



# Sanyo DRW-500 Instruction Manual

Dvd video recorder



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Troubleshooting

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# INSTRUCTION MANUAL

## DVD Video Recorder

### SANYO'S HELP LINE

Call the toll-free number below if you have any difficulties operating this product.

1-800-813-3435 (Weekdays: 7:30 AM - 4:00 PM Central Time)

### Please Read This Manual.

We recommend that you read this manual carefully before connecting your DVD Video Recorder and operating it for the first time.

Keep the manual in a safe place for future reference.

1AD6P1P2047--A DRW-500, Issue Number 2

# DRW-500



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### [DVD Recorder Sanyo DRW-500 Quick Manual](#)

Dvd video recorder (4 pages)

### [DVD Recorder Sanyo DVR-S120 Instruction Manual](#)

Sanyo dvd recorder instruction manual (40 pages)

### [DVD Recorder Sanyo DRW-1000 Instruction Manual](#)

Dvd video recorder & 4 head hi-fi stereo vcr (59 pages)

### [DVD Recorder Sanyo DVR-500 Instruction Manual](#)

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### [DVD Recorder Sanyo DVR-SD450 Operating Instructions Manual](#)

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### [DVD Recorder Sanyo DVR-DX600 Service Manual](#)

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### [DVD Recorder Sanyo DVR-DX600 Instruction Manual](#)

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### [DVD Recorder Sanyo HVR-DX625H Instruction Manual](#)

Dvd recorder+vcr (61 pages)

### [DVD Recorder Sanyo HVR-DX610 Service Manual](#)

Dvd recorder + vcr (20 pages)

### [DVD Recorder Sanyo HVR-DX610 Service Manual](#)

Dvd recorder + vcr (62 pages)

### [DVD Recorder Sanyo VA-EXD1B Instruction Manual](#)

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### [DVD Recorder Sanyo FWZH776F Owner's Manual](#)

Hd dvr & dvd recorder with digital tuner (84 pages)

### [DVD Recorder Sanyo HVR-DX700 Instruction Manual](#)

Hdd/dvd recorder (61 pages)

## Summary of Contents for Sanyo DRW-500

### [Page 1: Dvd Video Recorder](#)

Please Read This Manual. We recommend that you read this manual carefully before connecting your DVD Video Recorder and operating it for the first time. Keep the manual in a safe place for future reference. 1AD6P1P2047--A DRW-500, Issue Number 2 DRW-500 © English...

### [Page 2: Table Of Contents](#)

Important Safety Instructions ... E2 Safety Certification ... E4 Accessories ... E4 Controls ... E5 Remote Control ... E6 For Safe and Efficient Operation ... E7 Basic Connection ... E8 Before Connection ... E8 Step 1: Connecting the Antenna Cable ... E8 Step 2: Connecting the Video Cable ...

### [Page 3: Important Safety Instructions](#)

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

[Page 4](#) 15. Outdoor Antenna Grounding – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge...

### [Page 5: Safety Certification](#)

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAUTION: Changes or modifications not expressly approved by Sanyo may void the user's authority to operate this equipment. RB-DRW500 wireless remote control REMOTE CONTROLLER RB-DRW500...

### [Page 6: Controls](#)

Front Panel 1. Power button (POWER) 2. Disc tray 3. Open/Close button (q OPEN/CLOSE) 4. FL display 5. Record mode button (REC MODE) 6. TV channel scanning button (- CHANNEL +) 7. Skip/Next/Previous buttons (f, e) 8. Stop button (n) FL Display RW TITLE sDIGITAL...

### [Page 7: Remote Control](#)

Inserting batteries Two "AA" batteries (supplied) Note: Remove the batteries if the remote control is not to be used for a month or more. Batteries left in the unit may leak and cause damage. IMPORTANT NOTE: SPENT OR DISCHARGED BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY IN COMPLIANCE WITH ALL APPLICABLE LAWS.

### [Page 8: For Safe And Efficient Operation](#)

(below 40°F (5°C) or exceeding 95°F (35°C)), or where it may be exposed to direct sunlight. • Because of the DVD recorder extremely low noise and wide dynamic range, there is a tendency to set the volume on the amplifier higher than necessary. Doing so may produce an excessively high output from the amplifier which can cause damage to your speakers.

