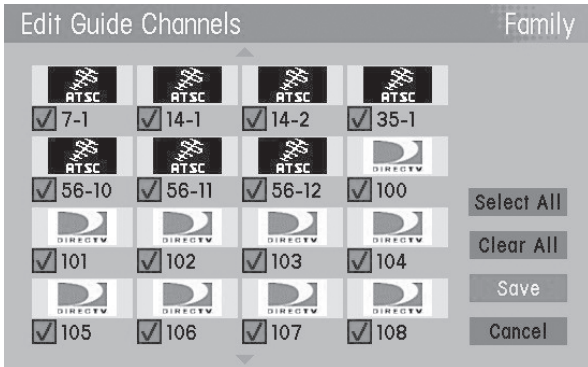
| Setting | Details | Page |
|-------------------------|--|------|
| Edit Guide Channels | Select channels you want to appear in your profile's Guide. | 52 |
| Favorite Channels Setup | Select 16 of your favorite channels for quick selection using your remote. | 53 |
| Channel Block | Select channels to block from being viewed by your profile. | 54 |
| Rating Limits | Set limits on viewing specific types of programming in your profile. | 55 |
| Lock/Unlock Profile | Use a password to lock or unlock your profile. | 57 |

Preferences sub-menu

| | | |
|---------------------|---|----|
| Menu Theme | Select a color scheme for your profile's Menu System. | 58 |
| Translucency | Select the level of translucency for your profile's Menu System. | 58 |
| Default Guide | Select the default guide that will be displayed for your profile when GUIDE is pressed. | 59 |
| Audio Language | Select a preferred language for program audio. | 59 |
| Closed Caption (CC) | Set closed caption options. | 60 |


Customizing Profile Settings (continued)

Edit Guide Channels



The Edit Guide Channels screen allows you to limit the hundreds of available channels to a smaller group that better suits your personal needs. This screen can contain as many or as few channels as you prefer.

By editing the Guide Channels you not only alter the programs listed in the Guide, but also limit the channels you can access. You can not tune to a channel that is not selected in the Edit Guide Channels screen.

- 1** Press **MENU**.
 The Main Menu appears.

- 2** Press **◀** or **▶** to navigate to the **Profiles Menu** icon.



- 3** Press **▼** to highlight **Edit Family** or **Edit User (1-3)**.

Press **▶**, then press **▼** to highlight **Edit Guide Channels**. Press **SELECT**.

- 4** Press **◀/▶/▲/▼** to highlight the box for the channel you wish to add/remove.

- 5** Press **SELECT** to add or remove the selection (a check mark indicates an added channel).

- 6** After you have made all of your selections, highlight **Save** and press **SELECT**.

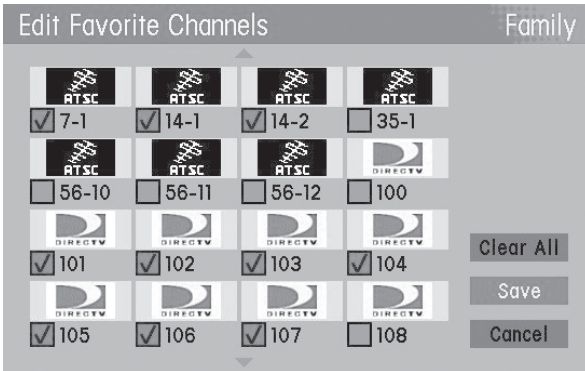
- 7** Press **EXIT**.
 The on-screen display disappears.

- To add all channels, highlight **Select All** and press **SELECT**.
- To clear all selected channels, highlight **Clear All** and press **SELECT**.


Notes

- If you **EXIT** or **Cancel** out of the screen **without selecting save first, your selections will not be saved.**
- Remember: When the system is locked, you will need the password to modify settings.

Favorite Channels Setup



Once changes to the Edit Favorite Channels have been saved and you have exited all the menus a favorite channel selector screen is available. The 16 channels that you programmed as your favorite channels can be accessed quickly by pressing **ACTION** and then **FAV**.

- 1 Press **MENU**.
 The Main Menu appears.

- 2 Press **◀** or **▶** to highlight the **Profiles Menu** icon.



- 3 Press **▼** to highlight **Edit Family** or **Edit User (1-3)**.

Press **▶** then **▼** to highlight Favorite Channels. Press **SELECT**.

- 4 Press **▲** or **▼** to highlight **Edit**, and then press **SELECT**.

- 5 Press **◀/▶/▲/▼** to highlight the box for the channel you wish to add/remove.

- 6 Press **SELECT** to add or remove the selection (a check mark indicates an added channel).

- 7 After you have made all your selections, highlight **Save** and press **SELECT**.

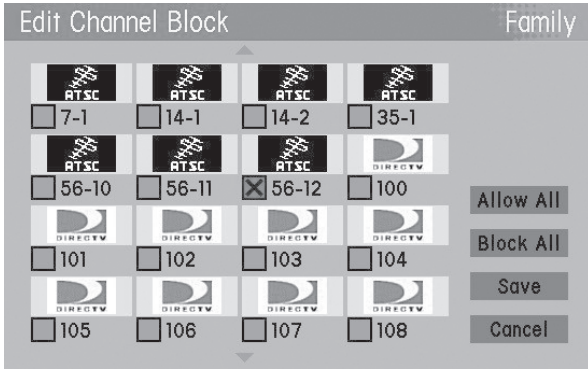
- 8 Press **EXIT**.
The on-screen display disappears.

Notes



- **If you EXIT or Cancel out of the screen without selecting Save first, your selections will not be saved.**
- **Remember: When the system is locked, you will need the password to modify settings.**

Customizing Profile Settings (continued)

Channel Block



The Edit Channel Block screen allows you to block selected channels from being viewed.

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press **◀** or **▶** to highlight the **Profiles Menu** icon.

- 3** Press **▼** to highlight **Edit Family** or **Edit User (1-3)**.
 Press **▶** then **▼** to highlight **Channel Block**. Press **SELECT**.
- 4** Press **◀/▶/▲/▼** to highlight the box for the channel you wish to block.
- 5** Press **SELECT** to block or unblock the selected channel (an X indicates a blocked channel).

- 6** After you have made all your selections, highlight the **Save** button and press **SELECT**.
- 7** Press **EXIT**.
 The on-screen display disappears.

- To allow all channels, highlight the **Allow All** button and press **SELECT**.
- To block all channels, highlight the **Block All** button and press **SELECT**.

Notes

- *The Channel Block is in effect only when the DST-3100 receiver is locked.*
- *If you EXIT or Cancel out of the screen without saving, your selections will not be saved.*
- *Remember: When the system is locked, you will need the password to modify settings.*


Rating Limits


Edit Rating Family

| TV (V-CHIP) | F | V | D | L | S | V | Movies |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> TV-Y | . | . | . | . | . | . | <input checked="" type="checkbox"/> G |
| <input checked="" type="checkbox"/> TV-Y7 | <input checked="" type="checkbox"/> | . | . | . | . | . | <input checked="" type="checkbox"/> PG |
| <input checked="" type="checkbox"/> TV-G | . | . | . | . | . | . | <input checked="" type="checkbox"/> PG-13 |
| <input checked="" type="checkbox"/> TV-PG | . | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> R |
| <input checked="" type="checkbox"/> TV-14 | . | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> NC-17 |
| <input checked="" type="checkbox"/> TV-MA | . | . | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> X |
| <input checked="" type="checkbox"/> "None" Rated or "No Rating" | | | | | | | |

The Edit Rating screen allows you to set limits on viewing specific types of programming.

See the next page for a description of rating limits.

