Installation and Operating Guide | Warranty (Draft Ver. 0.5)
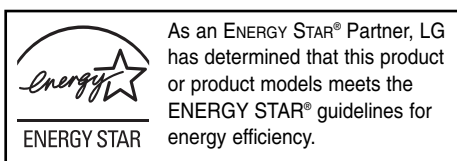
Model Number | LSX300 | Coupon-Eligible Converter Box

zenith **Z** ®

ENERGY STAR	As an ENERGY STAR® Partner, LG has determined that this product or product models meets the ENERGY STAR® guidelines for energy efficiency.

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support Call:
Toll Free Number
1-800-243-0000
(http://us.lgservice.com)

zenith **Z** ®

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Introduction

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK
OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

This 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 product.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING : Do not install this equipment in a confined space such a bookcase or similar unit.

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating.
The openings should be never be blocked by placing the product on a bed, sofa, rug or other similar surface.This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;
That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

To disconnect power from the mains, pull out the mains cord plug. When installing the product, ensure that the plug is easily accessible.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

REGULATORY INFORMATION: FCC Part 15

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 when the product is operated in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, 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 product and receiver.
• Connect the product 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.

CAUTION:

DO NOT ATTEMPT TO MODIFY THIS PRODUCT IN ANY WAY WITHOUT WRITTEN AUTHORIZATION FROM LG ELECTRONICS CORPORATION.
UNAUTHORIZED MODIFICATION COULD VOID THE USER'S AUTHORITY TO OPERATE THIS PRODUCT. THIS EQUIPMENT IS INTENDED TO RECEIVE AND DECODE SIGNALS TRANSMITTED ACCORDING TO ATSC DIGITAL TELEVISION STANDARD A/53, SPECIFICATION AND IS INTENDED TO BE USED WITH AN APPROPRIATE ANTENNA AND DISPLAY DEVICE THAT YOU MUST PROVIDE.

FCC COMPLIANCE: The responsible party for this product's compliance is:

Marketed and Distributed by LG Electronics U.S.A., Inc., 1000 Sylvan Avenue, Englewood Cliffs, NJ.
Phone: 1-201-816-2000.

IMPORTANT SAFE-TY INSTRUCTIONS

Please read and observe all warnings and instructions in this owner's manual. And those marked on the product. Retain this booklet for future reference.

PLEASE READ AND OBSERVE ALL WARN-INGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL. AND THOSE MARKED ON THE PRODUCT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

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 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 where they exit from 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 this apparatus during lightning storms or when unused for long periods of time.
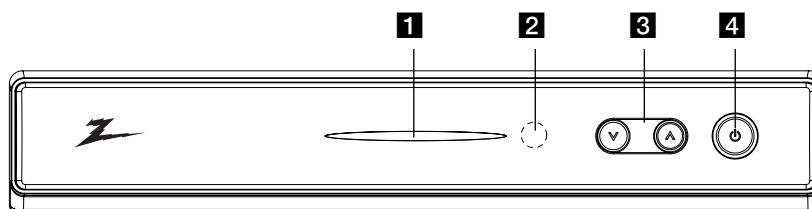
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Contents

Introduction

Front Panel

**1** **POWER indicator**
Lights up red (standby mode) or blue (active mode). This indicator will blink when remote signal is received.

2 **Remote Control Sensor**
Receives signals from the Remote Control.

3 **∨/∧ (Channel Down/Up)**
Scans up or down through memorized channels.

4 **POWER**
Turns the unit on or off.

Connection Panel Overview

1 **ANTENNA IN (FROM ANT.)**
Connect to digital signal source; over-the-air antenna.

2 **ANTENNA OUT (TO TV)**
Connect to a TV with RF coaxial inputs.

3 **VIDEO and AUDIO OUTPUT (Left/Right)**
Connect to a TV/Monitor with Video and audio inputs.

4 **SMART ANTENNA (Optional)**
Connect a smart antenna.

5 **AC Power Cord**
Plug into the power source.