### [Page 9: Basic Connection](#)

If you are not sure about the connection, please consult your audio/video dealer. Need help? Call 1-800-813-3435 Example: Basic Antenna/Cable connections (Page E9) Example: Connecting a Cable Box (Page E10) CAUTION: Do not connect the antenna and VCR as shown below. Your VCR doesn't work. DVD recorder DVD recorder -E8...

[Page 10](#) Example: Basic Antenna/Cable Connections DVD recorder (Partial back panel) 75-ohm coaxial antenna cable (not supplied) Cable TV wall jack 1. Connect an antenna (or a cable TV system) to the unit. 2. Set the RF OUTPUT CHANNEL switch to "3" or "4".

[Page 11](#) • Recording one channel while watching another channel is not possible. Cable box (not supplied) CATV 75-ohm coaxial antenna cable (not supplied) DVD recorder (Partial back panel) ANTENNA VHF/UHF ANTENNA 75-ohm coaxial antenna cable (supplied) Example: Connecting a cable box with only a few scrambled channels Use this connection if your cable system scrambles only a few channels.

### [Page 12: Step 2: Connecting The Video Cable](#)

Connect the right (red) and left (white) plugs of the Audio/Video cable to the audio input jacks (see page E12). AV 1 IN VIDEO ANTENNA COMPONENT VIDEO OUT S-VIDEO AUDIO DVD recorder (Partial back panel) To VIDEO OUT jack (Yellow) Audio/Video cable (supplied) Example: Connecting to the S-VIDEO OUT jack Connect the S-video cable (not supplied) as shown below.

### [Page 13: Step 3: Connecting The Audio Cables](#)

(If the TV has an antenna input jack only, skip this step.) Note: For VIDEO connection, see page E11. Example: Connecting to your TV (or Audio System) The built-in speakers in your TV will sound. DVD recorder (Partial back panel) VIDEO COMPONENT VIDEO OUT DIGITAL S-VIDEO AUDIO...

[Page 14](#) AUDIO OUT jack VIDEO DIGITAL S-VIDEO AUDIO AUDIO DVD recorder (Partial back panel) Before connecting, remove the protective cap from the jack. Replace the cover when the jack is not in use. To enjoy Dolby Digital or DTS sound Set "Digital Out" to "ON" in "Audio

Setup" screen. See page E31.

### [Page 15: Step 4: Connecting The Power Cord](#)

Step 4: Connecting the Power Cord Connect the power cord to a 120VAC 60Hz outlet. This unit is equipped with a polarized plug. If you have difficulty inserting the plug, turn it over and reinsert it. If the unit will not be used for a long time, disconnect the AC plug from the AC outlet.  
Notes: •...

### [Page 16: Connecting A Vcr Or Similar Recording Equipment To This Unit](#)

VIDEO ANTENNA COMPONENT VIDEO OUT S-VIDEO AUDIO DVD recorder (Partial back panel)  
CAUTION: Almost all videos and DVD softwares on sale have a copy- protection. You cannot record them using this unit. Video Games cannot be recorded. To AV output jacks...

[Page 17](#) • Do not connect the video (yellow) jack when using an S-video cable (not supplied).  
• If you pass the DVD recorder signals via the VCR, you may not receive a clear image on the TV screen. INPUT JACKS OUTPUT...

### [Page 18: Connecting To A Satellite Receiver Or A Cable Box](#)

To AV output jacks \*Audio/Video cable (not supplied) To AV1 IN jacks AV 1 IN VIDEO VIDEO ANTENNA COMPONENT VIDEO OUT S-VIDEO AUDIO S-VIDEO DVD recorder (Partial back panel)  
\*Please consult your local audio/video dealer. -E17- DIGITAL AUDIO AUDIO Need help? Call 1-800-813-3435...

### [Page 19: Setting The Clock](#)

1. Press [POWER] to turn on the power. • "POWER ON" appears briefly on the FL display. • "SANYO" logo appears on the TV screen. 2. Press [SETUP] in "NO DISC" mode. "Menu" screen appears on the TV screen. Menu...

### [Page 20: Tuner Setting](#)

This unit is equipped with a channel memory feature which allows channels to skip up or down to the next channel set into memory, skipping over unwanted channels. Before selecting channels, they must be programmed into the memory. In addition to normal VHF and UHF channels, this unit can receive up to 125 Cable TV channels.

