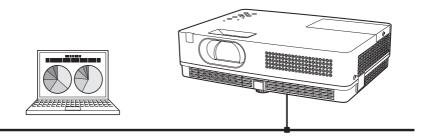


Network Set-up and Operation

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.

Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment causes harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment.

: PLC-XD2200/XD2600, PLC-XR2200/2600, PLC-XE34
: Sanyo
: SANYO NORTH AMERICA CORPORATION
: 21605 Plummer Street, Chatsworth, California 91311
: (818)998-7322

CAUTION IN USING THE PROJECTOR VIA NETWORKS

- 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

• We assume 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.

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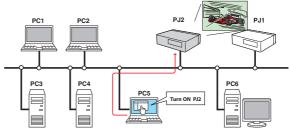
Chapter 1 Preparation

Describes features and operating environment of this projector.

Features

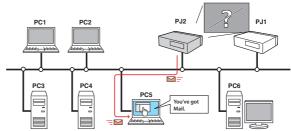
Web Management function (PP.31)

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 your computer.



E-Mail Alert function (187 p.25)

The projector sends messages to the registered e-mail addresses when a lamp abnormality or power failure occurs with the projector. This message describes how to solve the cause of the problems. You can take efficient action for quick recovery.



Required operating environment for computers

When operating the projector via networks, computers should meet the operating environment below.

Operating System		Windows 98, Windows Me, Windows NT4.0 Windows 2000, Windows XP, Windows Vista (32bit version) Windows 7 (32bit version) Mac OS X v 10.4 or later			
	Recommended CPU	Windows: Higher than Pentium III 900MHz Macintosh : 800 MHz PowerPC G4 or faster,or 1.8GHz Intel Core Processor or faster			
Computer	Memory	Windows : 64MB (Minimum)/ 128MB or more (Recommended) 128MB or more for Windows XP 1GB or more for Windows Vista Macintosh : 256MB or more (512MB is recommended)			
Computer environment	HDD free area	100MB or more			
	Drive equipment	CD-ROM drive			
	Display setting of computer	Support one of following resolutions; VGA (640 x 480), SVGA(800 x 600), XGA(1,024 x 768) Number of col- ors: Either of 16 bit (65,536 color 24/32 bit (16.77 million colors))			
	Network card	The computer must provide a 10Base-T or 100Base-TX network card.			
Web Browser*		Internet Explorer version 5.0, 5.5, 6.0 or 7.0 Netscape Navigator version 7.1 or 9.0 Safari 3.0 or later * Used to control and set up the projector. The layout of pages in the browser may slightly differ from each type of application or operating system you use.			
Internet Mailer*		 Microsoft Outlook Microsoft Outlook Express Netscape Mail Required the internet e-mail application software to receive an e-mail alert sent from this projector. If you do not use the func- tion E-mail Alert, this application is not required. 			

Network specifications of the projector

LAN Terminal

Data communication standards	100Base-TX (100Mbps)/10Base-T (10Mbps)
Protocol	TCP/IP

The limitation^{*1} of connection between the projector and hub or computer

Connection Type of usable LAN cable		Maximum length
Projector - Hub	UTP Straight Cable with category 3 or 5 $*^2$	100m
Projector - Computer	UTP Cross Cable with category 3 or 5^{*_2}	100m

Suitable LAN cables are limited by length and type as follows;

*1 There may be other limitations depending on your network environment or LAN specification. Please consult your network administrator for further details.

*2 Category of LAN cable indicates the cable quality. Normally, a cable with category 3 or 5 is used for 10Base-T network, and a cable with category 5 is used for 100Base-TX network.

Notice

Expression/Abbreviation

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.

Use of this manual

This manual does not provide the description of basic operation and functions for computer, web browser, projector and network. For instructions about each piece of equipment or application software, please refer to the respective booklet.

Trademarks

Ethernet is a registered trademark of Xerox Corporation. Microsoft, Windows, Windows NT, Windows XP, Windows Vista and Windows 7 are registered trademarks of Microsoft Corporation. Internet Explorer is a registered trademark of Microsoft Corporation. Netscape Navigator and Netscape Communicator are trademarks or registered trademarks of Netscape Communications Corporation. JavaScript is a registered trademark of Sun Microsystems, Inc.

Macintosh is a registered trademark of Apple, Inc. in the USA and other countries. PowerPC is a registered trademark of IBM Corporation. Intel Core is a registered trademark of Intel Corporation in the USA and other countries.