1 Press **MENU**.
 MENU
 The Main Menu appears.

2 Press **◀** or **▶** to highlight the **Profiles Menu** icon.


3 Press **▼** to highlight **Edit Family** or **Edit User (1-3)**.
 Press **▶** then **▼** to highlight **Rating Limits**. Press **SELECT**.

4 Press **◀/▶/▲/▼** to highlight the rating you wish to block.

5 Press **SELECT** to block or unblock the selected rating (an X indicates a blocked rating).

6 After you have made all your selections, highlight **Save** and press **SELECT**.

7 Press **EXIT**.
 The on-screen display disappears.

- To help set appropriate ratings for children and youth, the *Edit Rating* screen contains **Children** and **Youth** buttons. Use these buttons to automatically set acceptable rating limits.

Notes

- **The Rating Limits are in effect only when the DST-3100 receiver is locked.**
- **If you EXIT or Cancel out of the screen without saving, your selections will not be saved.**
- **Remember: When the system is locked, the password will be needed to modify the settings.**

Customizing Profile Settings (continued)

Rating Limits (continued)

TV Ratings:

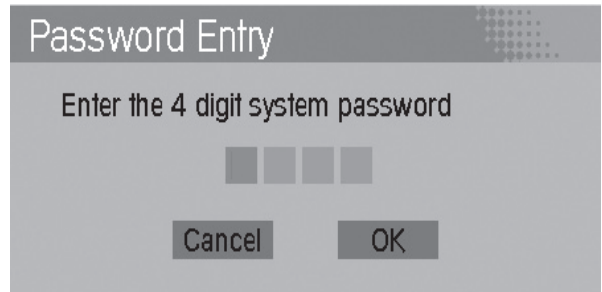
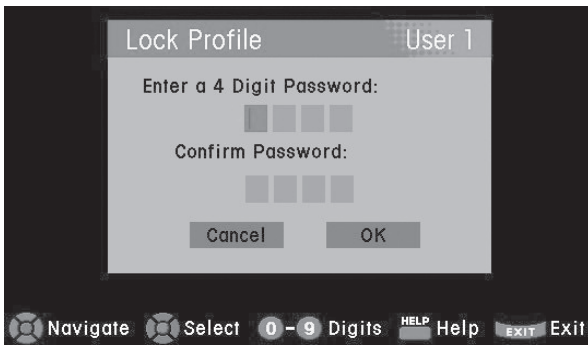
| | |
|---|---|
| TV-MA Mature Audience Only. | <ul style="list-style-type: none"> ■ Designed to be viewed by adults and may be unsuitable for children under 17. ■ Crude, indecent language (L), explicit sexual activity (S), or graphic violence (V). |
| TV-14 Parents Strongly Cautioned. | <ul style="list-style-type: none"> ■ Designed to be viewed by adults and children over 14. ■ Intensely suggestive dialogue (D), strong, coarse language (L), intense sexual situations (S), or intense violence (V). |
| TV-PG Parental Guidance Suggested. | <ul style="list-style-type: none"> ■ Designed to be viewed by adults and older children. ■ Some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V). |
| TV-G General Audience. | <ul style="list-style-type: none"> ■ Designed to be viewed by all ages. ■ Little or no sexual dialogue (D), no strong language (L) or sexual situations (S), and little or no violence (V). |
| TV-Y7 | <ul style="list-style-type: none"> ■ Designed to be viewed by children 7 years and older. ■ Mild fantasy violence (FV) or comedic violence that may frighten younger children |
| TV-Y All Children | <ul style="list-style-type: none"> ■ Designed to be viewed by a young audience, including children from ages 2–6. Not expected to frighten younger children. |

Source: The TV Parental Guidelines Monitoring Board



Movie Ratings:

- G:** General audiences. All ages admitted.
- PG:** Parental guidance suggested. Some material may not be suitable for children.
- PG-13:** Parents strongly cautioned. Some material may be inappropriate for children under 13.
- R:** Restricted. Under 17 requires accompanying parent or adult guardian.
- NC-17:** No one 17 and under admitted.
- X:** Adults Only.



Lock/Unlock Profile



Locking Procedure

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.

- 3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Lock**. Press **SELECT**.
- 4 Use the remote control's numbered buttons to enter a four-digit password of your choosing.
- 5 Reenter the password.
- 6 Highlight and select **OK** to proceed or **Cancel** to cancel the locking process.

Unlocking Procedure

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight **Profiles Menu** icon.

- 3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Unlock**. Press **SELECT**.
- 4 Use the remote control's numbered buttons to enter your four-digit password.
- 5 Highlight and select **OK** to proceed or **Cancel** to cancel the unlocking process.

Customizing Profile Settings (continued)

Preferences sub-menus

The *Preferences* option takes you to another level of the Menu System that will give you further control over personal profile settings.




Menu Theme


This menu enables you to select a color scheme for the on-screen guides and menus.

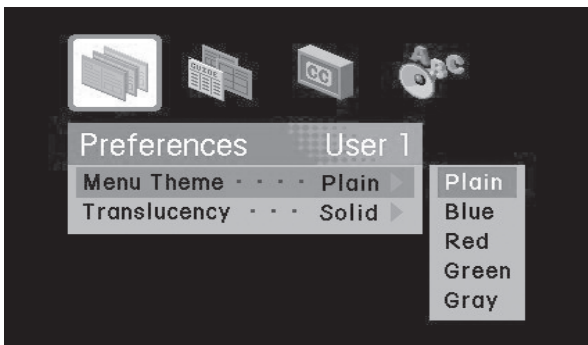


Translucency

This menu allows you to determine the level of translucency of the on-screen guides and menus.

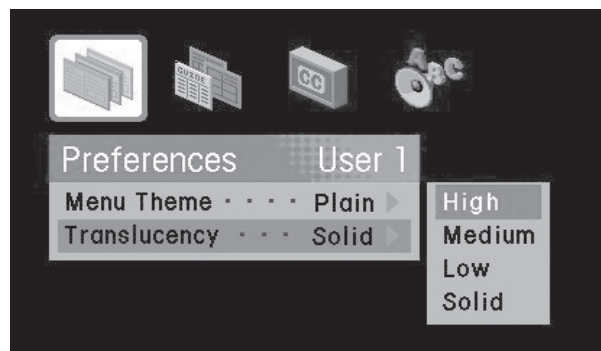
- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.
- 3 Press ▼ to highlight **Edit Family** or **Edit User (1–3)**.
 Press ▶ then ▼ to highlight **Preferences**. Press **SELECT**.
- 4 Press ▼ to highlight **Menu Theme**, then press ▶ to display the themes sub-menu.
- 5 Press ▼ to highlight the desired theme color.

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.
- 3 Press ▼ to highlight **Edit Family** or **Edit User (1–3)**.
 Press ▶ then ▼ to highlight **Preferences**. Press **SELECT**.
- 4 Press ▼ to highlight **Translucency**, then press ▶ to display the sub-menu.
- 5 Press ▼ to highlight the desired level of translucency, as described below.



Levels of Translucency:

- High: Easy to see through.
- Medium: Somewhat difficult to see through.
- Low: Hard to see through.
- Solid: Can not be seen through





Default Guide

This menu allows you to set the default guide for your profile. The default guide appears when you press GUIDE on the remote control.



Audio Language

This menu allows you to set the audio language you will hear while watching a program. If the program offers different languages.


1 Press **MENU**.
 The Main Menu appears.

2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.

3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Preferences**.
 Press **SELECT**.