[Page 21](#) Auto CH Scan 1) Select "Auto CH Scan". Recording Setup Record Mode Auto Chapter Auto CH Scan Set Clock Channel List Channel Setup Modify Channel Tuner Select MTS Select Press SETUP to exit 2) Press [ENTER] (or [a]). A message screen appears. Auto Chapter Auto CH Scan Set Clock...

[Page 22](#) Modify Channel 1) Select "Modify Channel". Recording Setup Record Mode Auto Chapter Auto CH Scan Set Clock Channel List Channel Setup Modify Channel Tuner Select MTS Select Press SETUP to exit 2) Press [ENTER] (or [a]). "CATV Modify Channel" or "TV Modify Channel" screen appears.

### [Page 23: Before Initial Setting](#)

• "POWER ON" appears briefly on the FL display. • "SANYO" logo appears on the TV screen. 2. Press [SETUP] in "NO DISC" mode or full stop mode. "Menu" screen appears on the TV screen. 3. Press [p] (or [o]) to select the desired menu and go to the reference page.

### [Page 24: Initial Settings](#)

Recording Setup This is a setup for recording on a DVD+RW or DVD+R disc. Preparations (Recording Setup ---> Record Mode & Auto Chapter) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup Record Program DVD Control Setup Menu General...

### [Page 25: Setting "Auto Chapter](#)

Setting "Auto Chapter" When recording starts, the chapters in the title are made automatically on the disc by this setting. 1. Select "Auto Chapter". Recording Setup Record Mode Auto Chapter 4 Min. Set Clock 10 Min. Channel Setup 20 Min. 30 Min.



## [Page 26: Dvd Control](#)

DVD Control This is a setup for playing back DVD-Video discs. Preparations (DVD Control ---> Disc Menu, Angle Mark, Audio, Subtitle & Parental Control) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup Record Program DVD Control Setup Menu General...

## [Page 27: Setting "Angle Mark](#)

Setting "Angle Mark" To show the angle mark when playing back DVD-Video discs (recorded with multi-angle), select this setting. 1. Select "Angle Mark". DVD Control Setup Disc Menu Angle Mark Audio Subtitle Parental Control Press SETUP to exit Current selection 2.

## [Page 28: Setting "Parental Control](#)

Setting "Parental Control" Notes: • "Password" is set to "0000" before shipping from the factory. • You may need extra instructions during the setting. If a message appears, please follow the instructions displayed on the TV screen. 1. Select "Parental Control". Menu Disc Menu Angle Mark...

[Page 29](#) Set Password 1) Select "Set Password". 2) Press [ENTER] (or [a]). "Parental Control Set" screen appears. Parental Control Set Password Delete Clear 0 1 2 3 4 5 6 7 8 9 u v w x y z Space Done Back Press SETUP to exit Note:...

## [Page 30: General](#)

General This is on-screen language setting. In this instruction manual, the language in on-screen display is English. If you change the language, please follow the selected language in on-screen display. Preparations (General ---> Menu Language) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup...

## [Page 31: Video](#)

Video In this section, select the playback picture size according to the aspect ratio of the TV, Preparations (Video ---> TV Display) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup Record Program DVD Control Setup Menu General Video...

## [Page 32: Audio](#)

Audio Preparations (Audio ---> Digital Out & DRC) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup Record Program DVD Control Setup Menu General Video Audio AV Select Press SETUP to exit 2. Press [ENTER] (or [a]). "Recording Setup"...

## [Page 33: Av Select](#)

AV Select When the 1st AV input (AV1 IN) or 2nd AV input (AV2 IN) jacks are connected, you must set as follows: Preparations (AV Select ---> AV1 Select & AV2 Select) 1. Select "Setup Menu" in "Menu" screen. See page E22. Menu Play/Edit Disc Recording Setup...

## [Page 34: Record Status](#)

Record Status The program timer switches the unit on and off to record a TV program at a preset time. You can program a total of 15 times slots to be recorded, during the next one-year period. These settings are retained in the program memory and will repeat as long as a recordable disc is loaded in the unit.

## [Page 35: Setting "Record Day](#)

Setting "Record Day" 1. Select "Record Day". Example: Record Show Verify the settings. Press ENTER to edit. Start Record Time 21:30 22:00 Record Day 2004/05/01 Input Source Tuner Record Mode Title 20040501 Press SETUP to exit Done Cancel 2. Press [ENTER]. The calendar screen appears.

