TOSHIBA

Toshiba DST-3100 Owner's Manual

Directv high-definition receiver/hdtv tuner

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DIRECTV Reteral DTV Tuner DST-3100

OWNER'S MANUAL

POWER 79077213 PM0004882011



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Related Manuals for Toshiba DST-3100

TV Receiver Toshiba DST-3000 Owner's Manual

Toshiba dst-3000: user guide (96 pages)

TV Receiver Toshiba DST-3000 Owner's Manual

High definition digital receiver (98 pages)

TV Receiver Toshiba HD-S25 Owner's Manual

Digital high definition receiver (56 pages)

TV Receiver Toshiba HDR5010KB Ouick Start Manual

Digital tv recorder (2 pages)

TV Receiver Toshiba Solid State Service Manual

25"/29"/34"/38" solid state color television receiver (19 pages)

Summary of Contents for Toshiba DST-3100

Page 1 ® DIRECTV High-Definition Receiver/HDTV Tuner DST-3100 OWNER'S MANUAL POWER 79077213 PM0004882011 © 2003 Toshiba Corporation GUIDE SELECT MENU Introduction Connections Installation ADVANCED PROGRAM GUIDE™ Menu System Search Profile Setup Scheduling Purchases Additional Features Support ® DIRECTV HIGH-DEFINITION RECEIVER / HDTV TUNER...

Page 2: Introduction

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. The lightning flash with arrowhead symbol, within an equilat- eral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage"...

<u>Page 3</u> 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.

Page 4: Important Safety Instructions

Introduction 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.

<u>Page 5</u> 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.

Page 6: Fcc Information

• 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.

Page 7: Disclosure Information

Disclosure Information ® 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.

Page 8: Table Of Contents

Introduction Table of Contents Introduction Safety Precautions ... 2 Important Safety Instructions ... 4 FCC Information ... 6 Part 68 ... 6 Part 15 ... 6 Disclosure Information ... 7 DIRECTV® ... 7 Macrovision® ... 7 Dolby Digital® ... 7 Table of Contents ...

Page 9: Identification Of Controls

SELECT MENU POWER - Press to turn the DST-3100 receiver on and off. The power light illuminates when the unit on. The power light also flashes as the receiver is rebooting. SELECT - Press to access a highlighted guide or menu item.

Page 10: Remote Control

Introduction Identification of Controls (continued) Remote Control INPUT/RESOLUTION Dash Navigation (/ / /) SAT / TV1 / TV2 Switch ACTION USER/FAV JUMP / HOME MENU HELP MUTE POWER Numbered buttons BACK SELECT EXIT Channel up and down / Page up and down Volume up and down GUIDE...

Page 11: Loading Batteries

Loading Batteries Open the cover. Insert the four AAA batteries. Make sure to match the + and - on the batteries to the marks inside the battery compartment. Close the cover. Notes on batteries: Improper use of batteries may cause battery leakage and corrosion.

Page 12: Remote Control Codes

Introduction Identification of Controls (continued) Remote Control Codes for your Television rtszitsitatlisitijllastiitaita...

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Page 15: Connections

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...

Page 16: Cables

Connections Cables Refer to the diagram below to identify the types of cables that may be used to connect your receiver. Cable Types Coaxial (antenna) cable Standard stereo A/V cables (typically color-coded red and white for audio) S-video cable Component video cables (typically color-coded red, green, blue) DVI-D digital single-link cable...

Page 17: Connecting To An Antenna

Connecting to an Antenna Connect the receiver to a satellite dish, terrestrial antenna, or cable service. DIRECTV® Satellite Dish Antenna/Terrestrial Antenna/Cable Service ANT 1 ANT 2 TV OUT COLOR VIDEO OUT STREAM Service Only DIGITAL S-VIDEO OUT DVI / HDCP AUDIO PHONE JACK...