Other product or brand names in this manual are registered trademarks or trademarks of their respective owners.

* Unauthorized use of a part or whole of the contents in this manual is prohibited.

* The contents of this manual are subject to change without notice.

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 projec
 - tors, then start browser configurations.
 - \rightarrow "3. Basic setting and operation" (pp.17–30).

STEP 2 Network Configuration has completed.

Follow each chapter to operate the projector.

- Operate and manage the projector → "4. Controlling the projector" (pp.31-42)
 - → "Power Control and status check" (p.32)
 - → "Control" (p.34)
 - → "PC adjustment" (p.38)
 - → "Setting up the projector" (p.39)
 - → "Projector information" (p.42)

Chapter 2 Setup Procedures

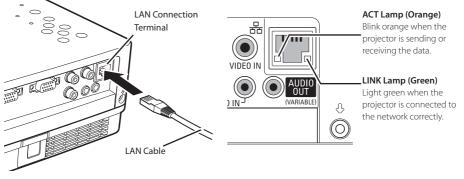
2

Describes how to configure the network.

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.

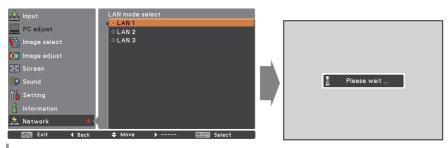


Network configuration

Set the Wired LAN network through the projector menu. Detailed network settings will be made with browser. Refer to "3. Basic setting and operation" (p.17-30). First, complete the settings described in this chapter before performing steps in "3. Basic setting and operation."

Setting Procedure

- 1. Select "LAN mode select" in the Network menu, and press Point ▶ or **SELECT** button.
- 2. Select similar LAN environment among LAN1, LAN2 and LAN3 with the Point ▲▼ buttons. Then the Menu will disappear, the "Please wait..." message will appear, and switching operation will start. Switching will take a while and the projector's LINK/ACT Lamp will be on or blink, and after completing the operation, the "Please wait..." message will disappear.

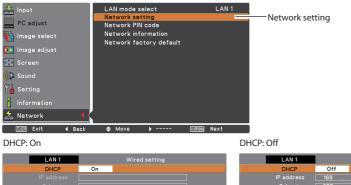


3. Select "Network setting" in the Network menu and press **SELECT** button, and then the LAN setting screen will appear and selected LAN settings will be displayed. Adjust each item to the setting environment. Consult your system administrator about the detailed settings.

Press **SELECT** button in a row where you want to adjust, and adjust the figures with the Point \blacktriangle buttons and move among the items with the Point \blacklozenge buttons, and then press **SELECT** button to fix. Move to the next row with the Point \blacktriangle buttons to adjust.

4. After completing all the settings, select "Set" and press **SELECT** button. Now, all procedures have been done. To cancel the adjusted settings, select "Cancel" and press **SELECT** button.

You can confirm the LAN settings you have made from "Network information" (p.14). In such cases that the LAN cannot be connected, see this screen.



DHCP	On			DHCP	Off			
IP address				IP address	169 .	254 . 100	. 100	
Subnet				Subnet	255 .	255 . 0	. 0	
Gateway					255 .	255 . 255	. 255	
DNS					255 .	255 . 255	. 255	
	Set	Cancel				Set	Cancel	
Exit	🗢 Adjust 🕨	🖽 Set	XENU EX	it 🖌	💠 Mov	p)	- EIII Set	
	Adjust P	Jet Jet			•		<u>CARD</u> Set	

* The numerical value is a setting example.

ltem	Description
DHCP	"Sets DHCP function On or Off. When you setup the network setting manually, select
	"Off". When it is set On, IP address, Subnet, Gateway and DNS are automatically set according to your network environment *1.
IP address	Sets IP address of the projector
Subnet	Sets Subnet mask. Normally sets 255.255.255.0
,	Sets IP address of the default gateway (Router) Sets IP address of the DNS server.

*1 Set "On" only when the DHCP server is available on your network environment.

*2 Set [255.255.255] if the network does not provide the gateway (router).

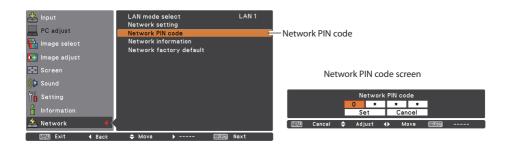
*3 Set [255.255.255.255] if you do not use the function E-mail alert.