## [Page 36: Setting "Input Source](#)

Setting "Input Source" 1. Select "Input Source". Example: Record Show Verify the settings. Press ENTER to edit. Start Record Time 21:30 22:00 Record Day 2004/05/03 Input Source Tuner Record Mode Title 20040503 Press SETUP to exit Done Cancel 2. Press [ENTER]. "Input

Source”...

### [Page 37: Setting "Record Mode](#)

Setting “Record Mode” 1. Select “Record Mode”. Example: Record Show Verify the settings. Press ENTER to edit. Start Record Time 21:30 22:00 Record Day 2004/05/03 Input Source Tuner Record Mode Title 20040503 Press SETUP to exit Done Cancel 2. Press [ENTER]. “Quality” ...

### [Page 38: Record List](#)

8. Press [ENTER]. “Title” screen returns. The new title name appears. Example: Record Show Press ENTER to edit. The title is generated based on the date you set. Title love Done Back Press SETUP to exit 9. Press [a] to select “Done”. 10.

### [Page 39: Disc Information](#)

Macrovision Corporation. Reverse engineering or disassembly is prohibited. Important Note: SANYO takes no responsibility for recording failure due to power cuts, defective discs, or damage to the unit, etc. -E38-...

[Page 40](#) Region Number (DVD-Video disc only) Region number (Regional restriction code) is built-in to the unit and DVD-Video discs. Region number “1” or “ALL” of DVD-Video discs can be used on this unit. DVD-Video Disc DVD-Video discs are divided into titles, and the titles are subdivided into chapters.

### [Page 41: Recording](#)

Please wait until “CLOSE” ---> “DISC LOADING” ---> “STOP” disappears on the TV screen. • If a blank disc is used for first time, “SANYO” logo screen remains. • If the disc is recorded once before, a title menu screen may appear.

### [Page 42: Recording Tv Programs](#)

Recording TV Programs • Before pressing [TV], select the Record Mode (“HQ”, “SP” “LP”, “EP” or “EP+”) first. See the previous page. 1. Press [TV] to receive the TV program. “MONITOR” appears briefly on the TV screen. 2. To select the channel, do one of the following: •...

[Page 43](#) To watch another TV while recording Press [TV/DVD] repeatedly to select “ANTENNA SOURCE TV” on the TV screen. • “TV” appears on the FL display. Use your original TV remote control to select the channel on your Note: If you do not want to watch TV while recording, you can turn off the TV.

### [Page 44: Timer Recording](#)

Timer Recording Note: This unit uses the International Time System (24-hour display). Therefore the unit does not have Daylight Saving Time (DST) function. You must set the clock when summer switches to winter and vice versa. See page E18. 1. Set the program(s) first. (See “Record Status”...

### [Page 45: Disc Playback](#)

Important Note: • This instruction manual explains the basic instruction of this unit using the remote control unit. • Some DVD-Video discs have different functions that may not be explained in this instruction manual. You may need extra instructions. In this case, please follow the instructions displayed on the TV screen or jacket or case of the disc.

### [Page 46: Basic Playback](#)

Basic Playback Notes: • Do not touch the disc tray while it is moving. • Never place anything except a disc on the disc tray. Foreign objects can damage the unit. • Do not apply excessive force to the disc tray. •...

### [Page 47: Selecting A Top Menu](#)

Selecting a Top Menu Notes: • The operation may differ depending on the disc used. • Selecting a menu may not be possible on some discs. 1. Press [TOP MENU]. The menu screen will appear (if the disc contains it). 2.

## [Page 48: Time Search \[Cd\]](#)

Time Search [CD] 1. Press [SEARCH MODE] once during playback. "GOTO --:--" appears on the TV screen. 2. Press the number button(s) to enter the time. Example: 2 minutes 5 seconds: Press [0], [2], [0], then [5]. 42 minutes 39 seconds: Press [4], [2], [3], then [9].

## [Page 49: Picture Zoom](#)

Picture Zoom Press [ZOOM] during normal/slow playback or still picture. The central part of the picture is magnified, and "ZOOM X 1.5" appears on the TV screen. • Each time you press [ZOOM], the zoom mode will be changed as follows: ZOOM X 1.5 v ZOOM X 2 v ZOOM X 3 v ZOOM OFF •...

