



Sanyo PJ-Net Organizer Plus POA- PN02 Owner's Manual

Remote management adapter

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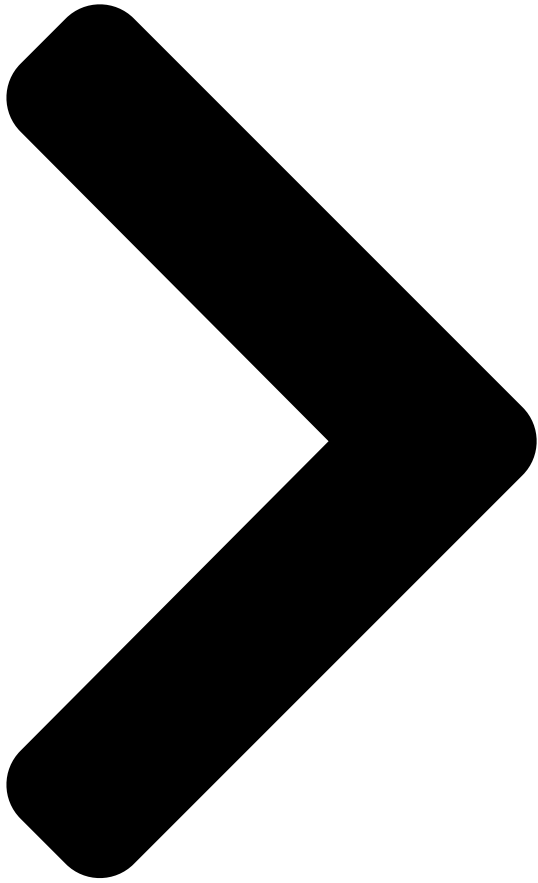
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OWNER'S MANUAL

This PJ-Net Organizer is an optional network product for the projector. Mount this product to the projector and connect a network cable. It enables a projector to display the image data stored in the file server and the screen image of the computer via the network. In addition, you can control and set up the projector remotely by using the web browser.

This product is only used for SANYO projectors that have a terminal for the PJ-Net Organizer.

This manual explains the installation of the PJ-Net Organizer and its operation.

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PJ-Net Organizer plus

Model No. POA-PN02

Chapter 1 Preparation

Chapter 2 Installation

Chapter 3 Basic Setting & Operation

Chapter 4 Controlling the Projector

Chapter 5 Network Capture & Viewer

Chapter 6

Controlling the Multi-Projectors

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Related Manuals for Sanyo PJ-Net Organizer Plus POA-PN02

[Organizer Sanyo PJ-Net Owner's Manual](#)

Pj-net organizer (114 pages)

[Projector Accessories Sanyo PLC Installation Instructions](#)

Projector communications kit (3 pages)

[Projector Accessories Sanyo POA-MD03VD2A - Projector Terminal Expansion Board Replacement Manual](#)

Replacement of the terminal (1 page)

[Projector Accessories Sanyo POA-MD03VD2A Replacement Manual](#)

Replacement of the terminal (2 pages)

[Projector Accessories Sanyo POA-MD18DVI Replacement Manual](#)

Replacement of the terminal (2 pages)

[Projector Accessories Sanyo POA-MD18DVI - Projector Terminal Expansion Board Replacement Manual](#)

Replacement of the terminal (1 page)

[Projector Accessories SANYO POA-MD17SDID Instruction Manual](#)

Hd&sd-sdi module card (4 pages)

[Projector Accessories Sanyo POA-CH-EX06 Installation Manual](#)

Setting plate for wall hanging (12 pages)

[Projector Accessories Sanyo POA-SR-140 Owner's Manual](#)

Smoke resistant box (12 pages)

[Projector Accessories Sanyo POA-MD11DVI Replacement Manual](#)

Replacement of the terminal (2 pages)

[Projector Accessories Sanyo PJ-Net Organizer POA-PN01 Owner's Manual](#)

Pj-net organizer model no. poa-pn01 owner's manual (84 pages)

[Projector Accessories Sanyo POA-FBOX130 Install Manual](#)

Sanyo poa-fbox130 projector-accessory: install guide (3 pages)

[Projector Accessories Sanyo PLC-XU116 - 4500 Lumens Mode D'emploi](#)

Fonction memory viewer (12 pages)

