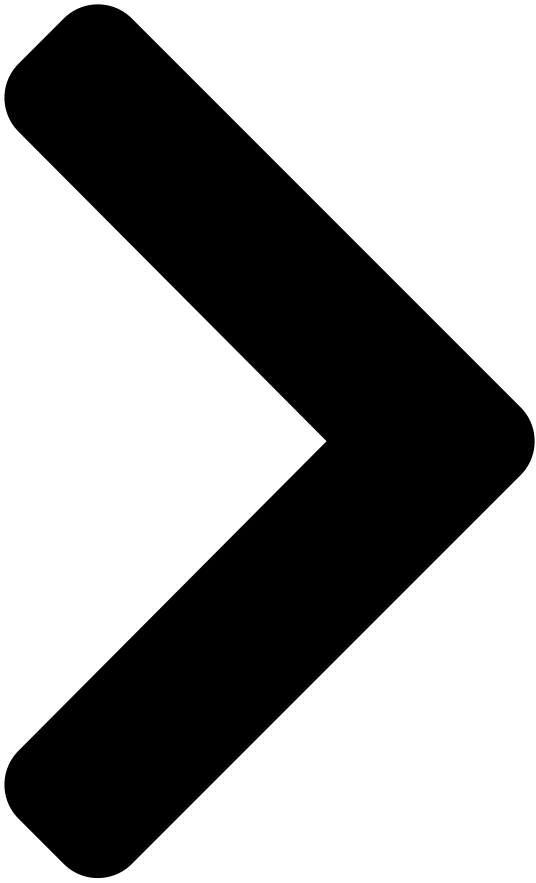




Sanyo PLC-XR70N Owner's Manual

Multimedia rear-projection display



Multimedia Rear-Projection Display

PLC-XR70N

MODEL

Owner's Manual

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Related Manuals for Sanyo PLC-XR70N

[Projection TV Sanyo 710-00792-1 Installation Manual](#)

Rear projection display (8 pages)

[Projection TV Sanyo PLV-65WHD1 Owner's Manual](#)

Hd pro series wide screen lcd projection tv (35 pages)

[Projection TV SANYO PLV-55WHD1 Service Manual](#)

Hd pro series lcd projection tv (48 pages)

[Projection TV SANYO PLV-55WHD1 Service Manual](#)

Lcd projection tv hd pro series (53 pages)

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Lcd hd pro series (176 pages)

[Projection TV Sanyo PLV-55WR1Z Service Manual](#)

Lcd projection tv (136 pages)

[Projection TV Sanyo PLV-45WR1Z Owner's Manual](#)

Lcd projection tv (72 pages)

Summary of Contents for Sanyo PLC-XR70N

[Page 1](#) Multimedia Rear-Projection Display PLC-XR70N MODEL Owner's Manual...

[Page 2: Safety Precautions](#)

INFORMATION TO THE USER NOTE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment 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.

[Page 3: Important Safety Instructions](#)

IMPORTANT SAFETY INSTRUCTIONS All the safety and operating instructions should be read before the product is operated. Read all of the instructions given here and retain them for later use. Unplug this projector from AC power supply before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

[Page 4: Table Of Contents](#)

TABLE OF CONTENTS FEATURES AND DESIGN INSTALLATION INSTALLING THE PROJECTOR PREPARING THE REMOTE CONTROLS NAME OF EACH PART OF THE PROJECTOR CONNECTING TO THE AC POWER CORD CONNECTING THE PROJECTOR TERMINALS OF THE PROJECTOR CONNECTING TO THE COMPUTER CONNECTING TO THE VIDEO EQUIPMENT BEFORE OPERATION CONTROLS AND INDICATORS OPERATION OF THE REMOTE CONTROLS...

[Page 5: Features And Design](#)

Apple Macintosh and PowerBook computers up to 1280 1024 resolution. | Various VCRs, video disc players, video cameras, DVD players, satellite TV tuners or other AV equipment using any of the world wide video standards, including NTSC, NTSC4.43, PAL, SECAM, PAL-M and PAL-N.

[Page 6: Installation](#)

INSTALLATION INSTALLING THE PROJECTOR Contact the sales dealer and request to install this projector. For installing this appliance properly, technical services are required. Any person who is not familiar with technical terms and skills, should not attempt to install. This projector should

be installed referring to the Installation Manual separately attached. Caution for Installation
When installing and placing this projector, please observe the following precautions: | Install the projector by two people.

[Page 7: Care And Cleaning](#)

CAUTION FOR INSTALLATION OF THE PROJECTOR When using or installing the projector, following attention should be taken: | We recommend to avoid dusty / smoky place for operating the projector. . When using under the dusty or smoky conditions, dust may accumulate on the LCD panel and Lens inside it, and may be projected on the screen together with the picture.