## [Page 50: Selecting Subtitle Language](#)

Selecting Subtitle Language This operation works only with discs on which multiple subtitle languages are recorded. Press [SUBTITLE] repeatedly during playback until the desired subtitle language appears on the TV screen. Example: SUBTITLE 01/03 : ENGLISH After a few seconds, it disappears. Notes: •...

## [Page 51: Shuffle Playback \[Cd\]](#)

Shuffle Playback [CD] 1. Press [SHUFFLE] in the stop mode. • "SHUFFLE ON" appears briefly on the TV screen. • "SHUFF" appears on the FL display. 2. Press [a] (Play) to start shuffle playback. The unit will automatically select tracks at random. Note: To stop shuffle playback, press [n], and then press [SHUFFLE].

## [Page 52: Mp3 Cd Operation](#)

• Customers should also note that permission is required in order to download MP3 files and music from the Internet. SANYO has no right to grant such permission. Permission should always be sought from the copyright owner. Important Note: If "...

## [Page 53: Pause](#)

Pause Press [k] during playback. • "Pause" appears on the TV screen. • "k" appears on the FL display. Note: The sound is muted. Press [a] (Play) (or [k]) to return to normal playback. File Skip Skipping forward Press [e] during playback to skip to the next file. "Next"...

## [Page 54: Picture Disc Operation](#)

PICTURE DISC OPERATION KODAK Picture CD Playback With KODAK Picture CD, it's easy to turn film into pictures you can email from your PC and view on this unit! Just bring your film in for processing, and check the box for KODAK Picture CD.

## [Page 55: Jpeg Cd Playback](#)

JPEG CD Playback You can also view digital images from JPEG files on disc created by your computer. • It would take 30 seconds or more for this unit to read the JPEG files depending on its structure. • Some JPEG files cannot be played back depending on the recording conditions.

## [Page 56: Editing](#)

1. Load a DVD+RW or DVD+R disc (label facing up) to be edited, and then press [n] twice. (Please refer to "Basic Playback" on page E45.) "SANYO" logo screen remains. 2. Press [SETUP]. "Menu" screen appears on the TV screen.

[Page 57](#) TITLE DELETE [DVD+RW] Note: Select the title first. See the previous page. 1) Select "TITLE DELETE". Disc: Untitled Disc 04 Titles PLAY TITLE TITLE DELETE TITLE RENAME 01 Untitled 02 Untitled 03 Untitled 03:25 SP 02:28 HQ 03:21 SP CANCEL 05/01/04 05/01/04 05/01/04...

## [Page 58: Edit Disc](#)

Check carefully before proceeding. Note: If it is a title menu screen, press [n] twice. Edit Disc 1. Select "Edit Disc" in "Menu" screen. (See page E55.) Menu Play/Edit Disc Play/Edit Titles Record Program Edit Disc Setup Menu Press SETUP to exit 2.

[Page 59](#) Rename Disc [DVD+RW] [DVD+R] You can enter up to 10 characters for a disc name. 1) Select "Rename Disc". 2) Press [ENTER]. "New Disc Name" screen appears. Disc

Operations New Disc Name : Delete Clear 0 1 2 3 4 5 6 7 8 9 u v w x y z Space Done...

### [Page 60: Troubleshooting Guide](#)

TROUBLESHOOTING GUIDE If you have followed the instructions and are having difficulty operating the unit, locate the SYMPTOM in the left column below. Check the corresponding POSSIBLE CAUSE and CORRECTIVE ACTION columns to locate and remedy the problem. Power SYMPTOM The power cord is not connected.

[Page 61](#) Should this product require service, refer to the SANYO AUDIO/ VIDEO limited warranty. If you do not have a convenient SANYO service station nearby, contact the SANYO dealer where you purchased the unit. Be sure to give the model number and explain the problem. The dealer will advise you how to obtain service.

### [Page 62: Maintenance](#)

24-hour system Timer 1 year/15-event programmable IMPORTANT INFORMATION Because its products are subject to continuous improvement, Sanyo reserves the right to modify product designs and specifications without notice and without incurring any obligation. MAINTENANCE Cleaning the cabinet Use a clean soft cloth moistened with plain lukewarm water and wrung dry.

### [Page 63: Warranty](#)

Acts of God, or normal wear and tear. The foregoing is in lieu of all other express warranties and SANYO does not assume or authorize any party to assume for it any other obligation or liability.

[Page 64](#) SANYO Electric Co., Ltd. Printed in China...