[Projector Accessories Sanyo PLC-LNS07 Replacement Procedure](#)

Sanyo plc-lns07: install guide (3 pages)

[Projector Accessories Sanyo POA-SP-SU31 Service Manual](#)

Smoke resistant and dust resistant box (16 pages)

[Projector Accessories Sanyo LNS-T31A - Telephoto Zoom Lens Replacement Procedure](#)

Owners manual (9 pages)

Summary of Contents for Sanyo PJ-Net Organizer Plus POA-PN02

[Page 1](#) In addition, you can control and set up the projector remotely by using the web browser. This product is only used for SANYO projectors that have a terminal for the PJ-Net

Organizer. This manual explains the installation of the PJ-Net Organizer and its operation.

[Page 2: Federal Communication Commission Notice](#)

It may cause fire or an accident depending on the change of environment. SANYO Electric Co. Ltd assumes no responsibility for the loss or damage of data or damage of the computer caused by use of this product.

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[Page 4](#) Contents Load an image mode46 Screen .

[Page 5: Chapter 1 Preparation](#)

Chapter 1 Preparation Network Unit OWNER'S MANUAL...

[Page 6: Features](#)

Chapter 1 Preparation Features Network Capture function It enables a projector to project the screen image of the computer on the screen via the network by using an exclusive utility software . Network Viewer function The projector receives the image data stored in the file servers in the network and displays images automatically.

[Page 7](#) Web Management function 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 your computer. Turn on PJ2. E-Mail Alert function The projector (Network Unit) sends messages to the registered e-mail addresses when a lamp abnormality or power failure occurs with the projector.

[Page 8](#) Chapter 1 Preparation Multi-control function A single computer can control and set up the multiple computers at the same time. Automatic On/Off using Clock function Automatically turn on or off the projectors at specified date/day and time by using the clock function.

[Page 9: Operating Environment](#)

128 MB of RAM or higher recommended (64 MB minimum supported) 100 MB of available hard-disk space VGA or higher-resolution video adapter and monitor CD-ROM drive 10Base-T or 100Base-TX network card Web browser application* Microsoft Internet Explorer version 5.0, 5.5 or 6.0. Netscape Navigator version 6.1, 6.2 or 7.0.

[Page 10: Before Use](#)

Chapter 1 Preparation The limitation of connection between this product and Hub or Computer Suitable LAN cables are limited by length and type as follows; Connection Network Unit - Hub Network Unit - Computer *1 There may be other limitations depending on your network environment or LAN specification.

[Page 11: Use Of This Manual](#)

Expression Expression/Abbreviation The word "projector" found in this manual means "projector provided with Network Unit" unless otherwise noted. The OS of the computer and the Web browser described in this manual is Windows XP Professional and Internet Explorer 6.0. In case of another OS or Web browser, some instruction procedures may differ from the actual operation depending on your computer environment.

[Page 12: Software License Agreement](#)

If you do not agree to the terms, do not use this CD-ROM. Software License Agreement This is a legal agreement between the customer (hereafter referred to as "user") and Sanyo Electric Co Ltd. (hereafter referred to as "our company"). Both parties accept the following terms on use of this software product (hereafter referred to as "software") that our company grants to...

[Page 13: Chapter 2 Installation](#)

Chapter 2 Installation Network Unit OWNER'S MANUAL...

[Page 14: Flow Of Installation](#)

Chapter 2 Installation Flow of installation The following are instructions for attaching this product to the projector and connecting it to the network. Please review the entire procedure to become familiar with it. Function of the Network Unit Explains the name and functions of each part of the network unit. Installation and network configuration Mount this product onto the projector.

[Page 15: Name And Function Of Each Part](#)

z Name and function of each part Power indicator This lights up red when the network function is set ON in the projector menu. Serial port This is used when controlling the external equipment via the network. (p.85) LAN port Connecting the LAN cable.

[Page 16: Installation And Network Configuration](#)

Chapter 2 Installation x Installation and Network configuration Mounting Disconnect the AC plug from the projector. Remove the connector cover and screw covers from the projector and insert plug on this product to the option connector. Tighten two screws by using a coin etc.