Network PIN code

The Network PIN code is to restrict the access to the projector through the network. After setting the Network PIN code, you need to enter it to operate the projector via the networks.

- 1. Select "Network PIN code" in the Network menu, and press **SELECT** button.
- The Network PIN code screen will appear.
- 2. Set the Network PIN code.

Set the figures with the Point \blacktriangle buttons and move to the next items with the Point \blacktriangleleft buttons. Select "Set" and press **SELECT** button to set. To cancel the preset Network PIN code, select "Cancel". When you do not want to set the Network PIN code, set "0000". It is recommended to set the Network PIN code if you use the projector via the networks. The Network PIN code can be set also through the networks. See "3. Basic setting and operation" \rightarrow "Initial setting" \rightarrow "Network PIN code setting" (p.23).



Network information

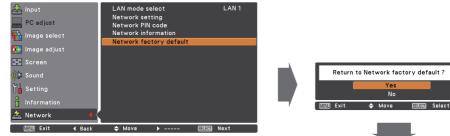
Select "Network information" in the Network menu and press Point ▶ or **SELECT** button to show LAN setting environment of the currently selected projector. (The description below is an example and different from what will be shown.)



* The numerical value is a setting example.

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. All the wired LAN settings will go back to the factory default settings. For details, refer to "Wired LAN factory default settings" (p.16).





Wired LAN factory default settings

Parameter		SELECTED LAN	
Parameter	LAN 1	LAN 2	LAN 3
DHCP	OFF	ON	OFF
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

.

.

3

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.

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" (1879 p.12).



* The numerical value is a setting example.

[2] Login

If the setting page has set the password, the authentication window will appear. In this case type "user" onto the **User Name** text area and the login Network PIN code onto the **Password** text area and then click **OK (Log in)** button.

* The entering User Name must be "user" and it can not be changed.

[Note]

When accessing the projector for the first time or the Network PIN code "0000" is set, the auto-login will be performed and the next main setting page is displayed.

	Connect to 192.1	68.1.201
		G P
	id = user	
	User name:	🖸 user 🔽
	Password:	••••
		Remember my password
		OK Cancel
Ć	"id = user" o	page, you need to log in to area on 192.168.1.201. d will be sent in the clear.
	Name:	user
	Password:	••••
	Rememb	er this password in my keychain
		Cancel Log In

[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.

Control Initial setting Input / System / Sound / Image_di Sub menu tab 32 Set - + Switches the sub Power & Status 32 Set - + menu tab. PC Adj 32 Set - + Set - + 32 ----Control Mid 🗸 Set 30 Setting White balance Red 32 Set - + Set - + Green 32 Set - + Blue 32 Network 8 Set - + Information 8 Set - + 9 ✓ Set L1 SNMP setting ✓ Set 11 Reset Image V Store Stancard ✓ Load Load Setting page Main menu Displays the control and For selection of control and setting items according to setting items of the projector. the selected menu.

Main setting page in the display

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.

* Each item has a valid setting range respectively.

	Control				
	Input / <u>System</u>	/ <u>Sound</u> /	<u>Image adi</u>		
	Contrast		32		Set - +
	Brightness		32		Set - +
	Color		32		Set - +
	Tint		32		Set - +
	Color temp.		Mid	~	Set
	White balance				
		Red	32		Set - +
313		Green	32		Set - +
		Blue	32		Set - +
116	Sharpness		8		Set - +
	Gamma		8		Set - +
	Noise reduction		L1	~	Set
	Progressive		L1	*	Set
1002	Reset				Reset
	Store		Image1	*	Store
	Load		Standard	~	Load

Types of setting

Text box setting

Enter a number or text and then click **Set** button.

or

Change a value with – Or + button.

Pull-down menu setting

Select an item with pull-down menu button and then click **Set** button.

Control Input / Syster	<u>n / Sound</u> / <u>Image adj.</u>	
Contrast	32	Set - +
Brightness	32	Set - +
Color	32	Set - +
Tint	32	Set - +

Tint	32		Set	- +
Color temp.	Mid		💙 Set	
White balance	High Mid			
	Red <mark>Low</mark> X Low		Set	- •
	Green <mark>32</mark>	~	Set	- +
	Blue <mark>32</mark>		Set	- +

The value in the text box indicates current value.