4

Remote Control
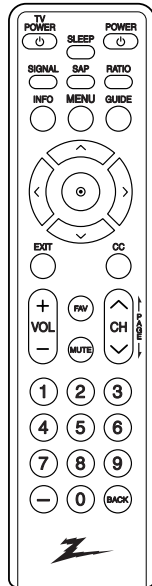
TV POWER
Turns the TV ON and OFF.

SLEEP
Set this unit to turn off automatically at a specified time. (Off → 1 hour → 2 hours → 3 hours → 4 hours)

POWER
Turns the STB ON and OFF.

SIGNAL
You can view the signal strength and listen the beep sound according to signal strength for the current channel.

SAP
Selects program's audio language if available.

RATIO
Changes the picture aspect ratio.

INFO
Shows current or next program informations for the current channel.

GUIDE
Brings up the Simple Guide.

CC
Selects caption mode if available.

MENU
Accesses or closes main menu.

EXIT
Removes all on-screen displays and returns to TV viewing from any menu.

Arrow Buttons (∧ / ∨ / < / >)
Selects options in a menu.

◉ (Select)
Selects highlighted menu function. Completes the channel number input and promptly tunes to selected channel.

FAV (Favorite)
Selects through the programmed Favorite channels.

MUTE
Turns sound ON and OFF.

CH (Channel) / PAGE (+/–)
Selects channels in memory. Pages through the Channel Edit and Block Channel menu.

VOL (Volume) (+/–)
Sets sound level.

Numbers
Chooses channels and enters password.

- (Dash)
Enters a channel number for multiple program channels such as 2-1, 2-2, etc.
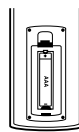
BACK
Returns to the last channel viewed.

Remote Control Operation

Point the remote control at the remote sensor and press the buttons.

Remote Control Battery Installation

 Detach the battery cover on the rear of the remote control, and insert a battery (size AAA) with ⊕ and ⊖ aligned correctly. We recommend to use the alkaline battery.
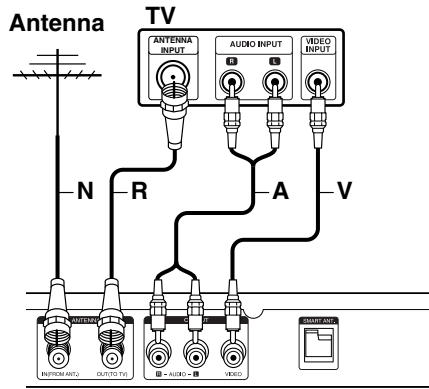
Introduction

Connections with TV and over-the-air antenna

1. Connect the antenna to the "ANTEN-NA IN" jack on this unit using a coaxial RF cable **(N)**.

2. Connect the "ANTENNA OUT" jack on this unit to the "Antenna In" jack on your TV using a coaxial RF cable **(R)**. Your TV must be tuned to the selected RF channel (3 or 4 channel) to display the picture. (default: 4 channel)
OR
Connect the VIDEO and AUDIO OUTPUT jacks on this unit to the video and audio input jacks on the TV using the video **(V)** and audio **(A)** cable.

3. Plug the power cord into a power strip/surge protector or a wall outlet.

Antenna **TV**

Rear of this unit

Connections with TV and Smart Antenna (Optional)

Before connecting, ensure the AC power cord is NOT connected to the AC outlet. To connect the Smart Antenna, refer to your Smart Antenna's manual for details.

1. Use a 75 ohm coaxial antenna cable to connect the Smart Antenna to the TO ANTENNA jack on the control box.

2. Use another 75 ohm coaxial antenna cable to connect the TO TV (STB) jack on the control box to the ANT. IN jack on this unit.

3. Use the Smart Antenna control cable to connect the ANTENNA CONTROL jack on the control box to the SMART ANT. jack on the UNIT.

4. Connect the "ANTENNA OUT" jack on this unit to the "Antenna In" jack on your TV using a coaxial RF cable **(R)**. Your TV must be tuned to the selected RF channel (3 or 4 channel) to display the picture. (default: 4 channel)
OR
Connect the VIDEO and AUDIO OUTPUT jacks on this unit to the video and audio input jacks on the TV using the video **(V)** and audio **(A)** cable.