[Page 17: Connection Of Lan Cable](#)

Connection of LAN cable To connect to the network, it is required to use the UTP (Unshielded Twisted Pair) straight cable with RJ-45 plug. There are two different types of cables depending on whether the network is constructed with 10Base-T or 100Base-TX. Prepare the Hub (10Base-T or 100Base-TX) to distribute the network cable if required.

[Page 18: Network Configuration](#)

Chapter 2 Installation Network configuration Confirmation of the network menu When installing this product to the projector, the network on-screen menu items for this product are activated automatically. If not activated, the product may not have been installed correctly. Please check item "Mounting" (Configure the network When you connect the projector to the network, the network number of projector must be the same as the network you intend to connect.

[Page 19](#) Configuration for IP Address/ Sub net/ Gateway*/DNS* Press SELECT button again, the following network setting menu appears on the screen. Enter the specified network address. Restart the Network Unit Select Set with 7 8 keys and press SELECT button again. The network configuration display disappears and the network unit begins restarting.

[Page 20: Password Setting](#)

Chapter 2 Installation Password setting A password can be set to restrict access to the setting pages of the projector using the web browser. The default password is set "0000" as no password. Use the projector's menu and select the Network setting icon on the menu. Select the Network setting sub icon from the submenu, and then press SELECT button once.

[Page 21: Notice About System Construction](#)

How to enter the numbers with the screen 10-key pallet Select a column with a red frame by using the point buttons 7 8 . Press SELECT button. The screen 10-key pallet appears on the screen. By using the point buttons(d e 7 8), select numbers 0 to 9 and press SELECT button.

[Page 22: Installing The Software](#)

Chapter 2 Installation c Installing the software It is required to install the software into your computer to use the Network Capture function and Network Viewer function. Please install the software as follows. Note: To install the software into the computer with Windows 2000, Windows XP or Windows NT, you should login with administrator rights.

[Page 23: Installed Software](#)

Installed software The following 3 software are installed on your computer. Network Capture: Capture the displayed image of the computer and serve it to the projector via the network. This software is registered into "startup folder" of the computer and the capture icon stays on the task bar after booting the computer.

[Page 24: File Converter 2 Installation](#)

Chapter 2 Installation File Converter 2 Installation Set the supplied Network Viewer & Capture CD-ROM into the CD-ROM drive your computer. SetupDrv.exe icon in the "Driver" folder in the

CD-ROM. Select “English [United States]” from the pull-down menu on the language selection window and then click Install button to start installing.

[Page 25: Chapter 3 Basic Setting And Operation](#)

Chapter 3 Basic Setting and Operation Network Unit OWNER’S MANUAL...

[Page 26: Login The Setting Page Of The Projector](#)

Chapter 3 Basic Setting and Operation This chapter describes basic operations and settings for controlling the projector via a network using this product. It is required that computer and projector be connected to the network and the network address be properly configured. Login the setting page of the projector Enter the IP address Launch the web browser installed in...

[Page 27: Display Of Main Setting Page](#)

Display of main setting page The following main setting page will be displayed according to your display mode selection. Perform the various kinds of setting through this page. Click on the menus to display the control and setting pages. Main setting page in the Graphic Mode display Main menu For selection of control and setting items of the projector.

[Page 28](#) Chapter 3 Basic Setting and Operation Main setting page in the Text Mode display Returns to the display mode selection page. The network viewer function in the text mode has following limitation; - Cannot select the program or folder for the display (- Cannot perform the registration, check or change of the program (Main menu For selection of control...

[Page 29: Initial Settings](#)

Initial Settings After installing this product to the projector, perform the following basic initial setting. Click Initial Setting on the main menu to display the initial setting page. The Languages, Date/Time, Password and Temperature unit can be set in this page. The model name of the projector on which this product is mounted is displayed on the page.

[Page 30: Password Setting](#)

Chapter 3 Basic Setting and Operation Password Setting This page is to set the password to restrict the access from an unauthorized person through the network. Enter the password onto the text box and click Set button. The Network Unit begins restarting and it takes about 40 seconds. Close (Quit) the web browser and access to the login page again in 40 seconds.

[Page 31: Date/Time Setting](#)

Date/Time Setting Click on the page number “2” to display the Time Setting page. Type present date onto the date text area (Year/Month/Date) format and type present time onto the time text area (Hour:Minute) format in 24 hours indication. Click Set button and confirm that the data and time are set correctly.