4 Press ▶ and ▼ to navigate to the **Default Guide**, then press ▶ to display the sub-menu.

5 Press ▼ to highlight the desired guide.

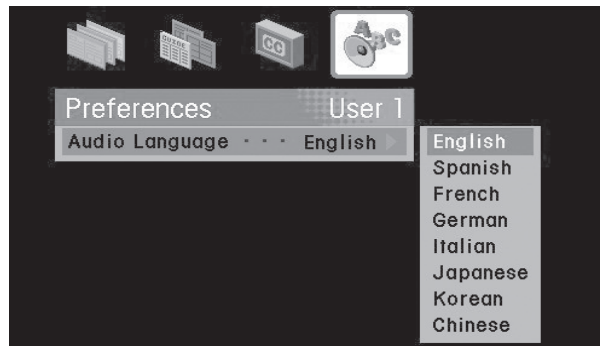
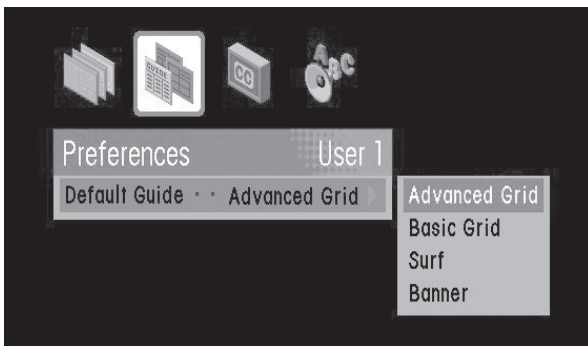
1 Press **MENU**.
 The Main Menu appears.

2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.

3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Preferences**.
 Press **SELECT**.

4 Press ▶ and ▼ to navigate to **Audio Language**, then press ▶ to display the sub-menu.

5 Press ▼ to highlight the desired audio language.



Customizing Profile Settings (continued)

Preferences sub-menus (continued)




Closed Caption
This menu contains menu options for controlling Closed Captions.


Closed Caption Mode

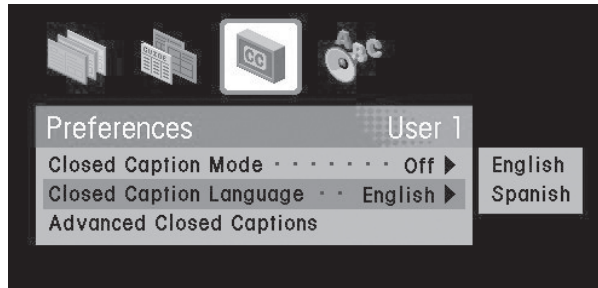
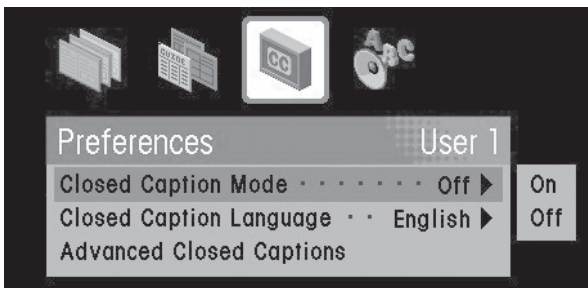
This option turns closed captions on or off.

Closed Caption Language

This option allows you to select whether the closed captions will be displayed in English or Spanish (if available).


- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.
- 3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Preferences**. Press **SELECT**.
- 4 Press ▼ to highlight **Closed Caption Mode**, then press ▶ to display the mode sub-menu.
- 5 Press ▼ to highlight **On** or **Off**.

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press ◀ or ▶ to highlight the **Profiles Menu** icon.
- 3 Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Preferences**. Press **SELECT**.
- 4 Press ▼ to navigate to **Closed Caption Language**, then press ▶ to display the language sub-menu.
- 5 Press ▼ to highlight **English** or **Spanish**.

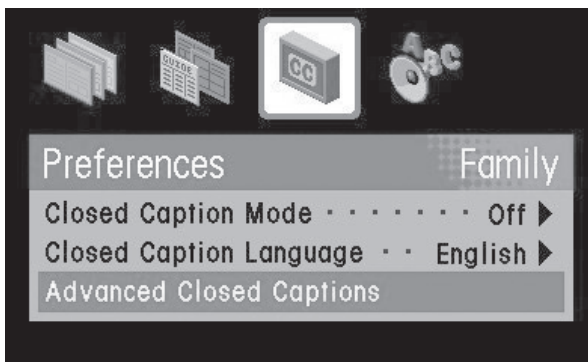


Advanced Closed Captions

This option gives you control over the look and feel of the closed caption text for digital terrestrial channels.

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press ◀ or ▶ to navigate to the **Profiles Menu** icon.
- 3** Press ▼ to highlight **Edit Family** or **Edit User (1-3)**.
 Press ▶ then ▼ to highlight **Preferences**. Press **SELECT**.
- 4** Press ▼ to highlight **Advanced Closed Captions**, then press **SELECT**.
 The Advanced Closed Captions screen appears.

- 5** Press ▲ or ▼ to highlight the desired option.
- 6** Press ◀ or ▶ to change the settings.
 Repeat steps 5 and 6 until all desired settings are made.
- 7** Press ▲ or ▼ to highlight **Save** and press **SELECT**.



Scheduling

- **Scheduling an Event**
- **Editing a Scheduled Event**
- **View Events List**
- **Event Reminders**

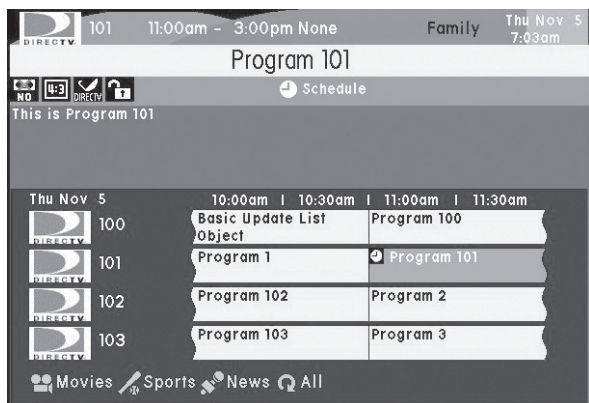
Scheduling an Event

Scheduling events is a great feature that allows you to be reminded when a program you want to watch is on. There are several different ways to schedule an event.

Ways To Schedule an Event

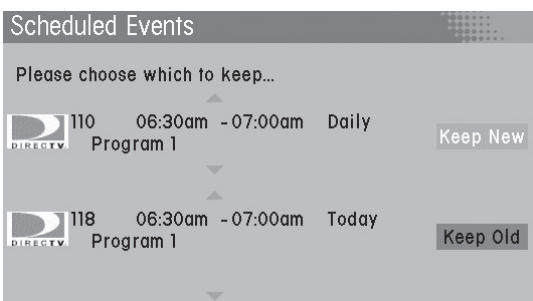
From the Guide (*no event conflict*):

- 1 Press ◀/▶/▲/▼ to highlight a desired future event. Press **SELECT**.
- 2 If there is *not* a conflict, the event will be scheduled and a clock icon will appear in the Guide next to the event.



From the Guide (*event conflict*):

- 1 Press ◀/▶/▲/▼ to navigate to a desired future event. Press **SELECT**.
- 2 If there *is* a conflict, the following message will appear.



- 3 Press ◀/▶/▲/▼ to highlight the desired choice. Press **SELECT**.
A clock icon will appear in the Guide next to the event you just scheduled.

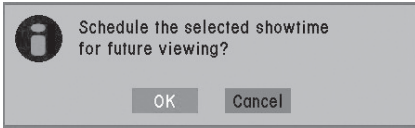
From Search (no event conflict):

1 Perform a search (see Search section of this manual for detailed instructions). Press ▲ or ▼ to navigate to the desired event. Press **SELECT**.