5. Plug the power cord into a power strip/surge protector or a wall outlet.
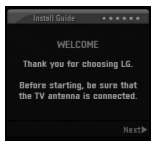
Smart Antenna

Control box
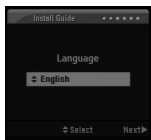
TV
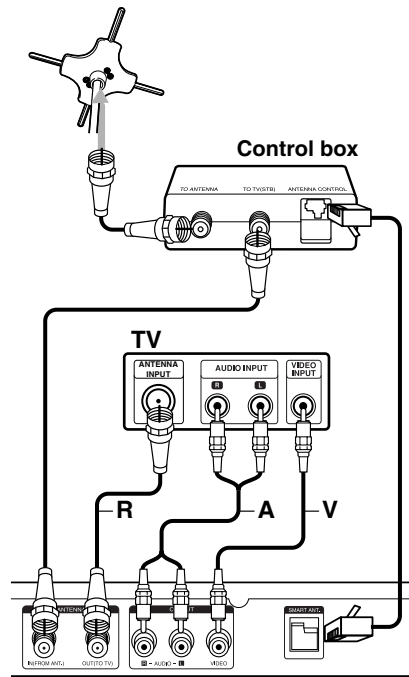
Rear of this unit

Install Guide

The Install Guide is a convenient way for you to customize the settings of this unit. When the unit is turned on for the first time after connecting the power supply, Install Guide is displayed on the screen automatically.

Step 1 (Welcome Message)
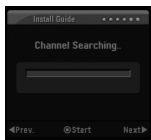
Press > to move next step.

Step 2 (Language Selection)

Use ∧ / ∨ to select a language (English, Spanish, French) then press > to move next step.
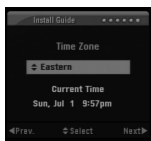
Step 3 (TV Set Ratio)

Use ∧ / ∨ to select your TV type then press > to move next step.
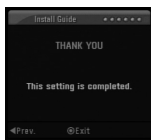
Step 4 (Channel Searching)

Press ◉ (Select) to start auto tuning.
After auto tuning is complete, press > to move next step.

Step 5 (Time Zone)

Use ∧ / ∨ to select a time zone then press > to move next step.

Step 6 (Thank You Message)

Press ◉ (Select) to finish install guide.

Menu Overview

By using the menu, you can make various adjustments to items such as picture and sound.
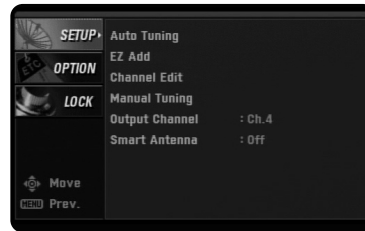
To display and exit the Menu:

Press MENU to display the menu. A second press of Menu will take you back to initial screen.

To go to the next level:

Press > on the remote control.

To go back to the previous level:

Press < on the remote control.

Typical Menu Operation

1. Press MENU. The menu appears.

2. Use ∨ / ∧ to select the desired option then press > or ◉ (Select) to move to the second level.

3. Use ∧ / ∨ to select the second desired option then press > to move to the third level.

4. Use ∧ / ∨ to select the desired setting then press ◉ (Select) to confirm your selection. Some items require additional steps.

5. Press EXIT to exit the menu.

Setup

7

Setup Menu Features
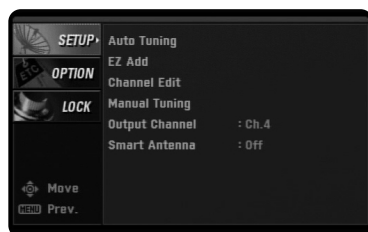
Note

A password is required to gain access to Auto Tuning and Manual Tuning menu if the Lock System option is set to "On" (See page 10).

Auto Tuning

Automatically finds all digital channels available through the 'Antenna In' source and stores all the active channels found. Select "Auto Tuning" option then press ⊙ (Select) to start auto tuning.

EZ Add

Automatically adds new channels available through the antenna input to the memorized channels already in the channel list.
Select "EZ Add" option then press ⊙ (Select) to start auto tuning.

