



Sanyo PLC-WR251 - True WXGA Projector Owner's Manual

Instruction manual, plc-wr251 network operation

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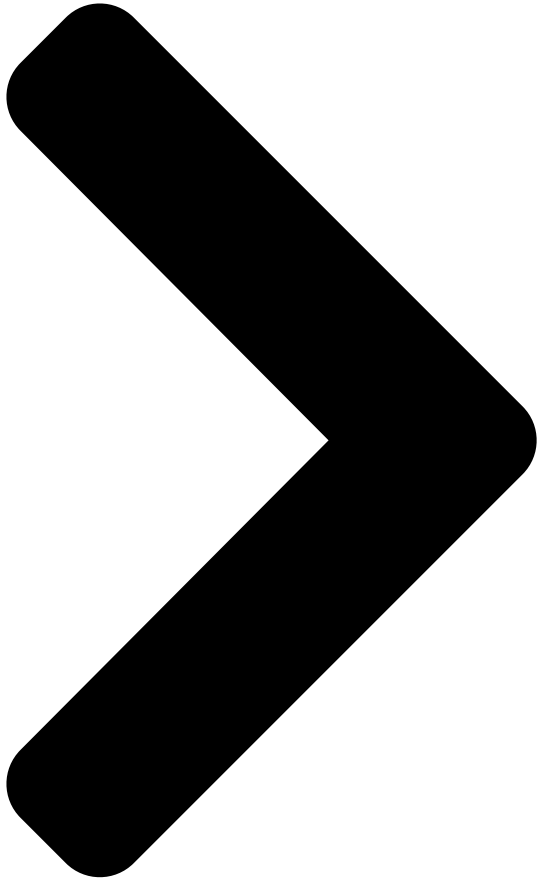
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See also: [Owner's Manual](#)



Owner's Manual

Network Set-up and

Operation

Wired Setting

Projector Set-up and Operation

This is the manual for the Network function.

Read this manual thoroughly to operate the Network function.

First, read the owner's manual of the projector to understand the basic operation of the projector and the safety instructions.

The safety instructions in the owner's manuals should be followed strictly.

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Related Manuals for Sanyo PLC-WR251 - True WXGA Projector

[Projector Sanyo PLC-WR251 - True WXGA Projector Owner's Manual](#)

True wxga projector; plc-wr251; (82 pages)

[Software Sanyo PLC-XU300 - XGA LCD Projector Owner's Manual](#)

Pj network manager for windows (32 pages)

[Projector Sanyo WXU30 - PLC - LCD Projector Owner's Manual](#)

Network set-up and operation (144 pages)

[Projector Sanyo PLC-WL2500 - 2500 Lumens Manual](#)

Basic serial command specifications (25 pages)

[Projector Sanyo PLC-WK2500 - 2500 Lumens Manual](#)

Basic serial command specifications (24 pages)

[Projector Sanyo PLC-WL2500A Owner's Manual](#)

Network set-up and operation (59 pages)

[Projector Sanyo PLC-WL2503 Owner's Manual](#)

Sanyo - plc-wl2503 lcd projector - 720p - 16:10 (78 pages)

[Projector Sanyo PLC-WL2503 - 2500 Lumens Manual](#)

Expand serial command functional specifications (73 pages)

[Projector Sanyo PLC-WL2503A Owner's Manual](#)

Network set-up and operation (59 pages)

[Projector Sanyo PDG-DSU30 - 2500 Specifications](#)

Expand serial command functional specifications (42 pages)

[Projector Sanyo PLC-WXU700A - 3800 Lumens Owner's Manual](#)

Network set-up and operation for windows (154 pages)

[Projector Sanyo PLC-WXU700A Owner's Manual](#)

Multimedia projector (393 pages)

[Projector Sanyo PLC-WXL46A Owner's Manual](#)

(69 pages)

[Projector Sanyo PLC-WL2500 Service Manual](#)

(104 pages)

[Projector Sanyo PLC-WM4500L Service Manual](#)

(158 pages)

[Projector Sanyo PLC-WTC500AL Service Manual](#)

(182 pages)

Summary of Contents for Sanyo PLC-WR251 - True WXGA Projector

[Page 1](#) Owner's Manual Network Set-up and Operation Wired Setting Projector Set-up and Operation This is the manual for the Network function. Read this manual thoroughly to operate the Network function. First, read the owner's manual of the projector to understand the basic operation of the projector and the safety instructions.