Each item has a valid setting range. The setting value exceeding this becomes invalid. Some control items can not be used depending on the selecting input mode or functions of the projector you use. In this case, the values of those items are indicated with "---".

Radio button setting

Select an item by selecting a radio button.



Check box setting

Select items by ticking on check boxes.

E-mail setting Option

- ✓ When PJ lamp is off.
- When PJ lamp replacement time is reached.
- ☑ When PJ needs service.
- ☑ When internal PJ temperature is too high.
- When PJ is turned into Standby in proper user operation.
- When accumulated filter use time reaches
 - hours.

n



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.

	Initial setting				
Initial setting	Language	English	~	Set	
🚯 Power & Status	Model name	XD2600			
	Network PIN code			Set	
PC Adj.	PJLink	OFF	¥		
💮 Control	Password Ver. 0.004			Set	
Setting					
- 💽 E-mail setting					
Network					
- 🕞 Information					
SNMP setting					

ltem	Description
Language	Switches display language on the setting page. (Japanese, English)
Model name	.Indicates the model name of the projector
Network PIN code	Sets the Network PIN code to login the setting page (🖙 p.23)
PJLink	Switches PJLink password authentication. (ON, OFF) (🖙 p.23)
Password	Password for PJLink function (☞p.23)

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

Language	English 🗸 Set
Model name	XD2600
Network PIN code	1234 Se
PJLink	OFF 🗸
Password	Se

about 10 seconds. Close (Quit) the web browser and access to the login page again in 10 seconds. This is to perform the login authentication firmly.

The default Network PIN code [0000] means no Network PIN code is set.

When you connect the projector to the network, it is recommended to set a new Network PIN code. Only a four-digit number is valid for the Network PIN code.

PJLink and password setting

This is to set the PJLink password authentication on or off. If set "On" with the PJLink pulldown menu, the password must be required. Enter a **password*** onto the text box and click **Set** button.

Initial setting	<u> </u>	
Language	English 🗠	Set
Model name	XD2600	
Network PIN code	1234	Set
PJLink	OFF	
Password	4321	Set
Ver. 0.015		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

I to 32 alphanumeric characters can be used for the password.

What's PJLink?

The projectors equipped with PJLink function can be used together on the same network, regardless of model or brand, for centralized control and monitoring. This standard was established by the Japan Business Machine and Information System Industries Association (JBMIA). Please visit the Website at http://pjlink.jbmia.or.jp/english/.

PJLink Notice

The projector is compliant with PJLink Standard Class 1 of JBMIA, and it supports all commands defined by PJLink Class 1 and is verified conformance with PJLink Standard Class 1.

Projector Input		PJLink Input	Parameter
Computer 2	RGB	RGB 1	11
Computer 1	RGB	RGB 2	12
	Component	RGB 3	13
	S-video	RGB 4	14
	RGB (Scart)	RGB 5	15
Video	Video	VIDEO 2	22



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". If you want to change them or configure default gateway or DNS, perform them in this page. If you change them, the projector begins restarting and it takes about 10 seconds. Close (Quit) the web browser and access to the login page again in 10 seconds.

🔊 Initial setting	Network setting		
	LAN mode	LAN1	
🔝 Power & Status	DHCP	OFF Y	
	IP address Subnet mask	172.21.99.254 255.255.255.0	
PC Adj.	Default gateway	172.21.99.1	
Control	DNS	172.21.1.53 Set	
Setting	Projector name		Set
E-mail setting			
Network			
Information			
SNMP setting			

Item Description	n
------------------	---

LAN modeDisplays the selected LAN mode

DHCP.....Sets DHCP configuration (ON/OFF).

IP addressSets IP address of the projector

Subnet mask......Sets Subnet mask. Normally sets 255.255.255.0

Default gateway*¹Sets IP address of the default gateway (Router)

 $\ensuremath{\mathsf{DNS}^{\ast_2}}\xspace$. Sets IP address of the DNS server. Must be set when using the e-mail function

Projector name*3.Sets name of the projector. (64 characters maximum)

You must use the number specified by your administrator. The address must be entered as a group with four numbers split by a dot like [192.168.001.101].

^{*1} Set [0.0.0.0] if the network does not provide the gateway (router).

^{*2} Set [0.0.0.0] if you do not use the function E-Mail alert.