The Showtimes screen appears

2 Press ▲ or ▼ to navigate to the desired future event time. Press **SELECT**.

3 If there is *not* a conflict the following message will appear confirming the scheduled event.



4 Press ◀ or ▶ to navigate to the OK button and press **SELECT**.

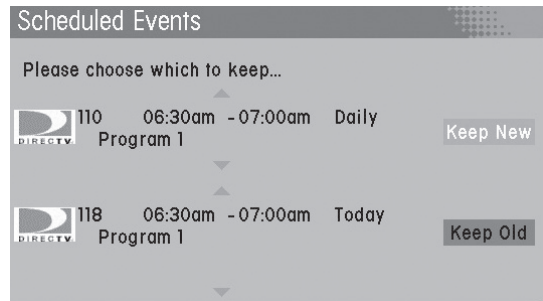
From Search (event conflict):

1 Perform a search (see Search section of this manual for detailed instructions). Press ▲ or ▼ to navigate to the desired event. Press **SELECT**.

The Showtimes screen appears

2 Press ◀/▶/▲/▼ to navigate to the desired future event time. Press **SELECT**.

3 If there *is* a conflict the following screen will appear.




4 Press ◀/▶/▲/▼ to navigate to the desired choice. Press **SELECT**.

Scheduling an Event (continued)

Ways To Schedule an Event (continued)

Manually from the Main Menu:

1 Press **MENU**.
 The Main Menu appears.

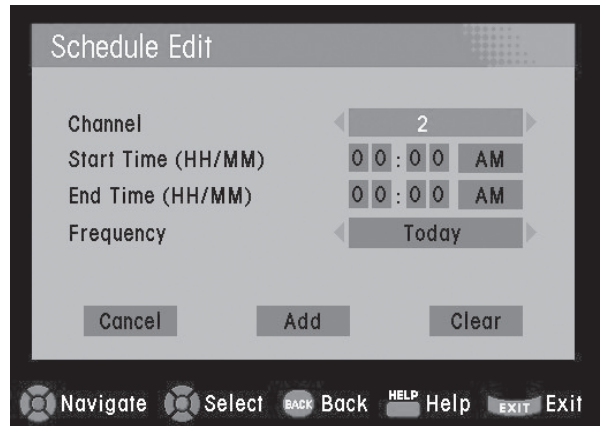
2 Press ◀ or ▶ to highlight the **Schedule Menu** icon.



3 Press ▼ to highlight **Schedule New Events** and press **SELECT**.
 The Schedule Edit screen appears. (shown left)

4 Press ◀/▶/▲/▼ to navigate to the fields and enter the appropriate event information.

5 To save the new event, navigate to **Add** and press **SELECT**.



- The Frequency field can be used to schedule the event on a recurring basis.
- When entering the channel number, you can use either ◀ or ▶ to scroll through the channels or use the numbered buttons on your remote control to directly enter the desired channel number.

Editing a Previously Scheduled Event

1 Press **MENU**.
MENU The Main Menu appears.

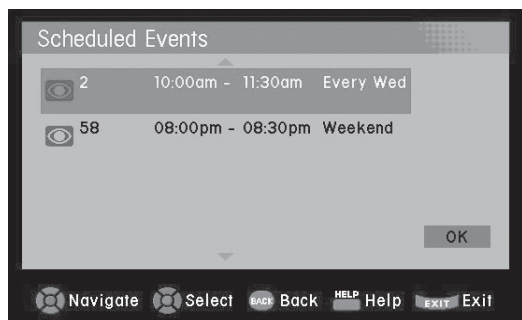


2 Press ◀ or ▶ to highlight the **Schedule Menu** icon.



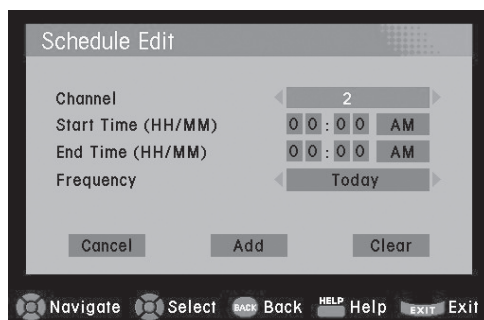
3 Press ▼ to highlight **View Event List** and press **SELECT**.

The View Event List screen appears.



4 Press ▲ or ▼ to highlight the event you want to change. Press **SELECT**.

The Schedule Edit screen appears.



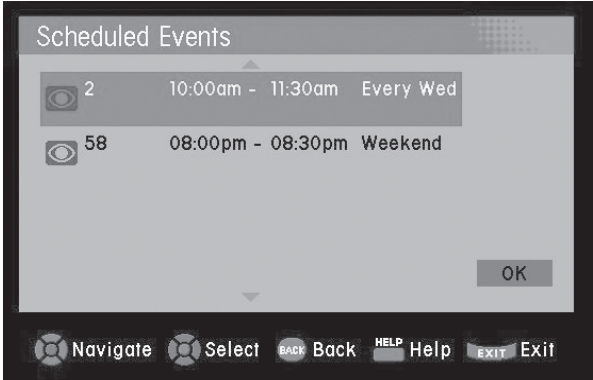
5 Press ◀/▶/▲/▼ to navigate to the fields and enter the appropriate event information.

6 To save the new event, highlight **Save** and press **SELECT**.




- Pay Per View events and mandatory updates cannot be deleted.
- The Frequency field can be used to schedule the event on a recurring basis.
- When entering the channel number, you can use either ◀ or ▶ to scroll through the channels or use the numbered buttons on your remote control to directly enter the desired channel number.

Viewing Scheduled Programs

View Event List

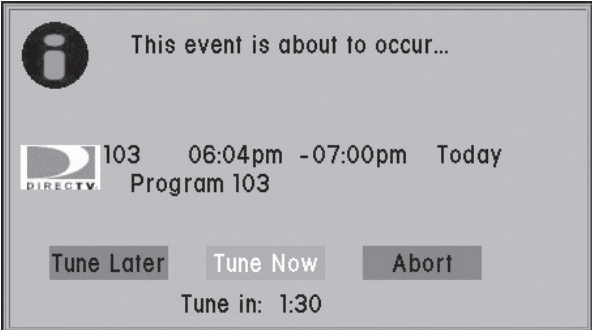


The *View Event List* option displays four scheduled events at one time.

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press **◀** or **▶** to highlight to the **Scheduling Menu** icon.

- 3** Press **▼** to highlight **View Event List** and press **SELECT**.
 The View Event List screen appears.

- If four or fewer events are scheduled, use ▲ or ▼ to scroll the list.
- If more than four events are scheduled, use ▲ or ▼ to scroll the page.
- A small arrow at the top or bottom of the event list indicates that there are additional events scheduled.

System Messages



After you have scheduled an event and the event is due to start within two minutes, the system will display a message (shown above) reminding you of your scheduled event.

This message, which will be displayed for two minutes, gives you the following options:

- Tune Later:** Closes the reminder and tunes to the event when it starts.
- Tune Now:** Tunes to the event now.
- Abort:** Closes the reminder, does not remind you again, and cancels the event.

If you do not select any of the above options, the system will tune to the event at the end of the two minutes.

If your receiver is off when the event is due, the receiver will turn on and tune to the event. At the conclusion of the event, the receiver will then turn off.