[Page 2: Compliance](#)

If such changes or modifications should be made, you could be required to stop operation of the equipment. Model Numbers : PLC-WR251 Trade Name : Sanyo Responsible party : SANYO

[Page 3: Safety Instructions](#)

● When you find a problem with the projector, remove the power cable immediately and inspect the unit. Using the projector with failure may cause fire or other accidents. ● If you remotely use the projector via networks, carry out a safety check regularly and take particular care to its environment. Incorrect installation may cause fire or other accidents. CAUTION IN USING NETWORK FUNCTION ● SANYO Electric Co., Ltd. assumes no responsibility for the loss or damage of data, or damage of the computer caused by using this projector. Making back-up copies of valuable data in your computer is recommended.

[Page 4: Table Of Contents](#)

Table of contents Compliance2 Federal Communications Commission Notice2 Safety instructions3 Table of contents4 Chapter 1 Preparation5 Features.....6 Required operating environment for computers7 Network specifications of the projector7 Flow of installation9 Notice about installing Software CD-ROM.....9 Chapter 2 Setup Procedures.....

[Page 5: Chapter 1 Preparation](#)

Chapter 1 Preparation Describes features and operating environment of this projector.

[Page 6: Features](#)

Chapter 1 Preparation Features Web Management function (+p.31) With this function, you can monitor projector functions such as power status, lamp status, input mode, signal condition, lamp-use time, etc. through the network by using the web browser installed on Turn ON PJ2...

[Page 7: Required Operating Environment For Computers](#)

Features Required operating environment for computers When operating the projector via networks, computers should meet the operating environment below. Windows 98, Windows Me, Windows NT4.0 Operating System Windows 2000, Windows XP, Windows Vista (32bit version) Mac OS X v 10.4 or later Windows: Higher than Pentium III 900MHz Recommended CPU Macintosh : 800 MHz PowerPC G4 or faster, or 1.8 GHz Intel Core...

[Page 8](#) Chapter 1 Preparation The limitation of connection between the projector and hub or computer Suitable LAN cables are limited by length and type as follows; Connection Type of usable LAN cable Maximum length Projector - Hub UTP Straight Cable with category 3 or 5 * 100m Projector - Computer UTP Cross Cable with category 3 or 5*...

[Page 9: Flow Of Installation](#)

Flow of installation Flow of installation To use the projector via the networks, follow the setup procedures below. STEP 1 Connect the LAN and set the configuration. Decide depending on the LAN environment. → "2. Setup Procedures" (pp.11-16). Detailed LAN configurations need to be done with a browser later. First, complete the Wired LAN connection between computers and projectors, then start browser configurations.

[Page 10](#) Chapter 1 Preparation...

[Page 11: Chapter 2 Setup Procedures](#)

Chapter 2 Setup Procedures Describes how to configure the network.

[Page 12: Connecting To The Lan Line](#)

Chapter 2 Setup Procedures Setting procedures and contents differ depending on the LAN installation location. When installing, consult your system administrator to set up the LAN appropriately. Connecting to the LAN line Connect the LAN cable to the LAN connection terminal of the projector. LAN Connection ACT Lamp (Orange) Blink orange when the...

[Page 13](#) Network configuration 3. Select "Network setting" in the Network menu and press SELECT button, and then the LAN setting screen will appear and selected LAN settings will be

displayed. Adjust each item to the setting environment. Consult your system administrator about the detailed settings.

[Page 14: Network Pin Code](#)

Chapter 2 Setup Procedures Network PIN code The Network PIN code is to restrict the access from the networks to the projector. After setting the Network PIN code, you need to enter it to operate the projector via the networks. 1.