^{*3} If you use the DNS server, register the host name registered to the DNS server as a projector name. You can access with this projector name from any computers in your network. If you do not use the DNS server, access with the assigned IP address to the projector.

^{*} All the network setting will reset to the default when setting [0.0.0.0] of the IP Address.

^{*} If you make incorrect settings, you cannot find out the new network settings. Be careful to set up them correctly, otherwise you cannot connect to the projector. It is recommended to make a note of them.



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.

Initial setting	SMTP server	smtp.abc.xxx.com		Set	
Power & Status	SMTP server port	25		Set	
	Administrator address	admin@abc.xxx.com		Set	
🗊 PC Adj.	Add address			Set	
💽 Control	SMTP Authentica	tion setting			
🐼 Setting	Auth	Off	~	Set	
Oetting	SMTP Auth		~	Set	
🔄 E-mail setting	User ID			Set	2010/00/0220
Network	Password			Set	
Network	POP server			Set	
🐻 Information	POP server port	110		Set	
SNMP setting	<u>Check/Delete</u>				
	Option				

Item Description

SMTP server	Enter server name or IP address of the SMTP server. (up to 60 characters)
SMTP server port	Enter Port number of the SMTP server. (from 1 to 65535)
Administrator address.	Enter e-mail address of administrator.
Add address	Enter e-mail address of the user to send mail when the projector has an
	abnormality.

SMTP Authentication setting

Auth	Sets authentication setting option. (Off, SMTP Auth, POP before SMTP)
	Sets user authentication setting option when selecting "SMTP Auth" in above column. (CRAM-MD5, LOGIN, PLAIN)
User ID	Enter SMTP user ID. (up to 63 characters)
Password	Enter SMTP password. (up to 63 characters)
POP server	Enter server name or IP address of the POP server. (up to 60 characters)
POP server port	Enter Port number of the POP server. (from 1 to 65535)

1 Setting SMTP server and administrator address

Enter the server name or IP address of the SMTP server*¹, the port number of the SMTP server and administrator address and click **Set** button. The administrator address is set to "Reply-To" address of the message sent from the projector.

E-mail setting		.
SMTP server	your_smtpserver	Set
SMTP server port	25	Set
Administrator address	admin@abc.xxx.com	Set
Add address		Set

*1 The SMTP server is a server for sending e-mail. Please contact your network administrator to have this SMTP server address.

2 Registering and deleting E-mail addresses

Enter the e-mail address onto "Add e-mail address" and click **Set** button.

your_smtpserver	Set
25	Set
admin@abc.xxx.com	Set
user5@abc.xxx.com	হন্
	25 admin@abc.xxx.com

Check / Delete

To check the registered addresses, click **Check/Delete** sub menu tab. The addresses are listed as the figure on the right.

✓ Up to 10 E-mail addresses can be registered.

To delete the registered addresses, check the address you want to delete and click **Delete** button.



If the projector sends an alert message due to the abnormality on the projector but the SMTP server is down in some other reason, the message will not be sent. In this case, the message "Unable to connect to server." will be displayed on the setting page. To clear this message, set up SMTP server address again.

 ${\mathscr O}$ To use the E-Mail function, it must be set the DNS address on the Network setting page correctly.

- You cannot use this E-mail function if the DNS server and SMTP server cannot be used in your network environment.
- The projector does not send message to the address set in "Administrator address" text box. If you want to send e-mails to the administrator address, enter the administrator address into "Add address" text box.

3 Setting SMTP authentication

Set the SMTP authentication concerned and click **Set** button. Please contact your network administrator in details.

SMTP Authentication setting		
Auth	Off 🗸 🗸	Set
SMTP Auth	CRAM-MD5	Set
User ID	user	Set
Password	****	Set

4 Setting POP server

When "POP before SMTP" is selected at "Auth" of "SMTP Authentication setting", enter "POP server*2" and "POP server port" and click **Set** button.

POP server	your_popserv	er		Set
POP server port	110			Set
<u> Check/Delete</u>				
<u>Option</u>				

*2 The POP server is a server for receiving e-mail. Please contact your network administrator to have this POP server address.

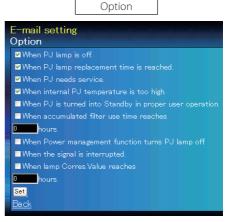
If the authentication is not completed when sending alert e-mail, the error message will be displayed. Please check the respective settings.