Purchase History

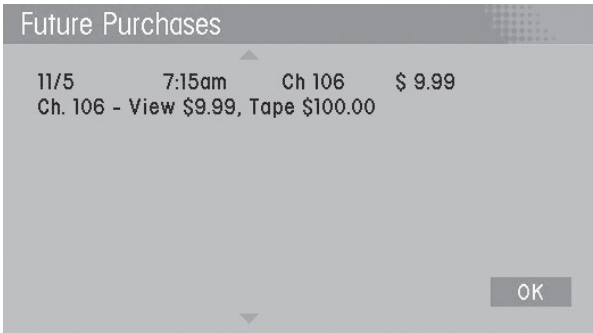
Pay Per View (PPV) access enables you to purchase special, limited-broadcast programs.

- Future Purchases
- Past Purchases
- Spending Limit

Purchases Menu

Use the Purchases Menu to control your Pay Per View options.

Future Purchases





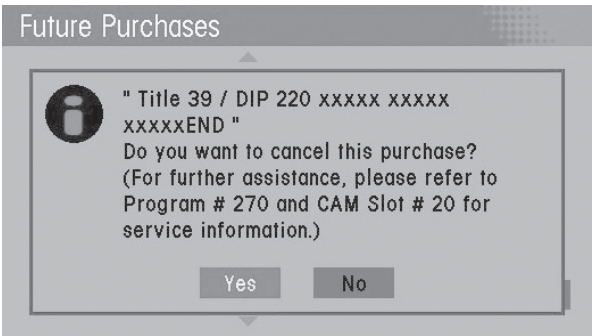
The **Future Purchases** option displays advance purchase Pay Per View events.

For each purchase, the event channel, title, start date and time, and cost are listed.

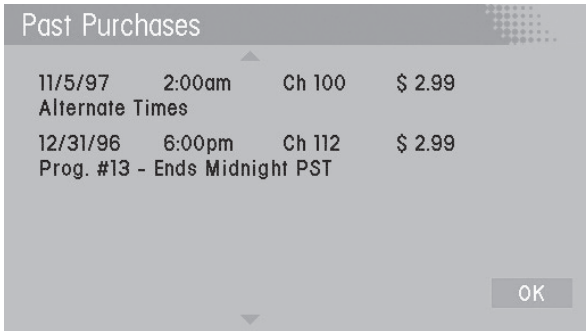
If there are more events than can fit on the screen, navigate into the list and use **▲** or **▼** to scroll and view them.

Viewing The Advanced Purchase PPV List

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press **◀** or **▶** to highlight the **Purchases Menu** icon.

- 3** Press **▼** to highlight **Future Purchases** and press **SELECT**.
- 4** Repeat steps 1–3 above.
- 5** Press **◀ / ▶ / ▲ / ▼** to highlight the event you want to cancel. Press **SELECT**.
- 6** A cancel message (shown right) appears. Press **◀** or **▶** to highlight **Yes** to cancel the event or **No** to keep the event.

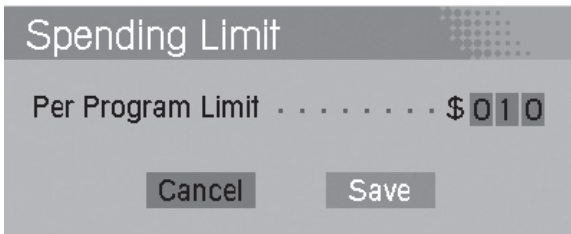


Past Purchases



The **Past Purchases** option displays Pay Per View events you have already viewed.

Spending Limit



The **Spending Limit** option allows you to set the maximum purchase price on a per-event basis. The maximum allowed for a single event is \$655.

1 Press **MENU**.
 The Main Menu appears.

2 Press ◀ or ▶ to highlight the **Purchases Menu** icon.



3 Press ▼ to highlight **Spending Limit** and press **SELECT**.

4 Use the numbered buttons on your remote control to enter a dollar amount.

5 Press ◀ or ▶ to highlight **Save** and press **SELECT**.

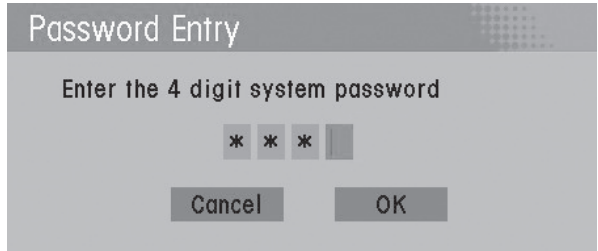
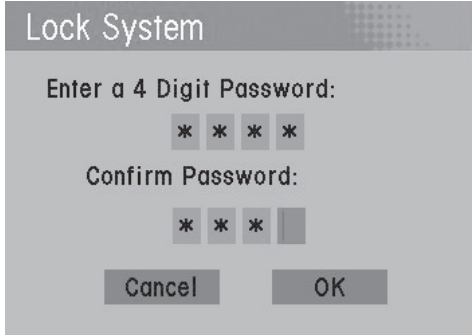
Additional Features

- Password Management
- Audio/Video
- Caller ID
- Messages
- Help
- Remote Control RF Settings



Password Management

Use the following steps to lock and unlock your HD receiver's menu system.



PIN Lock/Unlock



Locking Procedure

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press ◀ or ▶ to highlight the **Setup Menu** icon.

- 3** Press ▼ to highlight **PIN Lock**.
- 4** Use the remote control's numbered buttons to enter a four-digit password of your choosing.
- 5** Reenter the password.
- 6** Highlight and select **OK** to proceed or **Cancel** to cancel the locking process.

Unlocking Procedure

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press ◀ or ▶ to highlight the **Setup Menu** icon.

- 3** Press ▼ to highlight **PIN Unlock**.
- 4** Use the remote control's numbered buttons to enter the four-digit system password.
- 5** Highlight and select **OK** to proceed or **Cancel** to cancel the unlocking process.

Note: If the cancel option is selected, the lock is still in place and a password challenge will be issued if any programs are attempted to be viewed that do not comply with the locked settings.

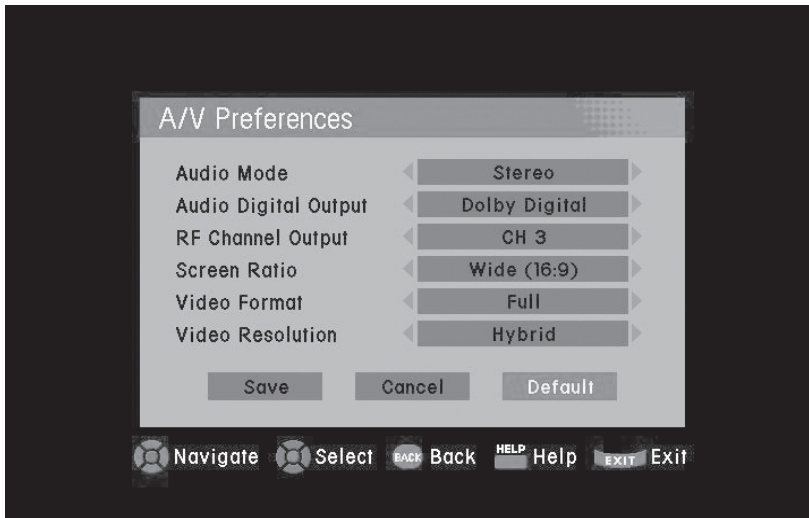
With the system locked, the following features are enforced:

- Rating Limits
- Channel Block
- Profiles Locked
- Spending Limit

Audio/Video

Press **MENU** and navigate to **Setup/Audio/Video Preferences** to access this screen.

Preferences



To use the default settings, navigate to **Default** and press **SELECT**.

All available settings are listed below. Note that the defaults are **bold**.