[Page 8: Preparing The Remote Controls](#)

INSTALLATION PREPARING THE REMOTE CONTROLS Remote Control Battery Installation
WIRELESS REMOTE CONTROL UNIT Remove the battery compartment lid. Press the lid downward and slide it. WIRELESS/WIRED REMOTE CONTROL UNIT Remove the battery compartment lid. Press the lid downward OPEN and slide it. Slide the batteries into the compartment.

[Page 9](#) Caution for handling Remote Control Units When operating the Remote Control Units, please observe the following precautions: | Avoid contact with water. | Do not expose the Remote Control Units to moisture, or heat. | Do not drop the Remote Control Units. Caution for handling batteries Install batteries properly to match the "+"...

[Page 10: Name Of Each Part Of The Projector](#)

INSTALLATION NAME OF EACH PART OF THE PROJECTOR PROJECTION SCREEN Do not touch the surface of the screen directly . SPEAKERS FRONT TERMINAL Refer to page 12 for details.
CASTER POWER CORD CONNECTOR Connect the AC Power Cord to this terminal. Refer to page 11 for installation.

[Page 11: Connecting To The Ac Power Cord](#)

CONNECTING THE AC POWER CORD This projector uses nominal input voltages of 100 ~ 120 V AC. It is designed to work with single-phase power systems having a grounded neutral conductor. To reduce the risk of electrical shock, do not plug into any other type of power system.

[Page 12: Connecting The Projector](#)

CONNECTING THE PROJECTOR TERMINALS OF THE PROJECTOR This projector has various kind of terminals to connect with peripheral equipment. Connect the projector with these equipment before turning them on. (Refer to page 14 ~ 17 for connection.) COMPUTER IN 1 Connect the Computer output to this terminal.

[Page 13](#) COMPUTER IN Terminal : HDB15-PIN Connect the display output terminal of the computer to the projector with the VGA Cable (supplied). When connecting the Macintosh computer MAC/VGA Adapter is required. CONTROL PORT Terminal : MULTI-POLE 12-PIN When controlling the computer with the projector's Wireless Remote Control Unit, connect control port (PS/2, Serial or ADB...

[Page 14: Connecting To The Computer](#)

CONNECTING THE PROJECTOR CONNECTING TO THE COMPUTER CONNECTING THE IBM-COMPATIBLE COMPUTER VGA CABLE (Supplied) Connect to FRONT TERMINAL or REAR TERMINAL
FRONT TERMINAL To COMPUTER IN 2 terminal COMPUTER IN 2 COMPUTER IN 3 To connect with the IBM-compatible computer, refer to the figure below. Use Cables and Adapter indicated below.

[Page 15](#) CONNECTING THE MACINTOSH COMPUTER To connect with the Macintosh computer, refer to the figure below. Use Cables and Adapter indicated below. · VGA CABLE (supplied) · VGA/MAC ADAPTER (supplied) · MOUSE CABLE FOR ADB PORT (supplied) · AUDIO CABLE (not supplied) MAC/VGA AUDIO ADAPTER...

[Page 16: Connecting To The Video Equipment](#)

Refer to the figure below for connecting the video equipment like VCR, video disc player, video camera, satellite TV tuner or other video equipment. u The Video input includes S-VIDEO Jacks

to allow connection to an S-VHS format VCR. The S-VIDEO jack has priority over the VIDEO jack.

[Page 17](#) **CONNECTING THE COMPONENT VIDEO EQUIPMENT** Refer to the figure below to connect the component video output equipment like DVD player. VIDEO AUDIO C/Cb Video/Audio cable (not supplied) REAR TERMINAL Connect to FRONT TERMINAL or REAR TERMINAL FRONT TERMINAL CONNECTING THE PROJECTOR To VIDEO IN 1 terminal CONTROL PORT 1 AUDIO 1...

[Page 18: Before Operation](#)

BEFORE OPERATION CONTROLS AND INDICATORS CONTROLS OF FRONT PANEL (Within Right Door) FINE SYNC BUTTON MODE BUTTON Used to adjust Used to select input Fine Sync. source. (Computer (Refer to page 30.) 1~3, Video 1~3) (Refer to page 26 and 34.) FINE SYNC VOLUME BUTTON NORMAL BUTTON...

[Page 19](#) **Indicators and Remote Receiver LAMP REPLACEMENT INDICATOR** Light turns to yellow when the life of a projection lamp draws to an end. (Refer to Page 42.) **TEMPERATURE WARNING INDICATOR** Flashes red when internal projector temperature is too high. LAMP WARNING READY LAMP REPLACE...

[Page 20: Operation Of The Remote Controls](#)

BEFORE OPERATION OPERATION OF THE REMOTE CONTROLS This remote control unit is not only able to operate the projector but also usable as a wireless mouse for a PC. One pointing pad and two click buttons are used for wireless mouse operation. Wireless mouse is usable when PC mouse pointer is displayed on the screen, the wireless mouse cannot be used when the On-Screen Menu is displayed.