POP server		Set
POP server port	110	Set
Authentication failure.C Check/Delete	heck the respect	tive settings
<u>Option</u>	<u>e e e</u>	Error information

5 Option selection for sending alert mail

Click **Option** sub menu tab. Check the condition items under which alert mail will be sent and click **Set** button.

Please refer to item "Examples :Type and contents of alert mail" described on the next page.



"When PJ lamp is off" signifies the lamp goes out without user operation. "When PJ is turned into Standby in proper user operation" signifies that the projector is turned on by using the web browser and then it is turned into standby with ON/STANDBY button on the top control or the remote control.

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.

The following are examples of received messages.

• When internal PJ temperature is too high:

TITLE: Message from projector Projector Model Name: <i>model name</i> TCP/IP: 192.168.1.201 Projector Name: Proj05
It sends you following message.
*The Projector lamp is turned off, because internal projector temperature is too high. Wait for the completion of the cooling process and make sure the projector has been turned into Standby. Then turn the projector on again. If the Indicator continues flashing, check the air filter for dust accumulation.

When PJ needs service:

TITLE: Message from projector Projector Model Name: <i>model name</i> TCP/IP: 192.168.1.201 Projector Name: Proj05				
It sends you following message.				
*Maintenance requirement from Projector is detected. Check up LED status of projector and consult with the dealer.				
MCI 3.3V OK Error information				

The projector lamp was turned off, because the projector power circuit failed. Unplug the AC power cord and plug it, and then turn on the projector once again to verify operation. If the problem still persists, unplug the AC power cord and ask servicing to a qualified service personnel with the error information.

• 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 3000 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 poweron of the projector. This alert mail will not be sent when unchecking the mail sending condition "When PJ lamp replacement time is reached".



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 (readwrite). This projector allows to use Refer (read only) only. The SNMP message informs the projector status called "Trap" to an administrator. Click **SNMP Setting** on the main menu and set up each item.

Initial setting	SNMP setting PJ information		
🔝 Power & Status	Contact		Set
	Place		Set
PC Adj.	Community name(refer) put	blic	Set
💮 Control	Trap		
Catting	Community name put	blic	Set
Setting	Trap address		Set
E-mail setting	<u>Check/Delete</u> Option		
Network			
- 🕞 Information			
SNMP setting			

PJ information

Item Description			
Contact	Enter user name of the projector etc. (optional)		
Place	Enter place of the projector (optional)		
Community name(refer)	Enter community name (read only). Default name is "public".		

Trap

Community name......Enter community name to send "Trap". Default name is "public". Trap addressEnter IP address of the SNMP manager computer to receive "Trap".

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.



Trap option

Trap option setting

Tick check boxes in front of the condition item to send the trap.

Click Set button if you tick or un-tick the check box on a page.

SNMP setting Option				
I When PJ lamp is off.				
When PJ lamp replacement time is reached.				
When PJ needs service.				
☑ When internal PJ temperature is too high.				
When PJ is turned into Standby in proper user operation.				
When accumulated filter use time reaches				
0 hours.				
When Power management function turns PJ lamp off.				
When the signal is interrupted.				
When lamp Corres.Value reaches				
0hours.				
Set				
Back				

✓ Up to 99,999 hours can be set for the time setting.

[&]quot;When PJ lamp is off" signifies the lamp goes out without user operation. "When PJ is turned into Standby in proper user operation" signifies that the projector is turned on by using the web browser and then it is turned into standby with ON/STANDBY button on the top control or the remote control.

Chapter 4 Controlling the Projector

Describes controlling and setting of the projector by using the web browser.





Power control and status check

Click **Power & Status** on the main menu. The control page will be displayed.

By clicking \mathbf{ON} or $\mathbf{Standby}$ button on the page, the power of the projector can be controlled.

Initial setting	Power & Sta PJ status	atus			
Power & Status	Power Status	ON Normal			
🗊 PC Adj.	Power control	ON St	andby		
💿 Control				Confirmatior	n window
Setting					en the Standby
E-mail setting	255000000500000000000000000000000000000			button is pre	ssed.
Network					
Information	an pian (rian)				
SNMP setting					
				dicrosoft Internet	

Popup confirmation window

Cancel

OK

Item Description

PJ status

PowerDisplays the status of the lamp. (ON, OFF, On starting up, On cooling down)
StatusDisplays the status of the projector's power. (Refer to next page.)
Power control Controls the projector power by clicking the "ON" or "Standby" button.