Page 18: Connecting To A Tv

Connections Connecting to a TV Connect the receiver to your TV. Connecting to an HDTV with DVI/HDCP ANT 1 ANT 2 TV OUT COLOR STREAM 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. •...

<u>Page 19</u> Connecting to a HDTV with Component Video ANT 1 ANT 2 TV OUT COLOR VIDEO STREAM 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.

<u>Page 20</u> Connections Connecting to a TV (continued) Connect the receiver to your TV. Connecting to a Standard Definition TV ANT 1 ANT 2 TV OUT COLOR STREAM 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

Page 21: Connecting To A Vcr

Connecting to Optional Equipment Connecting to a VCR ANT 1 ANT 2 TV OUT COLOR VIDEO STREAM DIGITAL S-VIDEO DVI / HDCP AUDIO To your TV PHONE JACK...

Page 22: Connecting To Optional Equipment

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<u>Page 23</u> Connecting to a standard amplifier ANT 1 ANT 2 TV OUT COLOR VIDEO STREAM DIGITAL S-VIDEO DVI / HDCP AUDIO AMPLIFIER PHONE JACK...

Page 25: Installation

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

Page 26: System Configuration Types

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 onscreen display of installation settings. Press to highlight the appropriate system configuration, and then press the SELECT key.

Page 27: Directy® 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 •...

<u>Page 28</u> DST-3100 receiver to receive these broadcasts. Notes • If you do not have cable service connected to the DST-3100, it is not necessary to complete step 5.

<u>Page 29</u> Press to navigate to the appropriate fields. Press to select the type of inputs you connected to the DST-3100. Press 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.

<u>Page 30</u> Installation ® 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.

Page 31: 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 •...

<u>Page 32</u> Installation 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. Press to highlight the Source field and then press Press highlight the Time Zone field and then press to highlight the Daylight Saving field and then press...

Page 33: Local Antenna/Cable Only

Press to navigate to the appropriate fields. Press to select the type of inputs you connected to the DST-3100. Press 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.

<u>Page 34</u> 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.

Page 35: Installation Complete

Installation Complete Your reciever 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 Programing This section explains the different types of programming available based on system connections and DIRECTV...

Page 37: Advanced Program Guide

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...

Page 38 ADVANCED PROGRAM GUIDE 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).

Page 39 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. •...

Page 40: General Guide Features

ADVANCED PROGRAM GUIDE 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).

Page 41 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.

Page 42: Purchase Menu

ADVANCED PROGRAM GUIDE ADVANCED PROGRAM GUIDE™ Pay Per View Features Accessing the Purchase Menu Purchase Screen 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) •...

Page 43: Menu System

Menu System The Menu System puts you in control of the receiver. Overview...

Page 44: Menu Tree

Menu System 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 Advanced Grid Guide Basic Grid Guide Guide Surf Guide Banner Guide...

<u>Page 45</u> 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...

Page 46 Menu System...

Page 47: Search Menu

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...

Page 48: Search Options

Function setup Profiles Search Options There are three main categories to use in your program search. Main Search Window Press MENU. The Main Menu appears. MENU Press to navigate to the Search icon. Press to highlight the search that you would like to perform.

Page 49: Search Titles

Search by Title Press MENU. MENU The Main Menu appears. Press to highlight the Search icon. Press to highlight Search Title. / / Press to highlight the letter or number you want to perform a search on. Press SELECT. Once in the Search window continue to press to highlight the letter or...

Page 50: Search Credits

Function setup Profiles Search Credits This is one of the search method to use in your program search. Search by Credits Press MENU. MENU The Main Menu appears. Press to highlight the Search icon. Press to highlight Search Credits. Press then to highlight which credit you wish to Search.

Page 51: Search Categories

Search by Categories Press MENU. The Main Menu appears. MENU Press to highlight the Search icon. Press to highlight Search Categories. 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.

Page 53: Profile Setup

Profile Setup You can create a customized profile so that many system settings are just the way you like them! Customizing Profile Settings...