[Page 32: Network Configuration](#)

Chapter 3 Basic Setting and Operation Network Configuration Click Network on the main menu. The following setting page is displayed. This page is to set the IP Address, Subnet Mask, Default Gateway, DNS (Domain Name Server) and projector name. Configure the network The IP address and Subnet Mask have been configured already in chapter “Installation”.

[Page 33: E-Mail Setting](#)

E-mail Setting This product 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 34](#) Chapter 3 Basic Setting and Operation Registering and deleting E-mail addresses Type the E-mail address onto the Mail Address text area and click Set button. To check the registered addresses, click on the Mail Address Check & Delete linked text. addresses are listed as the figure on the right.

[Page 35: Examples: Type And Contents Of Alert Mail](#)

Condition selection for sending alert message Check the condition items under which alert messages will be sent and click Set button. A free message can be sent when the lamp use time

reach- es the preselected lamp use time. Check this condition and enter a setting time.

[Page 36](#) Chapter 3 Basic Setting and Operation When the internal power circuit is failed:
TITLE: Message from projector 01-03-2003 00:59 Projector Model Name: XP50/55 TCP/IP:
192.168.1.201 Projector Name: myProjector It sends you following message. *The Projector
lamp was turned off, because projector power circuit failed. Unplug the projector from AC outlet
and ask servicing to qualified service personnel.

[Page 37: Chapter 4 Controlling The Projector](#)

Chapter 4 Controlling the Projector Network Unit OWNER'S MANUAL...

[Page 38: Power On/Off The Projector](#)

Chapter 4 Controlling the Projector This chapter describes controlling the projector via a network using this product. Display the main menu following to the login procedure described on page 26. Power on/off the projector 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 39: Check The Status Of Projector](#)

Check the status of projector In the "Power & Status" page, you can control the projector power, and also you can check the status of the projector as follows. To change the page, click on the page number linked text. Items Description Accumulated...

[Page 40: Control The Projector](#)

Chapter 4 Controlling the Projector Control the projector The sub control menu appears on the lower side of the page when clicking Control on the main menu. When you click each control icon, the control page is displayed according to the control menu you selected. The setting method differs depending on the contents of the page.

[Page 41: Input](#)

Input This function is to select the input mode and source mode of the projector. Select the input mode with the radio button, and input source mode with the pull-down menu button. Then set the selected input mode and source mode by clicking Set button.

[Page 42: Pc Adjustment](#)

Chapter 4 Controlling the Projector PC Adjustment This function is to adjust the signal from the computer connected to the projector to obtain the proper picture image on the screen. Click on the page number linked texts to change the setting pages. These parameters will appear only when the RGB(Analog) or Network input mode is selected.

[Page 43: Save A Set](#)

Save a Set Decide your desired PC adjustment val- ues through the PC Adjustment pages "1"to "2". Display the page "3" and select a mode number with the pull-down menu button of the Save to. Type a memo into the Memo text area for simply description of your selected number.

[Page 44: System Adjustment](#)

Chapter 4 Controlling the Projector System Adjustment This function is to select the color system of video signal or scanning sys- tem of component signal input to the projector. Select a system with the radio buttons to match the color system or scanning system of input source, and then click Set button.

[Page 45: Image Adjustment](#)

Image Adjustment This function is to adjust the projected picture image and set the image mode. For selection of image mode, select a desired image mode with the Image pull-down menu button and then click Set button. The setting items are switched automatically according to selected input mode, computer or video input.

[Page 46: Save An Image Adjustment Value](#)

Chapter 4 Controlling the Projector Save an image adjustment value Decide your desired image adjustment value through the image adjustment pages "1" to "3". Display the page "3" and

select the desired image number with the pull-down menu of the Save Adjustment. Register by clicking Set button.

[Page 47: Screen](#)

Screen This function is to adjust the screen mode of the projector. The setting items are switched automatically according to selected input mode, computer or video input. Sound This function is to adjust the sound of the projector. The values in the text box represent the current control value or status.

[Page 48: Setting](#)

Chapter 4 Controlling the Projector Setting This function is to set up the projector. Click on the page number "1" to "6" linked texts to change the setting pages. * The displayed items may differ from the actual depending on the functions of the projector you use.

