Sanyo KA-PN04 Owner's Manual

Pd-net organizer

1
2
3
Table Of Contents
4
5
6
7
8
9
10
11
12
13
14
15
16
17

-

Table of Contents

Bookmarks

Quick Links

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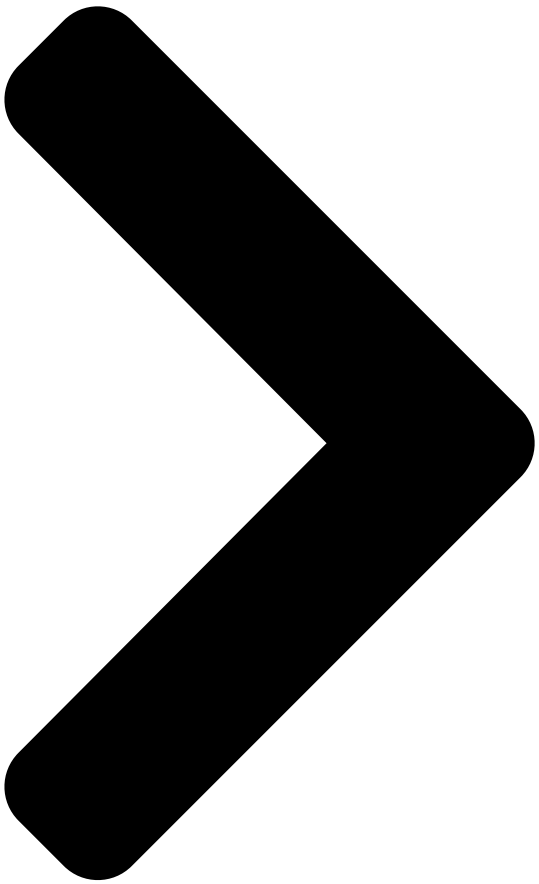

PD-Net Organizer

OWNER'S MANUAL

PD-Net Organizer

Model No. KA-PN04

Preparation
Installation
Basic Setting and Operation

Controlling the Monitor
Serial Port Use
Appendix
INSTALLATION and OPERATION of the PD-Net Organizer

This PD-Net Organizer is an optional product to control and set up a monitor via a network. Attach this product to the monitor and connect a network cable. By accessing the connected monitor using the web browser on your computer, the monitor can be controlled and set up remotely.

This product is only used for Plasma Monitors that have a terminal for the PD-Net Organizer.

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

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Sanyo KA-PN04

Network Card Sanyo Network Board MD13NET Owner's Manual

Network board (92 pages)

Network Card Sanyo POA-MD13NET2 Owner's Manual

Network board for hd series (176 pages)

Network Card Sanyo PDG-DHT100L - DLP Projector - HD 1080p Owner's Manual

Instruction manual, pdg-dht100l poa-md13net2 (92 pages)

Network Card Sanyo PJ-Net POA-LN01 Installation And Operation Manual

Sanyo pj-net organizer owner's manual (52 pages)

Network Card Sanyo POA-MD26HDWL Owner's Manual

Hd data wireless receiver board (4 pages)

Network Card Sanyo POA-MD17SDID POA-MD17SDID Instruction Manual

Hd&sd-sdi module card (8 pages)

Summary of Contents for Sanyo KA-PN04

Page 1

PD-Net Organizer PD-Net Organizer Model No. KA-PN04 Preparation Installation Basic Setting and Operation Controlling the Monitor Serial Port Use Appendix INSTALLATION and OPERATION of the PD- Net Organizer This PD-Net Organizer is an optional product to control and set up a monitor via a network. Attach this product to the monitor and connect a network cable.

Page 2: Federal Communication Commission Notice

Model Numbers : KA-PN04 Trade Name : Sanyo Responsible party : SANYO FISHER COMPANY Address : 21605 Plummer Street, Chatsworth, California 91311 Telephone No. : (818)998-7322 Trademark Ethernet is a registered trademark of Xerox Corporation. Microsoft, Windows, Windows NT are registered trademarks of Microsoft Corporation.

Page 3: Use Of This Manual

It may cause fire or an accident depending on the change of environment. CAUTION 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.