[Page 21](#) **Wireless/Wired Remote Control Unit** When the Remote Control Unit cannot be pointed at the Infrared Remote Receiver, connect the Wired/Wireless Remote Control Unit to the projector with the Remote Control Cable(supplied). **WIRED REMOTE JACK** When using as wired remote control, connect the remote cable to this jack.

[Page 22: Operating On-Screen Menu](#)

BEFORE OPERATION OPERATING ON-SCREEN MENU HOW TO OPERATE ON-SCREEN MENU You can control and adjust this projector through ON- SCREEN MENU. Refer to P18 ~35 to operate ON- SCREEN MENU. 1 **MOVING THE POINTER** Move the pointer (see the NOTE below) by pressing POINT button(S) on the FRONT CONTROL or the REMOTE CONTROL(S).

[Page 23](#) **MENU BAR IN COMPUTER MODE SYSTEM MENU IMAGE MENU** Used to select a Used to adjust the computer computer image. [Fine system. sync. / Total dots / (Refer to P27) Contrast / Brightness] (Refer to P29) **MODE MENU POSITION MENU** Used to select a Used to adjust input mode...

[Page 24: Basic Operation](#)

BASIC OPERATION TURNING ON / OFF THE PROJECTOR Turning on the Projector Connect the peripheral equipment (Computer, VCR, and etc.) before turning on the projector. (Refer to "CONNECTING TO THE PROJECTOR" on Pages 10~15 for connecting those equipment. Connect the projector's AC power cord into a wall outlet and turn the MAIN ON/OFF switch (located on the Front Control) to the ON position.

[Page 25: Sound Adjustment](#)

SOUND ADJUSTMENT Direct Operation Sound Volume Adjustment Press the VOLUME (+/-) buttons (located on the Front Control or on the Remote Control Units) to adjust the volume. The Volume dialog box appears on the screen for a few seconds. (+) button to increase the volume, and (-) button decreasing. **Sound Mute Setting** Press the MUTE button on the Remote Control Units to cut off the sound.

[Page 26: Computer Mode](#)

COMPUTER MODE SELECTING COMPUTER MODE Direct Operation Press the MODE button on the Front Control or the PC button on Remote Control Units. Select the Mode among Computer1 to Computer 3 corresponding with the input source. The display of "Computer 1," "Computer 2," "Computer 3," "Video 1," "Video 2," or "Video 3" appears on the screen for a few second.

[Page 27: Selecting Computer System](#)

SELECTING COMPUTER SYSTEM Automatic Multiscanning system This projector automatically adapt to most different types of computer based on VGA, SVGA or "COMPATIBLE COMPUTER SPECIFICATION" on page 28). When selecting "Computer 1," "Computer 2," or "Computer 3", this projector become automatically suited to the incoming signal and projectors the proper image without any special setting.

[Page 28: Pc Adjustment](#)

COMPUTER MODE This Projector can automatically detect display signals from most personal computers currently distributed. However, some computers employ special signal formats which are different from the standard ones and may not be detected by this projector. If this happens, the projector cannot reproduce a proper image and the image is recognized as a flickering picture, a non-synchronized picture, a non-centered picture or a skewed picture.

[Page 29: Compatible Computer Specifications](#)

COMPATIBLE COMPUTER SPECIFICATIONS Basically this projector can accept the signal from all computers with the V, H-Frequency below mentioned and less than 135 MHz of Dot Clock. H-Freq. ON-SCREEN RESOLUTION (kHz) DISPLAY VGA 1 VGA 2 VGA 3 VGA 4 VGA 5 VGA 6 MAC LC13...

[Page 30: Picture Image Adjustment](#)

COMPUTER MODE PICTURE IMAGE ADJUSTMENT Adjust Picture Image Manually Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select IMAGE press the SELECT (REAR CLICK) button. Another dialog box PICTURE IMAGE ADJUSTMENT Menu will appear. Press the POINT DOWN button and a red-arrow icon will appear.

Page 31 **Auto Image Function** The Auto Image function is provided to automatically adjust Fine sync., Total dots, and Picture Position for most computers. Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select AUTO IMAGE and press the SELECT (REAR CLICK) button.

[Page 32: Picture Position Adjustment](#)

COMPUTER MODE PICTURE POSITION ADJUSTMENT The position of the image can be adjusted vertically and horizontally through PICTURE POSITION ADJUSTMENT. Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select POSITION and press the SELECT (REAR CLICK) button. Another dialog box PICTURE POSITION Menu will appear.

Page 33 The chart of the image size resized in the SCREEN Menu. On -Screen Menu True Mode Computer VGA image Original Size SVGA image Original Size XGA image Original Size SXGA image Note to the "Panning" Mode When "Panning" of the PICTURE SCREEN Menu is selected, the display of "Quit"...