[Page 49](#) (JavaScript On) (JavaScript Off) There are various kinds of ways to change the JavaScript preference depending on the web browser's version and application. Please refer to item "Appendix: Web browser setting/Active Script (JavaScript enable)" (Control the projector Item Description Remote Control ...Sets one of 8 types remote control codes.

[Page 50: How To Set The Timer](#)

Chapter 4 Controlling the Projector How to set the Timer This function is used to turn the projector off or on at a programmed day/date and time. Follow the below steps for setting. Set a day or date To set the timer event at same time everyday, select "day"...

[Page 51: Check The Timer Events](#)

Set a time Type the time with (Hour:Minute) and 24 hours format. Ex.: Type [18:25] if you specify [PM 6 o'clock and 25 minutes]. Select an event "ON" or "OFF". Select an event ON or OFF with the pull-down menu button to turn on or off the projector.

[Page 52: Cancel The Timer](#)

Chapter 4 Controlling the Projector Notes on timer setting Up to 10 timer events can be registered. Timer events always operate according to the next valid event depending on the projector's power status. In the example below, event 3 turns on the projector so next event 4 (also turning on projector) will not be effective because the projector is already turned on.

[Page 53: Service](#)

Control the projector Service This function sets the cooling fan speed of the projector. Set proper fan speed depending on the installation environment. Select "Normal" or "Maximum" with the pull-down menu button and click Set button. Network Unit OWNER'S MANUAL...

[Page 54: Save Actual Adjustment](#)

Chapter 4 Controlling the Projector Save Actual Adjustment This function is to save and load the control values of the projector. The storable control items are Input, PC, System, Image and Screen controls, and these control items differ from each selected input mode and functions of the projector you use.

[Page 55: Check The Save Items](#)

Control the projector Check the Save items Browse pages by clicking on the page numbers and check each setting status. The pages for the saving items are constructed by 8 pages. The contents of the pages may differ from the actual depending on the selected input mode and the function of the projector.

[Page 56: Load A Control Set](#)

Chapter 4 Controlling the Projector Load a control set Select your desired set number with the pull-down menu button of the Load Setting No. and then click Set button. The setting values of the selected set number are applied to the current settings. Example of setting...

[Page 57: Control The Projector's Menu](#)

Control the projector's menu Click Menu on the main menu. The following menu control page is displayed. This page is to control the on-screen display menu of the projector. Item Description

Display Menu ...To switch the on-screen display menu on or off by clicking ON or OFF button. The same operation with the MENU button on the projector and remote control handset.

[Page 58: Make A Memo](#)

Chapter 4 Controlling the Projector Make a memo Select the Memo setting page by clicking Memo on the main menu. The following setting page is displayed. It is convenient to use as a memo for the simple description where the projector is placed in. This note will be displayed on the login page.

[Page 59: Chapter 5 Network Viewer & Capture](#)

Chapter 5 Network Viewer & Capture Network Unit OWNER'S MANUAL...

[Page 60: Using The Network Capture Function](#)

Chapter 5 Network Viewer & Capture Using the Network Capture function The Network Capture is a function to project the screen images of the computer by the projector via the network by using the Network Viewer software. Up to 10 computers can be registered and the capture images of the computer projected by the projector can be selected by the Network Capture software in the computer, web browser and projector.

[Page 61](#) Click Search button to list up the available IP address assign to the projector and select desired IP address you use, or you can enter the IP address manually if you know that IP address. Set the quality of the image. Quality: Selects from High, Mid, Low Image Magnification: If checked, the screen image size of the computer is automatically adjusted to the projector's screen size.

[Page 62](#) Chapter 5 Network Viewer & Capture [2] Control by the web browser * PC provided with the Network Capture. Select input mode to the "Network" previously. Access to the control page on the projector by using the web browser. From the main menu, click Network Capture to display the setting page (Select the computer number to connect from the pull-down menu button of "Connecting PC"...

[Page 63: Registering The Computers](#)

Registering the computers Up to 10 computers can be registered. To register a computer, on the Network Capture setting page, click the page number "2" or "3" linked text to change to "Connection Setting" page and enter the IP address of the computer to the PC number, and then click Set button.

[Page 64: Advanced Using Example](#)

Chapter 5 Network Viewer & Capture Advanced using example Displays the presentation data stored in the computer by using the wireless mouse function from the projector. Start capturing of the computer PC1 by using the projector. Select "Network Capture" icon from the menu and select "PC1" and then select "Connect" p.63).