Channel Edit

Channel Edit allows you to manually add or delete channels from the channel list in memory.

1. Select "Channel Edit" option then press ⊙ (Select) or >.
2. Select a channel then press ⊙ (Select) to add or delete the channel.

Note

Deleted channels can not be selected with the Channel (+/–) buttons.

Manual Tuning

This feature manually adds or deletes channels.

1. Select "Manual Tuning" option then press ⊙ (Select) or >.
2. Select a channel to add or delete.
3. Press ⊙ (Select) to confirm your selection.
4. Repeat steps 2-3 to add or delete additional channels.

Tip

You can use the Antenna Scan function if the Smart Antenna option is set to "On".
Press > on step 2 as above, and the Antenna Scan menu will appear and then automatically find the antenna adjustment for optimized reception.

Output Channel

If you use the ANTENNA OUT (TO TV) jack, select channel 3 or 4 to send RF signal from the unit to your TV. Your TV must be tuned to the selected channel to display the picture.

Smart Antenna (Optional)

If you are using a smart antenna, you will have to switch on the Smart Antenna option.

On – Smart antenna is connected to the unit.
Off – Smart antenna is not connected to the unit.

Note

If you set the "Smart Antenna" option to "On" without a smart antenna connected, the channel scanning time may be longer. Set the Smart Antenna option to "Off" if a smart antenna is not connected.
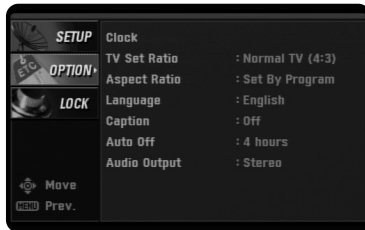
Setup

Setup Menu Features (Continued)

Favorite Channel

You can create your own Favorite List.
1. Select "Favorite Channel" option then press ⦿ (Select) or >.
2. Select a channel then press ⦿ (Select) to add the channel to the Favorite List.

Tip

Use the FAV button to select the channels.

Option Menu Features


```
SETUP     Clock
OPTION▶   TV Set Ratio    : Normal TV (4:3)
          Aspect Ratio    : Set By Program
LOCK      Language        : English
          Caption         : Off
          Auto Off        : 4 hours
          Audio Output    : Stereo
◆ Move
MENU Prev.
```

Clock

Enables the user to set up the clock information. Normally, your clock is set using signals transmitted by DTV stations. Choosing your time zone sets the current time automatically.

Note

In the case when a TV station does not send, or sends wrong data and/or information, the unit may be set to an incorrect time.

TV Set Ratio

Select your TV type.
4:3 – Select when a standard 4:3 TV is connected.
16:9 – Select when a 16:9 wide TV is connected.

Aspect Ratio

Selects the screen format for current channel. The options displayed differ depending on the TV Set Ratio.

Note

The changed aspect ratio is applied only to current channel.

Tip

While watching TV, you can change the aspect ratio using RATIO button on the Remote Control.

Language

Select a language for the audio and menu.

Caption

Allows you to select an option for displaying Caption Data from the unit.

Mode – Select "On" to use the caption feature. If not, select "Off".

Analog – Selects a mode for displaying Analog Caption Data. In the Analog Caption Service, CC 1-4 display program's dialog, and Text 1-4 display data service information.

Digital – Selects a mode for displaying Digital Caption Data (Service 1-6).

Digital Option – Selects Digital Caption appearance menu options.
   Style: Use caption feature defaults as provided by the program or customize caption appearance with the Custom menu options.
   Size: Selects the font size.
   Font: Selects the font type.
   Text Color: Selects the font color.
   Text Opacity: Selects the font opacity.
   Bg. (Background) Color: Selects the background color.
   Bg. (Background) Opacity: Selects the background opacity.
   Edge Type: Selects the edge type.
   Edge Color: Selects the edge color.

Tip

While watching TV, you can change the caption option using CC button on the Remote Control.

Note

The changed caption options are applied only to the current channel.