[Page 34: Video Mode](#)

VIDEO MODE Direct Operation Press the MODE button on the Front Control or the VIDEO button on the Remote Control Units. Select the Mode among Video 1 to Video 3 corresponding with the input source. The display of "Video 1," "Video 2," "Video 3," "Computer 1," "Computer 2,"...

[Page 35: Selecting Color System](#)

SELECTING COLOR SYSTEM Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select SYSTEM and press the SELECT (REAR CLICK) button. Another dialog box VIDEO SYSTEM Menu will appear. (The display also appears by pressing the SYSTEM button on the Front Control or the Remote Control Units.) Press the POINT DOWN button and a red-arrow icon will appear.

[Page 36: Picture Image Adjustment](#)

VIDEO MODE PICTURE IMAGE ADJUSTMENT Adjusting the Picture Image Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select IMAGE press the SELECT (REAR CLICK) button. Another dialog box PICTURE IMAGE ADJUSTMENT Menu will appear. Press the POINT DOWN button and a red-arrow icon will appear.

[Page 37: Picture Screen Adjustment](#)

PICTURE SCREEN ADJUSTMENT This projector has a picture screen resize function, which enables you to display the image in desirable size. Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select SCREEN and press the SELECT (REAR CLICK) button. Another dialog box PICTURE SCREEN ADJUSTMENT DISPLAY will appear.

[Page 38: Setting](#)

SETTING Press the MENU button and the ON-SCREEN MENU will appear. Press the POINT LEFT/RIGHT buttons to select SETTING and press the SELECT (REAR CLICK) button. Another dialog box SETTING Menu will appear. Press the POINT DOWN button and a red-arrow icon will appear. Move the arrow to the item that you want to set, and then press the SELECT (REAR CLICK) button to set it "On"...

[Page 39: Appendix](#)

APPENDIX OPERATING WIRELESS MOUSE The Wireless Remote Control Unit is not only able to operate the projector but also usable as a wireless mouse for a PC. One Pointing Pad (POINT button) and two click buttons are used for wireless mouse operation. Wireless mouse is usable when PC mouse pointer is displayed on the screen.

[Page 40: Mouse/Keyboard Connection](#)

APPENDIX MOUSE/KEYBOARD CONNECTION This projector equips the Mouse/Keyboard Cables in the Storage Cabinet (left side), and the Mouse/Keyboard Terminals on the Front Terminal. Connecting these cables and terminals enable you to control the computer easily. Connecting Mouse/Keyboard to the Projector Connect the Mouse/Keyboard Cable(s) in the Storage Cabinet (left side) to your computer as the figure below.

[Page 41: Maintenance](#)

TEMPERATURE WARNING INDICATOR The TEMPERATURE WARNING Indicator flashes red when the internal temperature of the projector exceeds the normal temperature. The Indicator stops to flash when the temperature of the projector become normal. When the TEMPERATURE WARNING Indicator continues to flash, make sure the matters below. The Ventilation slots of the projector are blocked.

[Page 42: Lamp Replacement](#)

APPENDIX When the Lamp of this projector draws to an end, the LAMP REPLACEMENT indicator lights yellow. When the image become dark or the color of the image become unnatural, replacement of the Lamp is required. CAUTION | For continued safety, replace with a lamp assembly of the same type. | Allow the projector to cool for at least 45 minutes before you open the lamp cover.

[Page 43: Troubleshooting](#)

WARNING : High voltages are used to operate this projector. Do not attempt to open the cabinet. Sanyo Service is easily obtained. If after following all operating instructions, you find that service is necessary, contact the SFS Corporation in Los Angeles, or the store where you purchased the unit. Give the model number and explain the difficulty.

[Page 44: Technical Specifications](#)

1.3" TFT Active Matrix type Panel Resolution 1,024 Number of Pixels 2,359,296 (786,432 {1,024 Horizontal Resolution 800 TV lines Projection Lens F = 2.5 / f = 23.7 mm Projection Lamp UHP, 120watt type Projection Image Size 70" (4 : 3) Scanning Frequency ~80kHz (H-sync.), ~100Hz (V-sync.)

Page 45 Front / Side View of the Projector Front 1968mm (77.5") WIRED REMOTE CONTROL Power Source AA Type Operating Range 5 m (16.4') / 60° Dimensions 56mm 35mm Net Weight 105 g (0.23 lbs) (including the batteries) WIRED/WIRELESS REMOTE CONTROL Power Source AA Type...

Page 46 In order to obtain warranty service, the product must be delivered to and picked up from and Authorized Sanyo Factory Service Center at the user's expense, unless specifically stated otherwise in this warranty. the names and addresses of authorized Sanyo Service Centers may be obtained by calling the toll-free number listed below.