[Page 15: Network Factory Default](#)

Network factory default Network factory default 1. Select "Network factory default" in the Network menu and press SELECT button. 2. A confirmation box appears and select "Yes" and then press SELECT button. 3. Another confirmation box appears and select "Yes" and then press SELECT button. 4.

[Page 16: Wired Lan Factory Default Settings](#)

Chapter 2 Setup Procedures Wired LAN factory default settings SELECTED LAN Parameter LAN 1 LAN 2 LAN 3 IP CONFIGURATION MANUAL DHCP MANUAL IP ADDRESS 169.254.100.100 192.168.100.100 192.168.100.100 SUBNET MASK 255.255.0.0 255.255.255.0 255.255.255.0 GATEWAY ADDRESS 255.255.255.255 255.255.255.255 255.255.255.255 DNS ADDRESS 255.255.255.255 255.255.255.255 255.255.255.255...

[Page 17: Chapter 3 Basic Setting And Operation](#)

Chapter 3 Basic Setting and Operation Describes basic operations and settings for controlling the projector by using the web browser. It is required that computer and projector is connected to the network and the network address is properly configured.

[Page 18: Login The Setting Page Of The Projector](#)

Chapter 3 Basic Setting and Operation Login the setting page of the projector [1] Enter the IP address Launch the web browser installed in your computer, enter the IP address into the "Address" on the browser and then press "Enter" key. Enter the address that you configured in item "Network configuration"...

[Page 19: Display Of Main Setting Page](#)

Login the setting page of the projector [3] Display of main setting page The following main setting page will be displayed according to your display mode selection. Perform various kinds of settings through this page. Click on the menus to display the control and setting pages.

[Page 20: How To Use The Setting Page](#)

Chapter 3 Basic Setting and Operation How to use the setting page To control and set up the projector, use the setting menus on the web browser. Describes the basic operation and procedures commonly used on this manual. Example of the setting page The setting menu appears when clicking the sub menu tab.

[Page 21](#) How to use the setting page Radio button setting Select an item by selecting a radio button. Check box setting Select items by ticking on check boxes.

[Page 22: Initial Setting](#)

Chapter 3 Basic Setting and Operation Initial setting After installing the projector, perform the following basic initial setting. Click Initial Setting on the main menu to display the initial setting page. Item Description LanguageSwitches display language on the setting page. English or Japanese. Model name ..

[Page 23: Network Pin Code Setting](#)

Initial setting Network PIN code setting This is to set the Network PIN code to restrict the access from an unauthorized person through the network. Enter a 4-digit number as the Network PIN code onto the text box and click Set button. The projector begins restarting and it takes about 10 seconds.

[Page 24: Network Configuration](#)

Chapter 3 Basic Setting and Operation Network configuration Click Network on the main menu.

The following setting page is displayed. The IP Address, Subnet Mask, Default Gateway, DNS (Domain Name Server) and projector name are set up on this menu. The IP address and Subnet Mask have been configured already in chapter "Installation".

[Page 25: E-Mail Setting](#)

E-mail setting E-mail setting This projector has an E-mail function which can send an alert message to users or an administrator if it detects an abnormality on the projector or run out of the life span of the lamp. Click E-mail Setting on the main menu and follow the below steps.

[Page 26](#) Chapter 3 Basic Setting and Operation Registering and deleting E-mail addresses Click "Add address" and type the e-mail address onto the text box and click Set button. To check the registered addresses, click Check/Delete sub menu tab. The addresses are listed as the figure on the right.

[Page 27: Examples: Type And Contents Of Alert Mail](#)

E-mail setting Examples: Type and contents of alert mail When the projector has an abnormality, the following alert messages are sent to the registered E-mail address according to your selected condition. Administrator or user can take an efficient action quickly by receiving this message. This is very useful to maintain and service the projector.

[Page 28](#) Chapter 3 Basic Setting and Operation ● When PJ lamp replacement time is reached: TITLE: Message from projector Projector Model Name: model name TCP/IP: 192.168.1.201 Projector Name: Proj05 It sends you following message. *The projector lamp has reached replacement time. Lamp ON 2000 h ☞ Replace it with a new lamp immediately and reset the lamp counter. If the projector is used without resetting the lamp counter, the alert mail is sent to users in every power-on of the projector.