[Page 65: Create The Available Data \[File Converter\]](#)

Create the available data [File Converter] The image available with this projector is the JPEG format. There are several types of JPEG data. Before using the images with the Network Viewer function, it should be converted to the optimized JPEG data for this projector. [1] How to use the Network Viewer (File Converter 1) The File Converter 1 is a software to convert from the JPEG data or bitmap data to the optimized JPEG data for the projector.

[Page 66: Converting Procedure](#)

Chapter 5 Network Viewer & Capture Converting procedure Select a folder in which the image files are stored by the explorer window. The preview images of the available image data (JPEG file, BMP file) in the selected folder are displayed on the preview window. * On the preview window, the preview displayed with the red frame represents a file not optimized JPEG file or BMP file for the projection.

[Page 67](#) Setting of conversion mode When clicking Change button on the confirmation window in the step 3 on the previous page, following option setting window appears. Conversion type: Fit ...Converts as either width or height of the image sets to be the maximum screen width or height.

[Page 68: How To Use The Network Viewer \(File Converter 2\)](#)

Chapter 5 Network Viewer & Capture [2] How to use the Network Viewer (File Converter 2) The File Converter 2 is a kind of the printer driver software to convert to the optimized JPEG data for the projection from the any documents created by the other software such as text editor, spreadsheet or presentation software.

[Page 69: Making A Program File \[Program Editor\]](#)

Making a program file [Program Editor] Network Viewer (Program Editor) is a tool to make a program file specify the stored information of the JPEG images in the file server (ftp server) and the order of the display images. Program Editor makes a folder "DispParam" at the login root directory in the file server and makes files as each program name into this folder.

[Page 70](#) Chapter 5 Network Viewer & Capture The setting window disappears and then the programs are listed on the window if there are program files at the login directory in the connected ftp server. Click New button. Enter a program name and click Add button. The folder selection window appears and select a folder in which the JPEG data are stored and then click Add button to register into the folder lists.

[Page 71](#) Use the web browser to access to the control page of the projector. Click Network Viewer on the main menu on the web page, then connect to the file server and select the program name which was made at previous section. The projector starts displaying the images along the program.

[Page 72: Using The Network Viewer Function](#)

Chapter 5 Network Viewer & Capture Using the Network Viewer function The Network Viewer is a function to acquire and project the JPEG image data on the screen from the file servers placed in the network. The projected image data are specified with the folder unit.

[Page 73](#) Select input mode to "Network" previously. Access to the control page on the projector by using the web browser. From the main menu, click Network Viewer to display the setting page. Setup the setting page [1] of the Visual Display. Host name ...Enter the name of ftp server, yourftp.server etc.

[Page 74](#) Chapter 5 Network Viewer & Capture Auto Display setting and control page [3] Auto Control ...Displays period (3 to 240 sec.), Repeating times (1 to 999 times) * 0 times represents endless display The display status is indicated on the text area. Start...Starts automatic-image displaying End ...Quits automatic-image displaying Stop ...Stops automatic-image displaying...

[Page 75](#) Program New Registration [4] Click on "New Registration" linked text. Enter a program name and click Select button. On the Folder Selection window, click a folder and click Add button. Repeat the above for adding some another folders. After finishing, click Close button. Check that the folder paths you added are listed on the text area.

[Page 76](#) Chapter 5 Network Viewer & Capture Program Confirmation & Change [4] Click on "Confirmation & Change" linked text. From "Program Name" pull-down menu button, select the program name you want to confirm or change. * Click Delete button to delete. * Click Select button to confirm or change the program.

[Page 77](#) [2] Control by the projector Select input mode to "Network" previously. Display the menu bar on the projected screen by pressing the MENU button on the projector or the remote control handset. Select "Network setting" icon by using the point buttons (7/8) and press SELECT button once.

[Page 78](#) Chapter 5 Network Viewer & Capture...

[Page 79: Chapter 6 Controlling The Multi-Projectors](#)

Chapter 6 Controlling the Multi-Projectors Network Unit OWNER'S MANUAL...