Setup

9

Option Menu Features (Continued)

Auto Off

Sets a time the TV will turn off.
If you do not press any button within the preset time, this feature automatically turns the unit off. (Default: 4 hours)
If you select "Off", Auto Off is not active.

Tip

you can select a time for the Auto Off using SLEEP button on the Remote Control.

Audio Output

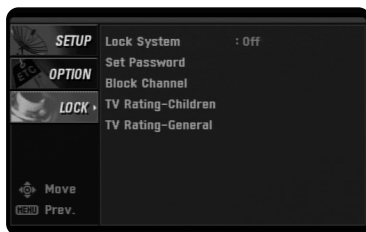Select the appropriate audio output mode of the unit depending on your TV connection.
Stereo – When your TV is connected with stereo audio cable (L/R).
Mono – When your TV is connected with mono audio cable.
Ch. 3 or 4 – When your TV is connected with RF cable.

Lock Menu Features

```
SETUP    Lock System      : Off
OPTION   Set Password
         Block Channel
LOCK ›   TV Rating-Children
         TV Rating-General

    Move
    Prev.
```

Tip

To access the LOCK menu, you must input the 4-digit password. (The default password is "0000".)

Lock System

Allows you to set up specific channels and ratings through blocking schemes. Also allows you to activate or disable all of the lock schemes previously set up. A password is required to gain access to the LOCK menus.
If the Lock System is set to Off, the Channel and Program Ratings are not functional.

Set Password

Changes the password.

1. Select the "Set Password" option then press ◉ (Select) or >.
2. Enter the new 4-digit password.
3. Enter the same password again for new password's confirm.

Block Channel

Blocks any channel that you do not want to view or that you do not want your children to watch. If you tune in a blocked channel, a black screen with a pop-up box will appear.

1. Select "Block Channel" option then press ◉ (Select) or >.
2. Select a channel then press ◉ (Select) to block or unblock the channel.
   The 🔒 mark will appear to the right of the station name to indicate the blocked channel.
3. Repeat step 2 to block or unblock additional channels on the channel list menu.

Setup

TV Rating-General

Blocks TV programs that you or your family may not wish to watch, based on the rating scheme set.

1. Select the "TV Rating-General" option then press ◉ (Select) or >.
2. Select the "Age", "Dialogue", "Language", "Sex", or "Violence" option then press ◉ (Select) or >.

    Age: Selection applies regardless of content category of rating.

    Dialogue: Selection applies if TV programs have rating for Dialogue.

    Language: Selection applies if TV programs have rating for Language.

    Sex: Selection applies if TV programs have rating for Sex.

    Violence: Selection applies if TV programs have rating for Violence.

3. Select a rating then press ◉ (Select).

    TV-G: General Audience.

    TV-PG: Parental Guidance Suggested.

    TV-14: Parents Strongly Cautioned.

    TV-MA: Mature Audience Only.

TV Rating-Children

Prevents children from watching certain children's TV programs according to the ratings limit set. This rating applies only to TV programs for children. Unless you block TV programs intended for mature audiences in the TV Rating – General menu, your children could view those programs.

1. Select the "TV Rating-Children" option then press ◉ (Select) or >.
2. Select the "Age" or "Fantasy Violence" option then press ◉ (Select) or >.

    Age: Selection applies regardless of content category of rating.

    Fantasy Violence: Selection applies if TV programs include rating for Fantasy Violence.

3. Select a rating then press ◉ (Select).

    TV-Y: All Children.
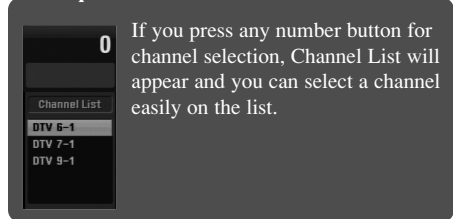
    TV-Y7: Directed toward children age 7 and older.

Setup

11

Operating

Channel Selection

You can select channels as described below.
- Use Number (0-9) and – (dash) buttons to select a channel directly.
- Press BACK to return to the previous channel you viewed.
- Use CH ∨/∧ on the Remote Control or ∨/∧ on the front panel to select a channel through the channels in memory.

