

# Sanyo DP15647 Owner's Manual

High-definition digital television

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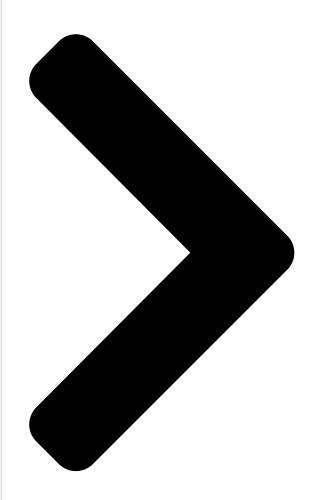
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- 1 Features
- 2 Specifications
- 3 Optional Features
- 4 Choose Your Connection
- 5 Getting Started (Required Initial Setup)
- 6 How to Operate the On-Screen Menu

# 7 All Channel Search

# Download this manual

See also: Service Manual



# **DP15647**

# **Model No:**



## Owner's Manual

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# Related Manuals for Sanyo DP15647

#### TV Sanyo DP15647 Service Manual

Remote control color telelevision (46 pages)

LCD TV Sanyo DP15647 Owner's Manual

Hdtv lcd tv (2 pages)

HDTV Sanyo DP42647 Owner's Manual

High-definition digital television (48 pages)

HDTV Sanyo DP19241 Setup Manual

19"class (18.5" diag.) led lcd 720p 60hz hdtv (2 pages)

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Sanyo owner's manual television dp19647 (46 pages)

HDTV Sanyo NET@ DP47460 Network Manual

Internet ready hdtv (20 pages)

HDTV Sanyo DP19649 Setup Manual

(2 pages)

HDTV Sanyo DS32830H Owner's Manual

Sanyo high definition color tv owner's manual ds32830h (68 pages)

# Summary of Contents for Sanyo DP15647

Page 1 We can Help! Owner's Manual Table of Contents ... 5 Frequent Asked Questions (FAQ) ... 45 © 2007 Sanyo Manufacturing Corporation...

#### Page 2: To The Owner

TO THE OWNER Welcome to the World of Sanyo Thank you for purchasing this Sanyo High-Definition Digital Television. You made an excellent choice for Performance, Reliability, Features, Value, and Styling. Important Information Before installing and operating this DTV, read this manual thoroughly. This DTV provides many convenient features and functions.

# Page 3: Important Safety Instructions

CAUTION THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUT- ING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT. RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING BACK).

Page 4 IMPORTANT SAFETY INSTRUCTIONS CAUTION: PLEASE ADHERE TO ALL WARNINGS ON THE PRODUCT AND IN THE OPERATING INSTRUCTIONS. BEFORE OPERATING THE PRODUCT, PLEASE READ ALL OF THE SAFETY AND OPERATING INSTRUCTIONS. RETAIN THIS LITERATURE FOR REFERENCE. Follow all instructions... 15. If an outside antenna is connected to the televi-

### Page 5: Table Of Contents

CONTENTS TO THE OWNER .....2 USING THE REMOTE CONTROL Remote Control Keys (functions) ....24  $\sim$  27 IMPORTANT SAFETY INSTRUCTIONS .

#### Page 6: Features

FEATURES 15" Flat Screen Channel Scan Memory Tilt Stand (Detachable) Receives 181 Analog Channels (VHF  $2\sim13$  and UHF  $14\sim69$ ; Cable  $14\sim125$ ); and 99 Digital Trilingual Menu Options (English, Spanish, or French) Channels XDS (Extended Data Services) displays station Integrated Digital/Analog Tuner call letters, title of show, and ratings when Energy Saver Mode (Backlight) broadcast...

## Page 7: Specifications

RF ANTENNA INPUT: 75 ohm—Digital/Analog with a double "Z" is a registered trademark of POWER REQUIREMENT: Source: AC 120V, 60Hz Sanyo Manufacturing Corporation. POWER CONSUMPTION: 40 Watts (Average) SOUND: Two Speakers, size:  $5 \times 9$  cm This symbol on the nameplate means the product is...

<u>Page 8</u> DTV BACK— LEFT SIDE PANEL POWER VOLUME + - CHANNEL These keys operate exactly like the Remote Control keys. (Go to page 24, for more detail information, if needed.)

<u>Page 9</u> DTV BACK— RIGHT SIDE PANEL S-Video Input (VIDEO1)—To enhance video detail use the S-Video jack instead of the Video jack, if available on your external equipment. (S-Video connection will override a connection to the Video input jack [VIDEO1]). See PAGES 19 and 21 for S-Video connection.