Audio Mode: **Stereo**, SAP, Mono

Audio Digital Output: **Dolby Digital**, PCM

RF Channel Output: **CH 3**, CH 4

Screen Ratio: **Wide (16:9)**, Standard (4:3)

Video Format: Side Panels, Cropped, **Full**, Letter Box

Video Resolution: **Hybrid**, 1080i, 720p, 480p, 480i



Video Definitions

The video features explained here can be set by following the Audio/Video steps listed in the Additional Features section of this manual.

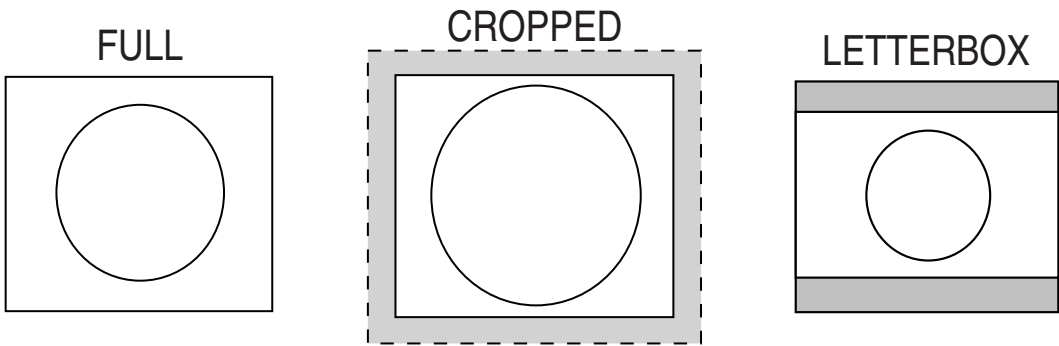
Video Formats

Screen Ratio: Standard 4:3

FULL: Same as incoming, native image.

CROPPED: Image is expanded, causing some loss of the image around the edges of the screen. Pan/scan feature is implemented here.

LETTERBOX: Image is compressed and undistorted.

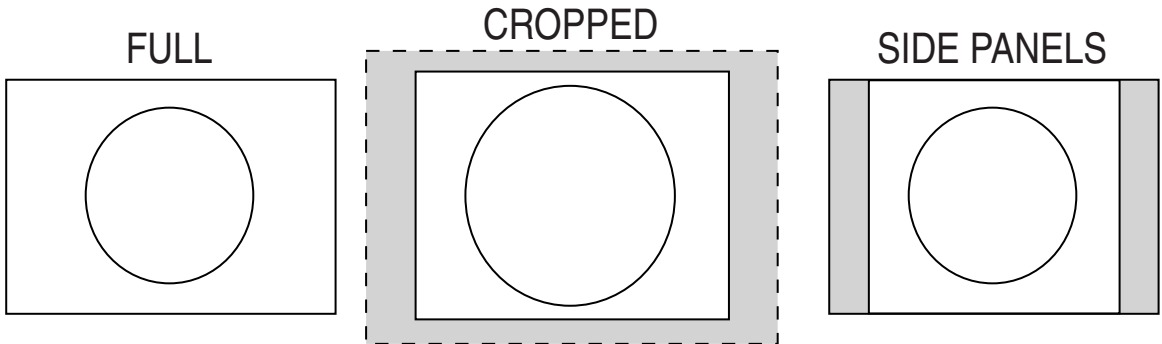


Screen Ratio: Wide 16:9

FULL: Same as incoming, native image.

CROPPED: Image is expanded, causing some loss of the image around the edges of the screen. Pan/scan feature is implemented here.

SIDE PANELS: Image is compressed and undistorted. Black or gray bars appear on the left and right sides of the image.





Video Resolutions

Set the video resolution based on the capabilities of your television. To cycle through the available resolutions, press **ACTION** then press **INPUT (RESOLUTION)** repeatedly.

High-Definition (HD) Incoming Video

- Hybrid Video Output:** 1080i and 720p resolutions automatically get converted to 1080i.
1080i Video Output: Most common HD setting. Use DVI/HDCP or COLOR STREAM output cables.
720p Video Output: For TVs use DVI/HDCP or COLOR STREAM output cables.

Standard Definition (SD) Incoming Video

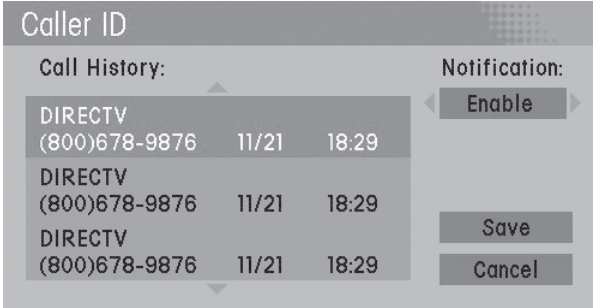
- Hybrid Video Output:** 480i and 480p automatically get converted to 480p.
480i Video Output: Most common SD setting. Use S-VIDEO OUT, VIDEO OUT, or TV OUT.
480p Video Output: Use DVI/HDCP or COLOR STREAM output cables.

Notes on Output Video Resolution:

- The default video resolution is set to **Hybrid**.
- Using the remote control to cycle through the video resolutions will skip the **Hybrid** setting.
- If **480i** is selected for the video resolution, there will be no video displayed on the television for the DVI output.
- User Graphics for standard definition televisions will only be visible with a video resolution of **480i**.

Caller ID

Call History





Use the Caller ID screen to view the history of all received calls and enable and disable call notification.



When a call is received, a window appears on-screen listing the caller's name and phone number. The call is then logged into the Call History area of the Caller ID screen.

Note: This feature is only available if you subscribe to the caller ID service provided by your local telephone company.

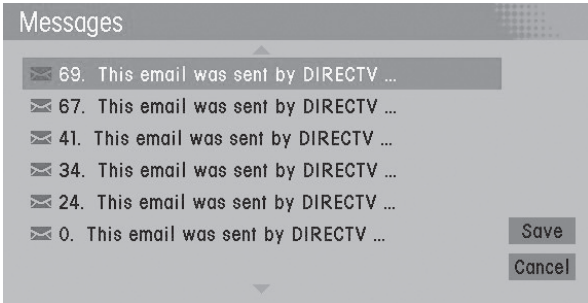
Call History List

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press **◀** or **▶** to highlight the Setup Menu icon.

- 3 Press **▼** to highlight **Call History**. Press **SELECT**.
- 4 Press **◀** or **▶** to navigate into the **Call History** list.
- 5 Press **▲** or **▼** to navigate through the list of received calls.

Enable/Disable Notification

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press **◀** or **▶** to highlight the **Setup Menu** icon.

- 3 Press **▼** to highlight **Call History**. Press **SELECT**.
- 4 Press **▲** or **▼** to navigate to the **Notification** field.
- 5 Press **◀** or **▶** to highlight **Enable** or **Disable**.
- 6 Press **▼** to highlight **Save** and press **SELECT**.



Messages



DIRECTV uses messages to inform you of special events and service announcements.

From this screen you can view new messages and save or delete old ones.

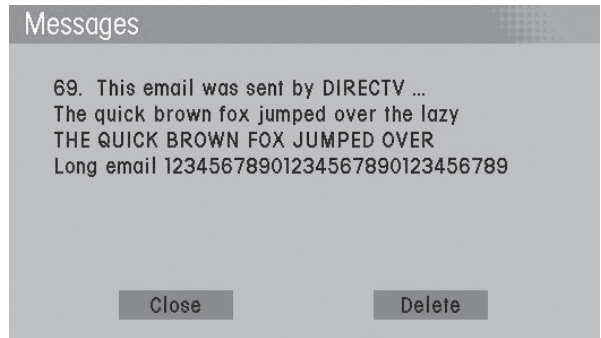
Viewing Message

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press **◀** or **▶** to highlight the Setup Menu icon.