Page 4: Table Of Contents

Contents Features ..... . .5 4 Serial Port Use ....39 Operating Environment .

Page 5: Features

Preparation Features Web Management function With this function, you can watch monitor functions such as power status, input mode, sig- nal condition, monitor-use time, etc. through the network by using the web browser installed on your computer. Power ON ! E-Mail Alert function Monitor (PD-Net Organizer) sends messages to the registered e-mail addresses when a power failure occurs with the monitor.

Page 6: Operating Environment

Preparation Operating Environment To perform the management and setting up the monitor using this product, the environ- ment described below is required. Operating System Windows 98 Windows Me Windows NT4.0 Windows 2000 Windows XP Web Browser* Internet Explorer version 5.0, 5.5 or 6.0 Netscape Navigator version6.1, 6.2, 7.0, or 7.1 * Used to control and set

up the monitor.

Page 7: Installation

Installation...

Page 8: Flow Of Installation

Installation Flow of installation The following are instructions for attaching this product to the monitor and connecting it to the network. Please review the entire procedure to become familiar with it. Check package (p.9) Please check the contents of a package. This product contains a network board, an interface cable, and an owner’s manual (this manual).

Page 9: Name And Function Of Each Part

Name and function of each part Name and function of each part Network Board Power indicator This illuminates red when the network board is mounted onto the monitor and the AC plug is connected . Serial port Connecting the Serial cable. LAN port LINK indicator (Orange) Connecting the LAN cable.

Page 10: Mounting

Installation [1] Mounting Disconnect the AC plug from the monitor. Remove 2 screws on the back of the cabi- net, and then remove the terminal cover. Terminal Cover Insert the network board into the monitor, and fix it with 2 screws removed at step 2. Caution The AC cord must be disconnected from AC power outlet when mounting or removing this product.

Page 11

Mounting Insert the output cable to the monitor (input port). Set the Option Switch from the Center position to the Top position. Center Cannot use the serial port of the monitor in this position. Set back to the Center Position position when the network board is not used.

Page 12: Connection Of Lan Cable

Installation [2] 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 13: Network Configuration

Network configuration [3] Network configuration When you connect a monitor to a network, the network number of monitor must be the same as the network you intend to connect. You should configure monitor’s network first. Make sure that the monitor is connected to the network correctly. To configure the network, use the computer.

Page 14: Configure The Network With The Computer

Installation Configure the network with the computer This example explains how to set the following configuration. IP Address : 172.021.095.224 Subnet Mask : 255.255.255.0 Default Gateway : 172.021.095.001 : 172.021.001.053 The default network configuration is set as follows. IP Address : 192.168.0.2 Subnet Mask : 255.255.255.0...

Page 15: Completing Of Installation

Network configuration Configure the network of the monitor by using the web browser. . Enter the IP address of the monitor as the URL. The login page will be displayed and login. For further information, please see chapter “2: Basic Setting and Operation” on page 21.

Page 16: Flash Player

Installation Flash Player The Macromedia Flash Player version 6 or later is required when you control the monitor. If your computer does not have, follow to the message on the control page to install the Macromedia Flash Player. For further product information or installing, see the Macromedia homepage (http://www.macromedia.com).

Page 17: Configure The Network Of Computer

Configure the network of computer Configure the network of computer When you use the monitor through the network, the IP address of the monitor must be the same IP network number of the existing network. Also it is required to use the same IP network number of the

computer to set up the monitor.

Page 18: Windows 2000/Nt4.0

Installation Windows 2000/NT4.0 This example explains how to set the following network address. IP Address : 192.168.0.5 Subnet Mask : 255.255.255.0 Gateway Address : 192.168.100.1 Select the Network and Dial-up Connections menu from [Start] - [Settings] menu. Click the Local Area Connection icon with right button of the mouse and then select the Properties menu from the popup menu.

Page 19: Windows Xp

Configure the network of computer Windows XP This example explains how to set the following network address. IP Address : 192.168.0.5 Subnet Mask : 255.255.255.0 Gateway Address : 192.168.100.1 Select the Control Panel menu from the [Start] menu. Click the Network and Internet Connection and then click the Network on the control panel.