Tip

0

Channel List

DTV 6–1
DTV 7–1
DTV 9–1

If you press any number button for channel selection, Channel List will appear and you can select a channel easily on the list.

Volume Adjustment

Adjusts the sound level for audio out on the unit.
- Use VOL +/– to adjust the sound level for audio out on the unit.
- Press MUTE to turn off the volume for audio out on the unit.

Caution

Removing the MUTE function may cause hearing or speaker damage if the TV volume is set too high.

Signal

You can view the signal strength bar to help you adjust the antenna to the correct direction for your location by pressing SIGNAL on the Remote Control. An audible beep accompanies the signal strength bar.

Tip

Refer to www.antennaweb.org for antenna information for your receiving location.
AntennaWeb.org, will help you determine the proper outdoor antenna to use in order to receive television channels that are broadcast locally.

Operation

Auto Off

This unit will be automatically turned off, in case of no button input for a preset time. You can set a time using the SLEEP button.
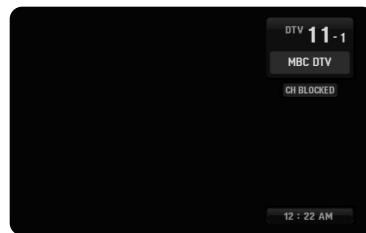If you select "Off", Auto Off is not activated.

Note

The confirm message will appear before 1 mimute from Auto Off time.

Channel Banner Display

The Channel Banner shows channel number, station name, current time, and block information for a moment.

DTV 11-1
MBC DTV
CH BLOCKED
12 : 22 AM

The Channel Banner appears whenever you tune to a new channel or press the ◉ (Select) button while viewing a program.
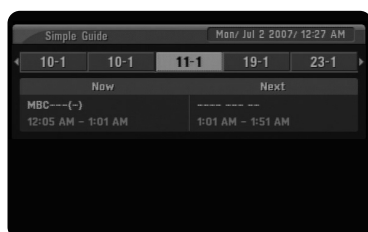
Press ◉ (Select) to disappear while the Channel Banner is displayed.

Note

- Station name and clock are displayed only if they are provided by broadcaster.
- Block Information displays such as No Signal, Rating Blocked, or Channel Blocked.

Simple Guide

Use the Simple Guide to see the informations for a current or next program easily and conveniently.

To Display or Exit the Simple Guide
Press the GUIDE button on your remote control.

To select other channel's information.
Use < / > on your remote control to navigate the Simple Guide screen.

> **Note**
>
> The channel informations in Simple Guide menu are displayed only if they are provided by broadcaster, and the informations for each channel can be received only if the unit is tuned to the channel.

Program Information Display

The Information Display appears if you press the INFO button on the remote control while viewing a program.
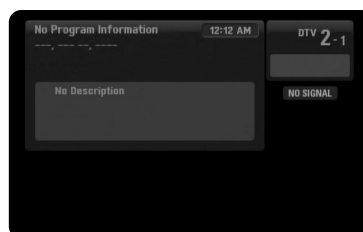
The Program Information shows items listed below.
- Program Title
- Current date
- Start and End Time
- Current time
- Channel Number
- Station Name
- Multilingual Icon (⍟)
  Indicates that multiple audio tracks are available. You can select an alternate audio language track with SAP button.
- Aspect Ratio Icon (16:9, 4:3)
  Indicates that the current program is transmitted in wide or 4:3 picture format. Press RATIO to view letterbox or cropped as desired.
- Closed Caption Icon (CC)
  Indicates that the current program contains Caption Data Service.
- Content Advisory Icon (🔒)
  Indicates that the current program contains content advisory data, and displays rating value of program.
- Program Details
  A description of the program may be available from the broadcaster

Operation

13

Troubleshooting

No power.
• Plug the power cord into the wall outlet securely.

Fragmented picture and unclear sound.
• Check your antenna input, location, and signal strength.