Page 54: Customizing Profile Settings

Function setup Profiles Customizing Profile Settings You can change the default profile to customize "look" and "feel" of your receiver. Edit User Profiles Selection Press MENU. The Main Menu appears. MENU Press to navigate to the Profiles Menu icon. Press to highlight Edit Family or Edit User (1-3).

<u>Page 55</u> 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).

Page 56: Edit Guide Channels

Function setup Profiles Customizing Profile Settings (continued) Edit Guide Channels Press MENU. The Main Menu appears. MENU Press to navigate to the Profiles Menu icon. Press to highlight Edit Family or Edit User (1–3). Press , then press Guide Channels. Press SELECT. Press to highlight the box for the channel you wish to add/remove.

Page 57: Favorite Channels Setup

Favorite Channels Setup Press MENU. MENU The Main Menu appears. Press to highlight the Profiles Menu icon. Press to highlight Edit Family or Edit User (1–3). Press then to highlight Favorite Channels. Press SELECT. Press to highlight Edit, and then press SELECT.

Page 58: Channel Block

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.

Page 59: 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.

<u>Page 60</u> Function setup Profiles Customizing Profile Settings (continued) Rating Limits (continued) TV Ratings: TV-MA Mature Audience Only. TV-14 Parents Strongly Cautioned. TV-PG Parental Guidance Suggested. TV-G General Audience. TV-Y7 TV-Y All Children Movie Ratings: General audiences. All ages admitted. Parental guidance suggested. Some material may not be suitable for children. PG-13: Parents strongly cautioned.

Page 61: Lock/Unlock Profile

Lock/Unlock Profile Locking Procedure Press MENU. The Main Menu appears. MENU Press to highlight the Profiles Menu icon. Press to highlight Edit Family or Edit User (1–3). Press then to highlight Lock. Press SELECT. Use the remote control's numbered buttons to enter a four-digit password of your choosing.

Page 62: Preferences Sub-Menus

Function setup Profiles 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.

<u>Page 63</u> 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. Press MENU. The Main Menu appears. MENU Press to highlight the Profiles Menu icon. Press to highlight Edit Family or Edit User (1-3).

<u>Page 64</u> Profiles Function setup Customizing Profile Settings (continued) Preferences submenus (continued) Closed Caption This menu contains menu options for controlling Closed Captions. Closed Caption Mode This option turns closed captions on or off. Press MENU. MENU The Main Menu appears. Press to highlight the Profiles Menu icon.

<u>Page 65</u> Advanced Closed Captions This option gives you control over the look and feel of the closed caption text for digital terrestrial channels. Press MENU. MENU The Main Menu appears. Press to navigate to the Profiles Menu icon. Press to highlight Edit Family or Edit User (1–3).

Page 67: Scheduling

Scheduling Scheduling an Event Editing a Scheduled Event View Events List Event Reminders...

Page 68: Scheduling An Event

Scheduling 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): Press to highlight a desired future event.

<u>Page 69</u> From Search (no event conflict): Perform a search (see Search section of this manual for detailed instructions). Press to navigate to the desired event. Press SELECT. The Showtimes screen appears Press to navigate to the desired future event time. Press SELECT. If there is not a conflict the following message will appear confirming the scheduled event.

<u>Page 70</u> Scheduling Scheduling an Event (continued) Ways To Schedule an Event (continued) Manually from the Main Menu: Press MENU. MENU The Main Menu appears. Press to highlight the Schedule Menu icon. to highlight Schedule New Press Events and press SELECT. The Schedule Edit screen appears.

Page 71: Editing A Scheduled Event

Editing a Scheduled Event Editing a Previously Scheduled Event Press MENU. The Main Menu appears. MENU Press to highlight the Schedule Menu icon. Press to highlight View Event List and press SELECT. The View Event List screen appears. Pay Per View events and mandatory updates cannot be deleted. The Frequency field can be used to schedule the event on a recurring basis.