Page 20: Notice About System Construction

Installation Notice about system construction In case of installing the monitor with PD-Net Organizer into the network constructed with the DHCP/BOOTP server. This PD-Net Organizer does not support the DHCP/BOOTP server. The static IP address must be configured by the manual. To use this product in this network environment, set it up so that the DHCP/BOOTP server does not assign the IP address configured to this product for another device on the network.

Page 21: Basic Setting And Operation

Basic Setting and Operation...

Page 22: Login The Setting Page Of The Monitor

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

Page 23: Display Of Main Setting Page

Login the setting page of the monitor Display of setting page The following setting page of the monitor is displayed. Perform the various kinds of set- ting through this page. Press a button of Main Menu to display the control or setting page.

Page 24: Initial Settings

Basic Setting and Operation Initial Settings After installing this product onto the monitor, perform the following basic initial setting. Press the Initial Setting button on the main menu to display the initial setting page. The password can be set in this page. Password Setting This page is to set the password to restrict the access from an unauthorized person through the network.

Page 25: Network Configuration

Network Configuration Network Configuration Press the Network Setting button on the main menu. The following setting page is dis- played. This page is to set the IP Address, Subnet Mask, Default gateway, DNS (Domain Name Server) and Model ID. Configure the network The IP address and Subnet Mask have been configured already in chapter “1: Installation”...

Page 26: E-Mail Setting

Basic Setting and Operation 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 monitor or when the panel usage time reaches to setting time. Press the E-Mail Setting button on the main menu and follow the below steps.

Page 27: Mail Check And Delete

E-mail Setting Mail Check and Delete Select "Mail Check and Delete" of sub menu. The registered address is displayed as the "Mail To" address. To delete the registered address, check the box and press the Delete button. Option (Condition selection for sending alert

message) Select "Option"...

Page 28: Examples: Type And Contents Of Alert Mail

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

Page 29: Snmp Setting

SNMP Setting SNMP Setting This product can be used for SNMP (Simple Network Management Protocol) function. Press the SNMP Setting button on the main menu and follow the below steps. PDP Information (Setting SNMP Agent) Select "PDP-Info" of sub menu, type the MIB of SNMP agent (A contact name and a place of this product) or a community name (reference or setting) and press the Set but- ton for setting.

Page 30: Trap Check And Delete

Basic Setting and Operation Trap Check and Delete Select "Trap Check and Delete" of sub menu. The registered trap is displayed. To delete it, check the box and press the Delete button. Trap Option (Selection for sending alert message) Select "Trap Option" of sub menu.Type the panel usage time that you want to set, and check the condition items under which alert messages will be sent and press the Set button.

Page 31: Controlling The Monitor

Controlling the Monitor...

Page 32: Check The Status Of Monitor

Controlling the Monitor Check the status of monitor In the "Status" page, you can check the status of the monitor as follows: Status 1 Power: Condition of Power Power ON / Power Error / Power OFF Input: Input Mode AV1 / AV2 / AV3 / COMPONENT1 / COMPONENT2 / PC / DVI Video Signal: Availability of Input Signal Yes / None Panel Usage: Accumulated Panel-use Time...

Page 33: Status 2

Check the status of monitor Status 2 Front Key Lock: Front Key Lock of Monitor Unlock (Normal) / Lock Remote Control: Button Lock of Remote Control Unlock (Normal) / Lock Volume Mute: (Volume) Mute On-Off OFF / ON DPMS: Setting of DPMS OFF / ON Screen Saver: Condition of Screen Saver...

Page 34: Control The Monitor

Controlling the Monitor Control the monitor Press the Control button on the main menu. The sub menu for controlling the monitor will be displayed on the upper side of the page. When you click each control item, the control page is displayed according to the sub menu you selected. Please see the owner's manual of the monitor to have the further information of each control item.

Page 35: Input

Controlling the monitor Input Click the Input on the sub menu. The control page will be displayed. Select an input source with radio button and press the Set button to change the input source. Sound Click the Sound on the sub menu. The control page will be displayed. Select the volume mute on or off with radio button and press the Set button to set the vol- ume mute on or off.