[Page 80: Multi-Control](#)

Chapter 6 Controlling the Multi-Projectors Display the main menu following to the login procedure described on page 26. Multi-Control This function enables to control the multiple projectors equipped with the Network Units that are connected to the network at the same time.

Click Multi Control on the main menu to display the control page.

[Page 81: Register Ip Address And Projector Name](#)

Register IP address and projector name Click on Projector Registration to display the registration page. Type the IP address and projector name* and the click Register button. Check IP address and projector name To check the registered information, click on Confirmation & Change. The registered information of the projector is listed as the right.

[Page 82: Exclude/Add/Delete A Projector](#)

Chapter 6 Controlling the Multi-Projectors Exclude/Add/Delete a projector To change the mode of the registered projectors, select a mode with the pull-down menu button under the IP address of the target projector and then click Set button. Mode Operation Control ...

[Page 83: Control](#)

Control Control Display the control page by clicking on Multi Control on the multi-control page. The setting pages are constructed from 1 to 6 page and each item is indicated on the next page. Load and apply the setting value The control sets saved for each projector (p.54) can be used while the multi-controlled projectors function is being used.

[Page 84](#) Chapter 6 Controlling the Multi-Projectors Control multi-projectors at the same time The valid controls are shown below. Please refer to item "Control the Projector" p.40) for further control and description. When the control button or setting button is clicked, the registered projectors for the multi-control are controlled at the same time.

[Page 85: Chapter 7 Use Of Serial Port](#)

Chapter 7 Use of Serial Port Network Unit OWNER'S MANUAL...

[Page 86: Serial Port Setting](#)

Chapter 7 Use of Serial Port This product provides a serial control port (RS-232C) to control the external equipment which has an RC-232C port. This function allows external equipment to be controlled by the computer through the network and the projector can be controlled by the external serial controller.

[Page 87: Lan Port](#)

Setting for controlling the equipment connected to the serial port from the computer Serial Control :Selects "External" Port :Sets according to the computer specified port no. Do not use port no. 10000* :Sets according to the communication condition of the equipment Setting for controlling the projector from the serial controller connect...

[Page 88: Control Examples](#)

Chapter 7 Use of Serial Port Control Examples Example 1 Controlling AV equipment through network Example 2 Controlling a projector which is not on the network function through network. Turn on the projector PJ1. Internet Intranet Turn on the DVD player and start playing.

[Page 89](#) Example 3 Controlling the projector with the serial controller through the serial port (RS-232C). Internet Intranet Use proper serial cable depending on the connected equipment port specification. Please refer to "Port Specification" of the serial port specification of this product (Control Examples Serial controller RS-232C serial cable...

[Page 90: Use Of Telnet](#)

Chapter 7 Use of Serial Port Use of Telnet You can control the equipment connected to the serial port on the network unit and the projector itself by using the telnet application* following is a control example of external equipment. The telnet application is needed to use commands* which controls the external equipment.

[Page 91](#) When communication is established, the word "PASSWORD:" appears on the window. Type the login password* for the projector and then press "Enter" key on the keyboard. If you do not register the login password, just press "Enter" key. When the word "Hello" is replied, login has been succeeded. Type the commands from the key board to control the external equipment and then enter "Enter"...

[Page 92: Control The Projector With Telnet](#)

Chapter 7 Use of Serial Port Control the projector with Telnet This product allows you to control the projector by using the Telnet application. Normally, it is used for controlling the external equipment connected to the serial port and also control the projector itself by specifying the telnet port no.10000. * It is not affected by the serial port setting of the projector when using the telnet appli- cation.

[Page 93: Chapter 8](#)

Chapter 8 Appendix:A Connection examples Web browser setting Technical data Network Unit OWNER'S MANUAL...

[Page 94: Examples Of Connection](#)

Chapter 8 Appendix Examples of Connection Peer-To-Peer connection Connecting the projector (PJ01) to the control computer (PC05) directly Projector Name: PJ01 IP Address : 192.168.0.2 Subnet Mask : 255.255.255.0 Default Gateway : 0.0.0.0 : 0.0.0.0 Connecting the projector (PJ01) to the control computer (PC05) via the hub. Projector Name: PJ01 IP Address : 192.168.0.2...