No picture.
• Select the Auto Tuning or Manual Scan functions if you have not already done so.
• Check to make sure all the cables are installed correctly and that the proper source is selected on your TV. For example, CH 3, CH 4, Video 1 or Video 2.
• The antenna signal strength may be low. Check the signal strength and adjust the antenna location and direction.
• For more information about connections, please refer to connections on page 6.

Normal picture but no sound.
• Check volume levels.
• Make sure the TV is not muted.
• Check that the unit is connected properly.

Picture is distorted.
• Make sure the proper aspect ratio is selected.
• Make sure the video output is connected to the TV.

Available channels are missing.
• You can find all the available channels is by running the "Auto Tuning" or "EZ Add" in the SETUP menu.

You forgot your password.
• Enter the master password "7777".

The Remote Control does not work properly.
• Point the Remote Control at the remote sensor on the unit.
• Operate the Remote Control within 23 ft (7 m).
• Remove any obstacles blocking the signal.
• Replace dead batteries with new ones.

Specifications

General

• Television System: DTV standard ATSC
• Channel Coverage: Terrestrial 2-69
• Dimensions (W x H x D):
  Approx. 8.5 x 1.8 x 6.4 inches
  (215 x 46 x 162 mm)
• Net Weight): Approx. 1.65 lbs (0.75 kg)
• Operating temperature:
  5 °C to 40 °C (41 °F to 104 °F)
• Operating humidity: 5 % to 90 %

Input/Output

• ANTENNA IN (FROM ANT.):
  Antenna input, ATSC, 75 Ω
• ANTENNA OUT (TO TV):
  Antenna output, 75 Ω,
  RF Output Channel 3 or 4 (Switchable)
• VIDEO OUTPUT:
  1.0 V (p-p), 75 Ω, negative sync,
  RCA jack x 1
• AUDIO OUTPUT:
  2.0 Vrms (1 KHz, 0 dB), 600 Ω,
  RCA jack (L, R) x 1

Accessories

• RF cable (1)
• Video cable (1)
• Audio (L/R) cable (1)
• Remote Control (1)
• Battery (size AAA) (1)
• Owner's Manual (1)

Note

Design and specifications are subject to change without prior notice.

Reference

14

Notes

Reference

Zenith Electronics, Inc.
Limited Warranty - USA

This Zenith Electronics product, will be repaired or replaced, at Zenith's option, if it proves to be defective in material or workmanship, under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

WARRANTY PERIOD:	HOW SERVICE IS HANDLED:
LABOR: 90 days from the Date of Purchase.	**Call 1-800-243-0000** for instructions on getting the defective unit repaired or replaced.
PARTS: One Year from the Date of Purchase.	**Please retain dated sales receipt and your box** to return the unit to Zenith for repair or replacement.
* Parts replaced are warranted for the remaining portion of the original warranty period.	Shipping both ways will be paid by Zenith during the first 90 days of the Warranty Period. During the remainder of the Warranty Period (91~365 days), you pay inbound shipping charges and Zenith pays return shipping charges.
	Visit our website at: http://us.lgservice.com

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. ZENITH ELECTRONICS WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL OR PUNITIVE DAMAGES OF ANY NATURE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, LOST OR CORRUPTED PROGRAMMING OR DATA, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.

THIS LIMITED WARRANTY DOES NOT APPLY TO:

• Damages or operating problems that result from shipping, installation, adjustment of user controls, calibration, maintenance or failure to maintain, or separate system components; and

• Damages or operating problems that result from normal wear and tear, misuse, abuse, operation outside environmental specifications or contrary to the requirements or precautions in the Operating Guide, accident, lightning strikes or other natural causes, unauthorized modification or alteration, incorrect electrical current or voltage, signal reception or input, software not licensed directly by Zenith, software errors that do not disable functionality, operating and software protocols adopted after the date of manufacture or for outside the US, institutional or commercial use, or other causes not arising out of defect in material or workmanship.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

CUSTOMER INTER-ACTIVE CENTER NUMBERS:

For Warranty Service, Where to buy, Product Assistance, or Customer Assistance	**Call 1-800-243-0000** (24 hours a day, 365 days per year) and select appropriate options from the menu.
	Or visit our website at **http://us.lgservice.com**