Page 72: Viewing Scheduled Programs

Scheduling Viewing Scheduled Programs View Event List Press MENU. MENU The Main Menu appears. Press to highlight to the Scheduling Menu icon. Press to highlight View Event List and

press SELECT. The View Event List screen SELECT appears. The View Event List option displays four scheduled events at one time.

Page 73: Event Reminders

Event Reminders 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.

Page 75: Purchases

Purchase History Pay Per View (PPV) access enables you to purchase special, limited-broadcast programs. Future Purchases Past Purchases Spending Limit...

Page 76: Future Purchases

Function setup Purchases Menu Use the Purchases Menu to control your Pay Per View options. Future Purchases Viewing The Advanced Purchase PPV List Press MENU. MENU The Main Menu appears. Press to highlight the Purchases Menu icon. Press to highlight Future Purchases and press SELECT.

Page 77: Past Purchases

Past Purchases Spending Limt Press MENU. The Main Menu appears. MENU Press to highlight the Purchases Menu icon. Press to highlight Spending Limit and press SELECT. Use the numbered buttons on your remote control to enter a dollar anmount. Press to highlight Save and press SELECT.

Page 79: Additional Features

Additional Features Password Management Audio/Video Caller ID Messages Help Remote Control RF Settings...

Page 80: Password Management

Additional Features Password Management Use the following steps to lock and unlock your HD receiver's menu system. PIN Lock/Unlock Locking Procedure Press MENU. MENU The Main Menu appears. Press to highlight the Setup Menu icon. Press to highlight PIN Lock. Use the remote control's numbered buttons to enter a four-digit password of your choosing.

Page 81: Audio/Video

Audio/Video Press MENU and navigate to Setup/Audio/Video Preferences to access this screen. Preferences To use the default settings, navigate to Defualt 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)

Page 82: Video Definitions

Additional Features 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.

Page 83: Video Resolutions

Video Resolutions Set the video resolution based on the capabilities of your televison. 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.

Page 84: Caller Id

Additional Features Caller ID Call History Note: This feature is only available if you subscribe to the caller ID service provided by your local telephone company. Call History List Press MENU. MENU The Main Menu appears. Press to highlight the Setup Menu icon.

Page 85: Messages

Messages Messages Viewing Message Press MENU. MENU The Main Menu appears. Press to highlight the Setup Menu icon. Press to highlight Messages. Press SELECT. Press to navigate into the list of Messages. Press to navigate through the list and highlight a message you would like to read, and then press SELECT.

Page 86: Help

Additional Features Help Online Manual To access the Online Manual: Press MENU. The Main Menu appears. MENU Press to highlight the Setup Menu icon. Press to highlight Online Manual. Press SELECT. Help Button You can press HELP from anywhere in the Menu System.

Page 87: Remote Control Rf Settings

Remote Control RF Settings RF Settings RF Remote Screen Press MENU. MENU The Main Menu appears. Press to highlight the Setup Menu icon. Press to highlight Remote Control. Press SELECT. Press to change the RF Remote Control code. Press to highlight Save and press SELECT.

Page 89: Support

Support System Status Before Calling Service Specifications Limited Warranty...

Page 90: System Status

Support System Status Check the System Information and System Test screens for the possible cause of a problem before contacting service. System Information Screen To Access the System Information Screen: Press MENU. MENU The Main Menu appears. Press to highlight the Setup Menu icon.

<u>Page 91</u> System Test. Press SELECT. 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.

Page 92: Before Calling Service Personnel

Support Before Calling Service Personnel Check the following table for the possible cause of a problem before contacting service personnel. Symptoms and correction S " i | | " | S " " e t c i t c i t c i P "...

Page 93: Specifications

Specifications HD Receiver / Inputs / Outputs / Audio / Video / Supplied Accessories HD Receiver 49.6W ("Inputs Outputs , i 0 , i 0 a t i c i t) I a c i t) I () 1 (Audio Video...

Page 94: Limited Warranty

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:...

<u>Page 95</u> • 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.

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