<u>Page 10</u> DTV BACK— RIGHT SIDE PANEL (Continued) Digital Audio Output—Use a Phono-Type Coaxial Digital Audio Out Cable to connect Digital Audio Output to an advanced stereo ® home theater system equipped with Dolby Digital 5.1. See PAGE 22 for Digital Audio Out jack connection.

#### Page 11: Optional Features

OPTIONAL FEATURES WALL MOUNTING DETACHING THE TV TILT STAND Use the threaded inserts on the back of your DTV to Tools Needed: Phillips screwdriver secure it using a wall mounting kit. (VESA standard inter- Important Note: Place DTV face down on a padded face  $100 \times 100$ .) or cushioned surface to protect the screen and finish.

# Page 12: Glossary Of Cables

GLOSSARY OF CABLES Audio Cables—Provides analog left/right 75 Ohm Coaxial Cable with F-Connector— audio your external equipment Used to connect a signal to your digital or connections. Analog RF Antenna In terminal. Coaxial Digital Audio—Use this cable to Component: Y, Pb, Pr—Use these cables to connect the DTV's digital audio output to a connect your component equipment.

#### Page 13: Choose Your Connection

CHOOSE YOUR CONNECTION This DTV is designed to handle several different connec- In order to receive the best performance from your DTV, tions making it compatible with Digital and Analog choose your connection using this chart; then go to the devices.

# Page 14: Getting Started (Required Initial Setup)

GETTING STARTED (REQUIRED INITIAL SETUP) Install batteries in remote control (2AA, not included). PRECAUTIONS Match the "+" and "-" signs on the batteries with To ensure safe operation, please observe the following marks inside the remote precautions: control. Replace both batteries at the same time. Do not use a new battery with a used battery.

Page 15 GETTING STARTED (REQUIRED INITIAL SETUP) Continued Plug AC Power Cord (supplied) into an Press the POWER key. electrical outlet as shown here. (Follow on-screen instructions). To 120 V AC outlet. Perform "All Channel Search." The All Channel Note: If EXIT is pressed, the DTV will skip Search will search for off-air digital and analog chan- Channel Search and tune to Video1...

Page 16 VIDEO2 & 3 COMPONENT JACKS: Connection Option 1 CONNECTING A SET-TOP (STB) Connect a Component Cable to the VIDEO2 Green, Press INPUT to select Video 2 to view the program. Blue, and Red video jacks. Note: VIDEO2 and VIDEO3 jacks have identical functions. Connect an Audio Cable to the matching VIDEO2 Compatible video devices can be connected to either White and Red audio jacks.

#### Page 17: Connecting A Dvd Player

VIDEO2 & 3 COMPONENT JACKS: Connection Option 2 CONNECTING A DVD PLAYER Connect a Component Cable to the VIDEO3 Green, Press INPUT to select Video 3 to view the program. Blue, and Red video jacks. Note: VIDEO2 and VIDEO3 jacks have identical functions. Connect an Audio Cable to the matching VIDEO3 Compatible video devices can be connected to either White and Red audio jacks.

<u>Page 18</u> VIDEO2 & 3 COMPONENT JACKS: Connection Option 3 CONNECTING A GAME SYSTEM onnect your game's component HD AV cable Press INPUT to select Video 2 or Video 3 to view video connectors to a set of Green, Blue, and Red the game.

Page 19 VIDEO1 COMPOSITE (ANALOG) JACKS: Connection Option 1 CONNECTING ANALOG CABLE, CABLE BOX, VCR, AND AN ANTENNA TO THE DTV Connect Analog Cable Box "Antenna Out" to the Tune VCR to channel 3 or 4 to match your Cable VCR "Antenna In." Box.

<u>Page 20</u> VIDEO1 COMPOSITE (ANALOG) JACKS: Connection Option 2 CONNECTING ANALOG CABLE, VCR, AND AN ANTENNA TO THE DTV Connect Analog Cable system to the VCR Press INPUT to select Video 1 to watch Analog "Antenna In." Cable channels OR to TV channels to watch Antenna channels.

Page 21 VIDEO1 COMPOSITE (ANALOG) JACKS: Connection Option 3 CONNECTING A DVD PLAYER TO THE DTV DTV VIDEO1 Connect DVD to the TV S-Video In Jack. Connect an Audio cable to the VIDEO1 White and Red AV jacks. S-VIDEO JACK Press INPUT to select Video1 to view the DVD program.