[Page 29: Snmp Setting](#)

SNMP setting SNMP setting This projector provides a SNMP (Simple Network Management Protocol) agent function. The SNMP consists of a manager and agents. The group which communicates information each other with SNMP is called "Community". There are two access modes in a community, Refer (read only) and Set (read-write).

[Page 30](#) Chapter 3 Basic Setting and Operation Trap check/delete Check and delete the trap address Checking the registered trap address and deleting the address. To delete the address, tick check box in front of the IP address and click Delete button. ☞ Up to 10 trap addresses can be registered. Trap option Trap option setting Tick check boxes in front of the condition item...

[Page 31: Chapter 4 Controlling The Projector](#)

Chapter 4 Controlling the Projector Describes controlling and setting of the projector by using the web browser.

[Page 32: Power Control And Status Check](#)

Chapter 4 Controlling the Projector Power control and status check Click Power & Status on the main menu. The control page will be displayed. By clicking ON or Standby button on the page, the power of the projector can be controlled.

[Page 33](#) Power control and status check About projector condition Status Description Normal Projector is operating normally. Power management in operation ... Power management is operating Lamp failure Lamp failure is occurring Abnormal TemperatureThe temperature of the projector became too high Standby after Abnormal Temp..Projector detects abnormal temp. and sets into standby mode. Power failure

[Page 34: Control](#)

Chapter 4 Controlling the Projector Control Click Control on the main menu. The setting method differs depending on the contents of the page. Click on the page number to change pages and select desired setting items. ☞ Please see the owner's manual of the projector to have the further information of each control item.

[Page 35: System](#)

Control System This function is to select the system of signal input to the projector. The available system mode are listed on the pull-down menu button according to the input signal.

Select a system and then click Set button. Available selection at the RGB input Item Description...

[Page 36: Sound](#)

Chapter 4 Controlling the Projector Sound This function is to adjust the sound of the projector. The values in the text box represent the current control value or status. Item Description VolumeAdjusts the sound volume from the speaker. (0 ~ 63) Mute

[Page 37: Image Adjustment](#)

Control Image adjustment This function is to adjust the projected picture image and save the image mode. To store the adjusted value, click Store button, and to load the adjusted value, click Load button. Item Description ContrastAdjusts picture contrast (0~ 63) Brightness

[Page 38: Pc Adjustment](#)

Chapter 4 Controlling the Projector PC adjustment Click PC Adj. on the main menu. This function is to adjust the signal from the computer connected to the projector to obtain the proper picture image on the screen. Item Description Current mode ..Displays a current mode like VGA, SVGA, XGA, SXGA, UXGA, WXGA, etc. or Mode1 - Mode5 which are the customized mode created by using the "Mode Store"...

[Page 39: Setting Up The Projector](#)

Setting up the projector Setting up the projector Click Setting on the main menu. This function is to set up the projector. Select the sub menu [Screen setting] or [Setting] and then set up each setting. Screen setting This function is to adjust the screen mode of the projector.

[Page 40: Setting 1](#)

Chapter 4 Controlling the Projector Setting 1 Item Description LanguageSets the language display of projector's on-screen display menu. Auto setup ... Executes the Auto PC Adj, and Input Search function below according to the Start each setting after clicking button.

[Page 41: Setting 3](#)

Setting up the projector Setting 3 Item Description Key lockSets the prohibition of controls either Projector or Remote control. (OFF, Projector keys, Remote control) Fan control Sets the fan control speed....Normal mode Highland mode 1 Highland mode 2 Filter counter ..

[Page 42: Information](#)

Chapter 4 Controlling the Projector Information This page is to display the basic information of the projector status. Click Information on the main menu. Click this button to update the information. Items Description Input Displays selected input and source. System Displays selected signal system.

[Page 43: Chapter 5 Appendix](#)

Chapter □ Appendix Connection examples Use of telnet Web browser setting Technical data Q & A...