- 3** Press **▼** to highlight **Messages**. Press **SELECT**.
- 4** Press **◀** or **▶** to navigate into the list of Messages.
- 5** Press **▲** or **▼** to navigate through the list and highlight a message you would like to read, and then press **SELECT**.

The message will open (see sample screen at right).

- 6** After you have read the message you can either delete it or close and save it to the messages list.

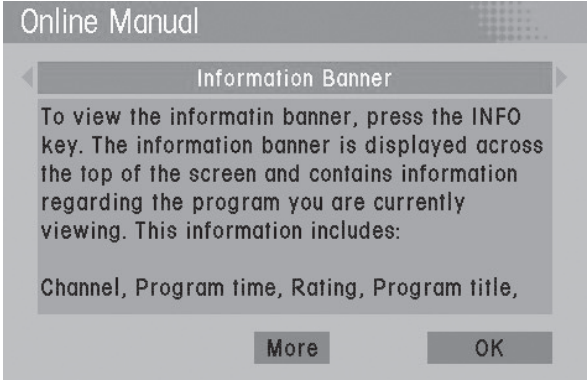
Press **◀** or **▶** to highlight either Close or Delete. Press **SELECT**.



Note: **A message icon will be seen in the channel banner once a new message has arrived. This icon will remain until the new mail is read.**


Help


Online Manual



The Online Manual allows you to access detailed on-screen help.

To access the Online Manual:

- 1** Press **MENU**.
 The Main Menu appears.

- 2** Press **◀** or **▶** to highlight the **Setup Menu** icon.



- 3** Press **▼** to highlight **Online Manual**. Press **SELECT**.

- 4** Press **◀** or **▶** to navigate through the help topics.

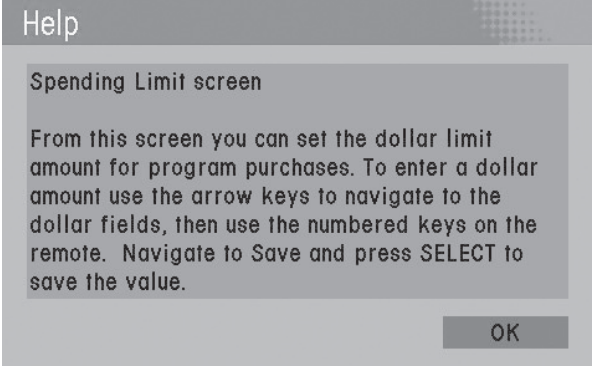
- 5** If there is more text than can be viewed on one screen, press **▼** to highlight **More** and press **SELECT**.

- 6** When you are finished, highlight **OK** and press **SELECT**.

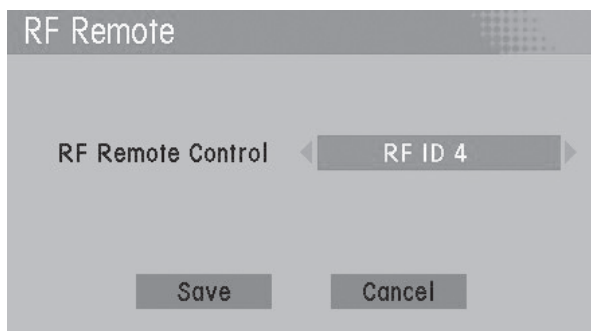
Help Button

You can press **HELP** from anywhere in the Menu System. 

A help screen will display with information specific to your current location in the Menu System.





RF Settings



The RF remote control must use a different RF remote code than any other RF device close to it. Use the RF Remote screen to set this code.

You also must program the same RF code into the remote control that you select in the RF Remote screen. If you ever have interference issues with the remote control, try changing this setting.

RF Remote Screen

- 1** Press **MENU**.
 The Main Menu appears.
- 2** Press ◀ or ▶ to highlight the **Setup Menu** icon.

- 3** Press ▼ to highlight **Remote Control**. Press **SELECT**.
- 4** Press ◀ or ▶ to change the RF Remote Control code.
- 5** Press ▼ to highlight **Save** and press **SELECT**.

Programming the RF Code into the Remote Control:

- 1** Set the SAT/TV1/TV2 switch on the left side of the remote control to **SAT**.
- 2** While holding down **MUTE**, press the numbered buttons to enter the RF code (0–4) you selected on the RF Remote screen.
 Note: 0 will turn the RF off.

Note: *The Default setting for the RF remote is OFF.*

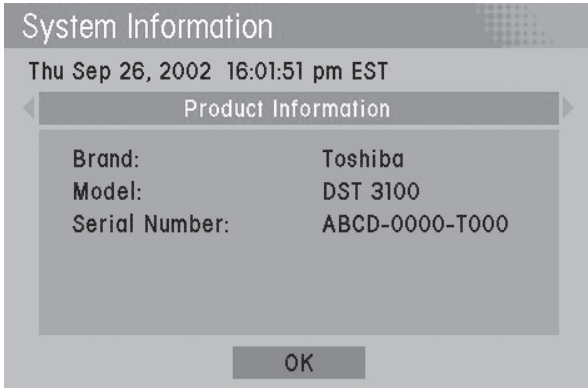
Support

- **System Status**
- **Before Calling Service**
- **Specifications**
- **Limited Warranty**

System Status

Check the System Information and System Test screens for the possible cause of a problem before contacting service.

System Information Screen



The System Information screen contains important technical information about your receiver.

Tuner List:

- Tuner Name
- Input Name
- Capability

Software Version:

- Version Number

Features List:

- Features of your receiver

Product Information:

- Brand
- Model Number
- Serial Number


Copyright Information:

- DIRECTV

Settings:

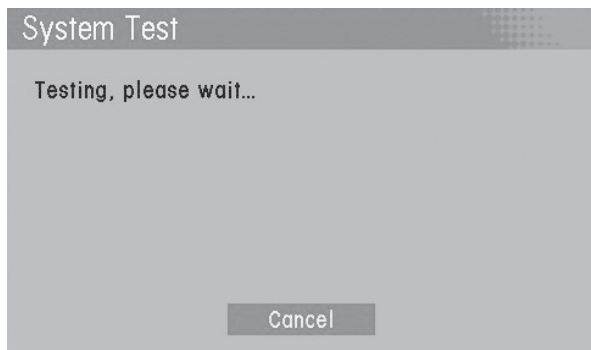
- Daylight Saving
- Phone Prefix
- Access Card Number

To Access the System Information Screen:

- 1 Press **MENU**.
 The Main Menu appears.
- 2 Press **◀** or **▶** to highlight the **Setup Menu** icon.
- 3 Press **▼** to highlight **Installation**. Press **SELECT**.
- 4 Press **◀** or **▶** to highlight the **System Status Menu** icon.

Press **▼** to highlight **System Information**. Press **SELECT**.

System Test Screen




The System Test screen can determine whether your receiver is working correctly.

Run this test if you experience any problems with your DST-3100 receiver.

If this System Test should fail please contact Customer Service.

To Perform a System Test:

- 1** Press MENU.
 The Main Menu appears.
- 2** Press ◀ or ▶ to highlight the **Setup Menu** icon.
- 3** Press ▼ to highlight **Installation**. Press **SELECT**.
- 4** Press ◀ or ▶ to highlight the **System Status Menu** icon.

Press ▼ to highlight **System Test**. Press **SELECT**.

Before Calling Service Personnel

Check the following table for the possible cause of a problem before contacting service personnel.