#### Page 22: Connecting An Av Receiver

DTV AUDIO OUT (DIGITAL) JACK CONNECTING AN AV RECEIVER TO THE DTV Connect a Coaxial Digital Audio cable from the BACK VIEW OF DTV DTV Digital Audio Output jack to a Coaxial Digital Audio In jack on an AV Receiver. Connect an Audio cable from the DTV Audio Out jacks to Audio In jacks on the AV COAXIAL CABLE...

# Page 23: Connecting A Stereo Amplifier

DTV AUDIO OUT (ANALOG) JACKS CONNECTING A STEREO AMPLIFIER TO THE DTV Connect a Stereo Amplifier to the TV Audio Out jacks as shown. BACK VIEW OF DTV Note: Do not connect external speakers directly to the DTV. OPERATING TIP: []...

#### Page 24: Remote Control Operation

REMOTE CONTROL OPERATION  $\square$  Input Key—Press to select the program source to watch: Analog Channels, Digital Channels, Video 1, Video 2, or Video 3. POINT  $\square$  TOWARDS TV Volume Keys—Press VOL – + to adjust.  $\square$  Number Keys—Press two keys to select a channel.  $\square$ ...

Page 25 REMOTE CONTROL OPERATION [] Reset Key—Press this key twice to restore factory settings. The TV will automatically start Channel Search and clear all customized settings. POINT TOWARDS Note: Channel scan memory database list of digital and analog channels will be

replaced. If desired, per- sonal settings can be made again using the menu options.

<u>Page 26</u> REMOTE CONTROL OPERATION (Continued) 

Mute Key—Press once to mute the sound. Press again to restore the sound. POINT TOWARDS TV 

Recall Key—Press to switch between the last two channels selected. The Recall key cannot toggle between a Digital channel and an Analog channel.

Page 27 REMOTE CONTROL OPERATION (Continued) 1- - Key—For Analog Cable channels above 100, press this key, then press the other two numbers. POINT TOWARDS TV Info Key—Press to display the Digital and Analog Full Banner information. The banner contains the following: program title, station ID, program rating, signal strength, channel number, tuner ID, and audio information.

## Page 28: Remote Control Keys (Functions)

DTV ADJUSTMENT AND SETUP HOW TO OPERATE THE MENU MENU NAVIGATION MAP Press the MENU key to display the Main menu. (Composite view) MAIN SUB MENUS se the CURSOR LM keys to highlight menu item. All Channel Search < > Use the CURSOR keys to select or adjust menu item.

<u>Page 29</u> MENU OPTION— ALL CHANNEL SEARCH Use the CURSOR M key to select Yes. Press ENTER. The All Channel Search will search for off-air digital and analog channels, and analog cable channels. The DTV can receive cable or off-air channels, but not at the same time.

<u>Page 30</u> MENU OPTION— DIGITAL CABLE SEARCH (Optional) Use the CURSOR M key to select Yes. Press This DTV can receive unscrambled (ClearQAM) digital ENTER. cable channels, when available. However, not all cable companies provide ClearQAM digital channels. Digital Cable Search process will take about 10 minutes, please be patient.

<u>Page 31</u> MENU OPTION— DIGITAL ADD-ON SEARCH Use the CURSOR M key to select Yes. Press To add new digital channels to the existing antenna channel database, use Digital Add-on Search. Also, use ENTER. this feature to add channels when broadcast towers are in multiple directions from your location.

## Page 32: Analog Antenna Signal (Optional)

MENU OPTION— ANALOG ANTENNA SIGNAL (Optional) Use the CURSOR LM keys to choose Cable or Use this feature to switch between analog off-air channels and analog cable channels. VHF/ UHF. Press ENTER. Tune to an Analog Channel. Press the MENU key to display the Main menu. Use the CURSOR LM keys to highlight Analog Antenna Signal.

Page 33 MENU OPTION— CHANNEL SCAN MEMORY Use the CHANNEL (CH LM) keys or numerical DELETING ANALOG OR DIGITAL 0  $\sim$  9 keys to select desired channel. CHANNELS FROM MEMORY Press the ENTER key to delete the channel. The display will change to "deleted." Channel Scan Memory is a list of active channels that you can scan through using the Channel Scan CH L (up) CH M (down) keys.

<u>Page 34</u> MENU OPTION— CHANNEL SCAN MEMORY Use the CHANNEL (CH LM) keys or numerical ADDING DIGITAL OR ANALOG 0  $\sim$  9 keys to select desired channel. CHANNELS TO MEMORY Press the ENTER key to add the channel. The display will change to "added." Channel Scan Memory is a list of active channels that you can scan through using the Channel Scan CH L (up) CH M (down) keys.