[Page 44: Examples Of Connection](#)

Chapter 5 Appendix Examples of connection Peer-To-Peer connection Connecting the projector (PJ01) to the control computer (PC05) directly. * UTP cross cable Computer Name: PC05 Projector Name: PJ01 IP Address : 192.168.0.5 IP Address : 192.168.0.2 Subnet Mask : 255.255.255.0 Subnet Mask : 255.255.255.0 Default Gateway :...

[Page 45](#) Examples of connection The gateway (Router) installed in the network Connecting the projector (PJ01) to the control computer (PC05) via the gateway. Entrance hall Computer Name : PC205 IP Address : 192.168.200.5 Subnet Mask : 255.255.255.0 Default Gateway : 192.168.200.1 : 192.168.201.1 Projector Name: PJ01 IP Address...

[Page 46: Use Of Telnet](#)

Chapter 5 Appendix Use of telnet You can control the projector by using the telnet application installed on your computer. Normally, the telnet application is available on your computer. * The

telnet 10000 port is used to control the projector. Control (For example, in case of using the telnet (For example, in case of using the telnet...

[Page 47](#) Use of telnet 3. When communication is established correctly, the word "PASSWORD:" appears on the window. Type the login password (Network PIN code) for the projector and then press "Enter" key on the keyboard. If you do not set up the Network PIN code, just press "Enter" key.

[Page 48: Web Browser Setting](#)

Chapter 5 Appendix Web browser setting This projector is designed to be set up and controlled from an Internet web browser. Depending on the preference settings of the web browser, some control functions may not be available. Please make sure that the following functions are set up properly in the web browser.

[Page 49: Examples: Os/Browsers](#)

Web browser setting Examples: OS/Browsers Windows XP Professional Internet Explorer v.6.0 ActiveScript setting Select Internet Options from Tools menu on the web browser and then select Security tab and click Customize Level... button. On the security setting window, scroll down and find the Scripting item, make sure that "Enable"...

[Page 50: Proxy Setting](#)

Chapter 5 Appendix Proxy setting Select Internet Options from Tools menu on the web browser and then select Connection tab and click LAN Settings button. Properly set up your web browser's the proxy server settings according to the local area network environment to which the projector is connected.

[Page 51](#) Web browser setting Netscape Navigator v.7.1 JavaScript Setting Select Preference from Edit menu on the web browser and then select the item Advanced/Scripts & Plugins in the Category column.

[Page 52](#) Chapter 5 Appendix MAC OS X v 10.4 Safari v.3.2.1 JavaScript enable setting Select Preferences... from Safari on the web browser and then select Security tab and click Enable JavaScript.

[Page 53: Q&A](#)

Q&A Q&A Installation/Access Why doesn't the setting page appear in my web browser? Following causes are possible. Please check them. 1. The projector does not connect to the network. Check LED indicators status (+ p.12). - Check the connection of LAN cable if the LINK Lamp does not light green. - Check the network configuration of the projector if the ACT Lamp does not blink orange.

[Page 54](#) Chapter 5 Appendix We use the DHCP/BOOTP server to assign the IP address. Is it possible to use the projector in this network environment? Possible. This projector supports the DHCP/BOOTP server. To use this projector in this network environment, set it up so that the DHCP/BOOTP server does not assign the IP address configured to this projector for another device on the network.

[Page 55](#) Q&A Operation Why can't be turned on/off with web browser? Please make sure the settings of the projector are correct to use the projector. Please set the Standby mode of the projector's Setting menu to "Normal". Refer to "4. Controlling the Projector" → "Power control and status check" (+ pp.32 - 33). Why can't I change the controls in the setting page with web browser? Please make sure the projector is turned on.

[Page 56](#) Chapter 5 Appendix Others What are the rules for IP address assignment? If the network is constructed with TCP/IP protocol, a unique IP address is required for each piece of network equipment. The following are basic rules of the assignment.

[Page 57](#) Q&A Can I update the firmware of the projector. It is possible to update the firmware through the network. It is required to have a special tool for the updating. For further information please consult your local dealer. The version number of the firmware is indicated on the lower part of the "Initial setting"...