Symptoms and correction

| SYMPTOM | CAUSE | CORRECTION |
|--|---|--|
| "Searching for Satellite Signal" OR "Searching for Program Guide" message appears | Your satellite signal has been interrupted. | Check to make sure that weather conditons have not caused your signal to be temporarily interrupted. Check your satellite dish antenna to make sure it has not been obstructed, damaged, or moved. From the <i>Installation</i> menu, select Terrestrial/Signal Strength and re-test the signal strength. |
| Remote control does not operate | | Make sure there is nothing blocking the signal between the remote control and the front of the HD receiver. Replace the batteries in the remote control. Make sure the SAT/TV1/TV2 switch on the side of the remote control is set to the appropriate position. |
| Picture; but no sound | The TV is muted. The volume is too low. The audio cables are not connected correctly. | Press MUTE on the remote control. Adjust the volume level. Check the audio cable connections. |
| No picture; no sound | Your connections are incorrect. | Check the ANT/TV/SAT connections. Check the power cord. |
| No picture; no sound; "Please Insert a Valid Access Card" message appears | Your access card is not inserted. Your access card is not inserted correctly. | Insert your access card. Remove your access card and reinsert with the gold contact facing down and the arrow on the top pointing toward the receiver. |
| Picture appears distorted | The video settings are not correct. | From the <i>Setup</i> menu, select A/V Preferences and verify that you have the proper video settings selected. |
| Unable to select a specific channel | The channel is blocked. The channel has been erased from the list of available channels. | From the <i>Profiles</i> menu, select Edit/Channel Block and unblock the channel. From the <i>Setup</i> menu, select Terrestrial/Channel Add Delete and add the channel. |

Specifications

HD Receiver / Inputs / Outputs / Audio / Video / Supplied Accessories

HD Receiver

| | |
|---------------------|---------------------------------------|
| Power Supply | 120V, 60Hz |
| Power Consumption | 49.6W |
| External Dimensions | 13 1/8" (w) x 2 3/4" (h) x 121/2" (d) |
| Weight | 5 lbs. 13 oz. |

Inputs

| | |
|---------------|-------------------------------------|
| ATSC/NTSC | 75 Ohm F-Type (2) |
| DIRECTV | 75 Ohm F-Type (1) |
| Smart Card | Slot behind door on front panel (1) |
| AC Power Cord | 120V, 60Hz |

Outputs

| | |
|---|------------------------------|
| DVI/HDCP | 1080i, 720p, 480p, (1) |
| Component (Y, P _B , P _R) | 1080i, 720p, 480p, 480i, (1) |
| S-Video | S-Video (1) |
| Audio L/R | RCA style (2) |
| Video | RCA style (2) |
| Digital Audio (Optical) | Optical (1) |
| Telephone Line | RJ-11 (1) |
| RF | 75 Ohm F-type (1) |

Audio

| |
|----------------------|
| Analog Stereo |
| Dolby Digital (AC-3) |
| PCM |

Video

| |
|-------------------|
| DIRECTV SD |
| DIRECTV HD |
| Aspect Ratio 4:3 |
| Aspect Ratio 16:9 |

Supplied Accessories

| | |
|----------------------|--|
| Cables | 6 (Coaxial RF, Telephone, DVI, Audio, 3-conductor Component S-video) |
| IR/RF Remote Control | CT-90116 |
| Batteries | 4 AAA |
| Smart Card | 1 |

LIMITED WARRANTY

Toshiba America Consumer Products, Inc. (“TACP”) and Toshiba Hawaii Inc. (“THI”) make the following limited warranty. This limited warranty extends to the original consumer purchaser, or any person receiving this product as a gift from the original consumer purchaser, and to no other purchaser or transferee. This limited warranty applies only to products purchased and operated in the USA.

LIMITED WARRANTY - ONE (1) YEAR PARTS AND LABOR

WHAT IS COVERED

Any defect in materials or workmanship. This warranty applies only to the Toshiba DST-3100 High Definition Digital Receiver and the included remote control unit.

WHAT TACP OR THI WILL DO

Within one year from the date of original retail purchase: Repair the defective DST-3100 Receiver, remote control unit, or parts; or exchange the receiver or remote control unit with a new or (at TACP/THI’s option) refurbished receiver or remote control unit. Labor costs for the removal and reinstallation of any equipment are your responsibility.

Your responsibility:

1. You must retain your bill of sale or provide other proof of purchase.
2. All warranty servicing of the product must be made by a TACP/THI Authorized Service Station.
3. These warranties are effective only if the product is purchased and operated in the U.S.A.

WHAT YOUR WARRANTY DOES NOT COVER

- Any High Definition Digital Receiver accessory not included with the DST-3100 Receiver.
- Original or subsequent installation.
- Damage caused by acts of God, including but not limited to lightning or power surge damage.
- Adjustment of customer controls, including but not limited to installation, alignment, or repair of a satellite dish or terrestrial antenna.
- Damage from misuse, accident, neglect, improper installation, installation or use in violation of instructions provided by TACP/THI or applicable building codes, or improper maintenance.
- Units or parts that have been lost or discarded by you.
- A unit that has been modified or incorporated into other products, or is used for institutional, rental, or commercial purposes.
- Batteries for remote control hand units.
- Units purchased, serviced, or operated outside the United States of America.
- Loss of programming.
- Shipping damage if the unit was not packaged in the manner prescribed by TACP.

Warranty is void if the model and/or serial number tag is missing, altered, defaced, or otherwise rendered illegible.

Read the DST-3100 Receiver Owner's Manual thoroughly before using this product.

How to obtain service:

- Have the unit's proof of purchase, model number, and serial number ready, and call 1-888-867-4377. The model and serial number information is on the back panel of the DST-3100 Receiver.
- A Customer Service Representative will help you troubleshoot the problem over the telephone.
- If our Customer Service Representative determines that the Toshiba High Definition Digital Receiver or the remote control unit is the cause of the problem, you will be provided with a Return Authorization (RA) number and instructions on returning the defective unit for repair or replacement. No returns will be accepted without an RA number.
- If our Customer Service Representative determines that your terrestrial antenna, satellite dish, or access card is defective, you will be advised of appropriate corrective measures.
- If our Customer Service Representative determines that the installation is the cause of the problem, you will be referred to your system installer for installation service. Installation service is your responsibility.
- Removal and reinstallation of any and all equipment are your responsibility.
- If you have questions concerning your DIRECTV billing or programming, please call DIRECTV at 1-800-347-3288.

How state law relates to your warranty:

ALL WARRANTIES IMPLIED BY STATE LAW, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE LIMITED WARRANTIES SET FORTH ABOVE. WITH THE EXCEPTION OF ANY WARRANTIES IMPLIED BY STATE LAW AS HEREBY LIMITED, THE FOREGOING EXPRESS WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AGREEMENTS AND SIMILAR OBLIGATIONS OF MANUFACTURER OR SELLER WITH RESPECT TO THE REPAIR OR REPLACEMENT OF ANY PRODUCT OR PARTS. IN NO EVENT SHALL TACP OR THI BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. NO PERSON, AGENT, DISTRIBUTOR, DEALER OR COMPANY IS AUTHORIZED TO CHANGE, MODIFY OR EXTEND THE TERMS OF THESE WARRANTIES IN ANY MANNER WHATSOEVER. THE TIME WITHIN WHICH AN ACTION MUST BE COMMENCED TO ENFORCE ANY OBLIGATION OF TACP OR THI ARISING UNDER THE WARRANTY OR UNDER ANY STATUTE OR LAW OF THE UNITED STATES OR ANY STATE THEREOF IS HEREBY LIMITED TO ONE (1) YEAR FROM THE DATE YOU DISCOVER OR SHOULD HAVE DISCOVERED THE DEFECT. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, WHEN AN ACTION MAY BE BROUGHT, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE PROVISIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

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