## Page 35: Digital Caption

MENU OPTION— DIGITAL CAPTION <> Use the CURSOR keys to select the desired Closed-Captioning is text information transmitted effect. along with the picture and sound. Turning Captioning ON causes the DTV to open these captions (digital or analog) and superimpose them on the screen. (Local broadcasters decide which caption signals to transmit.) Digital Captions can be changed using the menu settings as shown.

#### Page 36: To View Captions

MENU OPTION— DIGITAL CAPTION (Continued) TO VIEW CAPTIONS Press the CAPTION key to select caption modes. Analog modes: CC1 through CC4, Digital modes: Digital CC1 through Digital QuikCap, and Off. CC6, QuikCap, and Off. CAPTION HELP HINTS (PROBLEMS/SOLUTIONS) SYMPTOM CHECK THESE CONDITIONS TRY THESE SOLUTIONS NO Captioning Check if station is

#### Page 37: V-Guide (Parental Control)

Use this feature to automatically block programs with content you deem as inappropriate for children to view. This Sanyo television is equipped with an electronic V-Chip to interpret MPAA (Motion Picture Association of America) and TV Parental Guidelines rating codes. When...

#### Page 38: On-Screen View Of Blocked Tv Program

MENU OPTION— V-GUIDE (PARENTAL CONTROL) Continued ON-SCREEN VIEW OF BLOCKED TV TO UNBLOCK ALL MOVIE OR ALL PROGRAM TV RATING Press the MENU key to display the Main menu. Use the CURSOR LM keys to highlight V-Guide. Press ENTER Press to select Adjust.

#### Page 39: Mpaa Movie Ratings (Age-Based)

MENU OPTION— V-GUIDE (PARENTAL CONTROL) Continued TV RATINGS (AGE/CONTENT-BASED) MPAA MOVIE RATINGS (AGE-BASED) GENERAL AUDIENCES—All ages admitted. ALL CHILDREN—Program is designed to be appropriate for children ages 2-6. PARENTAL GUIDANCE SUGGESTED—Some DIRECTED OLDER CHILDREN— material may not be suitable for children. Program is designed for children 7 and above.

Page 40 MENU OPTION— PICTURE/SOUND Press the MENU key to display the Main menu. CURSOR keys highlight Picture/Sound. Press ENTER. Use the CURSOR LM keys to highlight Auto (factory preset settings) or Manual. Press ENTER. MANUAL ADJUSTMENTS Use the CURSOR LM keys to select the option you want to adjust.

<u>Page 41</u> MENU OPTION— PICTURE/SOUND (Continued) MANUAL ADJUSTMENTS (CONTINUED) Use the CURSOR LM keys to select the option you want to adjust. < > Then use the CURSOR keys to make an adjustment. HELP HINTS (PROBLEMS/SOLUTIONS) SYMPTOM CHECK THESE CONDITIONS TRY THESE SOLUTIONS No picture, sound Weak Signal.

#### Page 42: Menu Language

MENU OPTION— MENU LANGUAGE Press the MENU key to display the Main menu. Use the CURSOR LM keys to highlight Menu Language. Press ENTER. Use the CURSOR LM keys to select English, Español, or Français.

#### Page 43: Energy (Power) Saver

MENU OPTION— ENERGY (POWER) SAVER Use the CURSOR LM keys to highlight This power saving feature reduces the brightness level. desired option. The power saving function options:

• OFF - the feature is off and the power consumption is normal. •...

#### Page 44: Glossary Of Terms

GLOSSARY OF TERMS Analog—Commonly refers to the current NTSC transmission Letter Box—This term is used to describe a 16:9 ratio image being standard for televisions. displayed on a 4:3 ratio display device. Black bands appear at the top and bottom of the screen. Aspect Ratio—The ratio of the width to the height of a TV screen independent of the screen size (x units wide by x units high).

Page 45 5. I'm connected to a satellite system. How do I get my television to go to channel 73? 13. Where is the code for a Sanyo television to program into my universal remote? Turn on the satellite receiver then press the RESET key on the remote twice to begin a channel search.

#### Page 46: Warranty

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OBLIGATIONS For one year from the date of purchase, Sanyo Manufacturing Corporation warrants this product to be free from defects in material and workmanship under normal use and conditions. During the first 90 days under this warranty for any manufacturing defect or malfunction Sanyo Manufacturing Corporation will provide a new TV via exchange at the retailer.