Page 36: Wide

Controlling the Monitor Wide Click the Wide on the sub menu. The control page will be displayed. Select a wide mode with radio button and press the Set button to change the wide mode. The wide mode cannot be changed depending on the input signal. Please see the owner's manual of the monitor to have the further information.

Page 37: Other 1

Controlling the monitor Other 1 Click the Other 1 on the sub menu. The control page will be displayed. Select the item of Front Key Lock, Remote Control Lock, or DPMS with radio button and press the Set button to change these functions. Both Front Key Lock and Remote Control

Lock functions cannot be set on.

Page 38: Make A Memo

Controlling the Monitor Make a memo This function can be used as a memo. Press the Memo button on the main menu. The fol- lowing setting page will be displayed. Press the Save button to memorize. The maximum 127 characters can be typed. Use other command This function can be used to send other command which does not have in the menu of this board.

Page 39: Serial Port Use

Serial Port Use...

Page 40: Example Of Connection

Serial Port Use This Network Board provides with a serial control port (RS232C) to control the monitor. Example of Connection Control the monitor through network and serial control function. DVI (PC) Power ON ! RS232C serial cable with reverse type (Not supplied) Specification and Setting of RS232C Terminal Terminal : HDB9-PIN Pin Configuration...

Page 41: Command For Controlling The Monitor

Serial Port Use Command for controlling the monitor The below commands for controlling the monitor can be used. Please see the owner's manual of the monitor for further operation. COMMAND (ASCII) OPERATION COMMAND Power On-Off (Stand by) Power On Power Off Volume Up Volume Down Mute...

Page 42: Service Setting

Serial Port Use If you forgot the password or address, you can check it or write a new one it to communi- cate to the Network board by using a serial port (RS232C). Service Setting To enter the Service Mode Turn the monitor on.

Page 43: To Read Password Or Address

Service Setting To read Password or Address Enter the service mode. (See a previous page) Send a command (ASCII) of table1 to the Network Board. The Network Board sends a return of table1 to your computer. Exit the service mode. Table1 Item to read Command...

Page 44 Serial Port Use...

Page 45: Appendix

Appendix...

Page 46: Examples Of Connection

Appendix Examples of Connection Peer-To-Peer connection Connect the monitor (PD01) to the control computer (PC05) directly. Computer Name: PC05 IP Address : 192.168.0.5 Subnet Mask : 255.255.255.0 Default Gateway Monitor Name: PD01 IP Address : 192.168.0.2 Subnet Mask : 255.255.255.0 Default Gateway : 0.0.0.0 : 0.0.0.0...

Page 47: The Gateway (Router) Installed In The Network

Examples of connection The gateway (Router) installed in the network Connect the monitor (PD01) to the control computer (PC05) via the gateway. Meeting Room Computer Name : PC205 IP Address : 192.168.200.5 Subnet Mask : 255.255.255.0 Default Gateway : 192.168.200.1 : 192.201.1.5 Monitor Name: PD01 IP Address...

Page 48: Web Browser Setting

Appendix Web browser setting This product is designed to enable the monitor 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 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 50 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 monitor is connected.

Page 51 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.

Page 52 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 browser's the proxy server settings according to the local area network environment to which the monitor is connected.

Page 53: Product Specification

Product Specification Product specification Type .....PD-Net Organizer LAN interface .....Applicant regulation IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) Data transfer speed 10Mbps/100Mbps data transfer mode Half duplex/Full Duplex Terminal 8-pin modular (RJ-45) Network protocol TCP/IP specification TCP/IP Serial interface RS232C Baud rate 19.2Kbps (Fixed) Terminal D sub 9-pin Power source .....Supplied from the PDP monitor...

Page 54: Port Specification

Appendix Port Specification LAN port specification 8-pin modular connector (RJ-45) 1 2 3 4 5 6 7 8 pin No. Signal Function Transfer data (+) Transfer data (-) Receive data (+) (not used) (not used) Receive data (-) (not used) (not used) Input port specification Port of PDP Monitor...

Page 55: Mac Address

MAC Address MAC Address The MAC address is indicated on the rating label at the top of the cabinet case.

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