[Page 95](#) The gateway (Router) installed in the network Connecting the projector (PJ01) to the control computer (PC05) via the gateway. Meeting Room Projector Name: PJ01 IP Address : 192.168.200.15 Subnet Mask : 255.255.255.0 Default Gateway : 192.168.200.1 : 192.201.1.5 Network Group: 192.168.200.0 To another network Office Computer Name: PC05...

[Page 96: Web Browser Setting](#)

Chapter 8 Appendix Web browser setting This product is designed to enable the projector 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 97: Windows Xp Professional](#)

Web browser setting Examples: OS/Browsers Windows XP Professional Internet Explorer v.6.0 ActiveScript setting Select the Internet Options menu from the Tool 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 98](#) Chapter 8 Appendix Proxy setting Select the Internet Options menu from the Tool 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 99](#) Web browser setting Netscape Navigator v.7.0 JavaScript Setting Select the Preference menu from the Edit menu on the web browser and then select the item Advanced/Scripts & Plugins in the Category column. Make sure that the Enable JavaScript for Navigator is checked. Network Unit OWNER'S MANUAL...

[Page 100](#) Chapter 8 Appendix Proxy setting Select the Preference menu from the Edit menu on the web browser and then select the item Advanced/Proxies in the Category column. Properly set up your web brows- er's the proxy server settings according to the local area network environment to which the projector is connected.

[Page 101: Product Specification](#)

Product specification Type ...PJ-Net Organizer (Network Unit) LAN interface ...Applicant regulation IEEE802.3 (10Base-T) Network protocol ...TCP/IP specification Serial interface ...RS-232C Baud rate Flow control Parity check Terminal Power source ...Supplied from the projector Power consumption ...3.0 watts Dimensions (W x H x D)...5.20" x 1.32" x 4.13" (132 x 33.6 x 105mm) Weight ...0.57 lbs (258 g) Built-in battery ...Lithium battery, Type CR2032, 3.0V Operating temperature...41°F ~ 95 °F (5°C ~ 35 °C)

[Page 102: Port Specification](#)

Chapter 8 Appendix Port Specification LAN port specification 8-pin modular connector (RJ-45) 1 2 3 4 5 6 7 8 pin No. Serial port specification D sub 9-pin connector (RS-232C) Pin No. Signal (not used) (not used) (not used) (not used) Signal Ground (not used)

[Page 103](#) Appendix:B Network Unit OWNER'S MANUAL...

[Page 104: Faq](#)

Chapter 8 Appendix 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 (- Check the connection of LAN cable if the LINK indicator does not illuminate orange.

[Page 105](#) 3. Enter the projector's IP address [192.168.0.2] at "Address" column on the Web browser. [Note] Make sure that the proxy setting of your web browser is set "Not use a proxy server" (4. If the login page appears, this product is operating properly. The problems may be in the network configuration of the computer or in the network.

[Page 106](#) Chapter 8 Appendix How can I install several projectors equipped with the Network Unit? Install and configure network one by one to avoid the IP address collision each other (p.21). To configure the IP address please see item "Network configuration" p.18).

[Page 107](#) Operation Why can't I change the controls in the setting page with web browser? Please make sure the projector is turned on. If it is in the standby mode, the setting is not effective to the projector. To control the projector with a web browser, the projector must be in the powered-on condition.

[Page 108](#) Chapter 8 Appendix Why am I not receiving E-mail alert messages? Make sure that the registered E-mail address and SMTP server address are correct. If the SMTP server is located in your LAN (Local Area network), the address should be set to the SMTP server in your LAN. The SMTP server located outside of your LAN may not be available for security reason.

[Page 109](#) Can I update the firmware of the Network Unit. 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"...

[Page 110](#) Chapter 8 Appendix 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. Rule1 Do not configure the same IP address to the network equipment in the same network group.

[Page 111](#) Network Capture Why doesn't the computer screen appear on the projected screen? 1. Make sure that the input mode of the projector is "Network". 2. Make sure that the Network Capture icon on the task bar of the computer is active (p.60).

[Page 112](#) Chapter 8 Appendix File Converter 1 What kind of image formats can I convert? The File Converter 1 enables to convert to the JPEG format from the following image format. Bitmap format (.bmp) JPEG format (.jpeg .jpg) File Converter 2 Sometime I have the white frame images converted by the File Converter 2.

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This manual is also suitable for:

[Pj-net organizer plusPoa-pn02](#)