 ${\mathscr O}$ The projector cannot be turned on while the projector is on cooling down.

The web browser checks and updates the projector's condition every 30 seconds automatically.

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 Temperature	The temperature of the projector became too high
Standby after Abnormal Temp	Projector detects abnormal temp. and sets into standby mode.
Power failure	Power failure has occurred inside the projector. Projector is turned
	off. Unplug the AC cord and ask servicing to a qualified service
	personnel.

When a security (PIN code lock) has been set on the projector, you also cannot control it through the network. To control the projector through the network, unlock the security on the projector using with the projector's menu control.

Caution about turning on/off the projector via the networks

When turning on/off the projector via the networks, preset the projector as follows:

1. Select "Setting" from the Projector menu.

2. Select "Standby mode" from the Setting menu and set it as "Network".

If you set this function as "Network", the network part of the projector is constantly provided with power even if the projector is turned off. If you set this as Eco, then the network part will be turned off when you turn off the projector. Consequently, you cannot turn on/off the projector via the networks.



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.

Initial settingPower & Status	Control Input / System / Sound / Image adj. © Computer1 RGB © Computer2 RGB
PC Adj.	● Video Set
💽 Control	
Setting	
E-mail setting	
Network	
🕞 Information	
SNMP setting	

Input

This function is to select the input mode and source mode of the projector. Click **Set** button after selecting the input and source mode.

ltem	Description
Input	.Selects input mode of the projector.
Source	.Selects signal source of the input.
	Computer1 : RGB
	Component
	RGB(Scart)
	S-video
	Computer2 : RGB Video

The control page displays valid control items depending on the selected input mode, signal or functions of the projector you use, therefore, there may be different controls between the described items and actual control items on the page display. For further information, refer to the projector's owner's manual.

When the projector is in standby, all the controlling items are inactive.

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.

Control Input / System	/ <u>Sound</u> / <u>image adj.</u>
System	Auto Set
	Auto
	PAL
	SEC AM
	NTSC
	NTSC4.43
	PAL-M
	PAL-N

Available selection at the RGB input

	•
ltem	Description
XGA1	lt automatically switches to the proper computer system of the input signal. * The computer system modes (VGA, SVGA, XGA. SXGA, UXGA, WXGA) which meet the input sig- nal are listed.

Available selection at the Video/S-video/Scart input

Item	Description
AUTO	It automatically switches to the proper color sys- tem of the input signal.
	* The selectable color systems are PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N.
	* AUTO is fixed at the Scart input.

Available selection at the Component input

ltem	Description
AUTO	
	system of the input signal.
	* The selectable scanning systems are 480i, 575i,
	480p, 575p, 720p, 1035i and 1080i.

ENGLISH

Sound

This function is to adjust the sound of the projector. The values in the text box represent the current control value or status.

Volume	15	Set - +
Vlute	OFF	V Set

ltem	Description
Volume	Adjusts the sound volume from the speaker. (0 \sim 31)
Mute	Suppresses the sound. (ON, OFF)

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.

ltem	Description	Control	<u> </u>	<u> </u>
Contrast	Adjusts picture con-	Input / System /	Sound / Image ad	
	trast (0~ 63)	Contrast	32	Set - +
Brightness	Adjusts picture bright-	Brightness	32	Set - +
-	ness (0~ 63)	Color	32	Set - +
Color	Adjusts picture color	Tint	32	Set - +
	saturation (0~ 63)	Color temp.	Mid	V Set
Tint	Adjusts picture hue	White balance		
	(0~ 63)		Red 32	Set - +
Color temp	Sets a color temperature	ab	Green 32	Set - +
	mode. (High, Mid, Low, XLow, User)		Blue 32	Set - +
White Balance		Sharpness	8	Set - +
Red, Green, Blue Adjusts each white		Gamma	8	Set - +
	balance respectively.	Noise reduction	L1	V Set
	(0~63)	Progressive	L1	V Set
	hen changing the value of the	Reset		Reset
W	hite balance, the color temp. dicates "User"	Store	Image1	V Store
	Adjusts picture	Load	Standard	V Load
51181 priess	sharpness. (0~ 15)			
Gamma	Adjusts brightness of da	rker part of the p	oicture. (0~ 15)	
	n Switches noise reduct			
	Switches progressive r			
-	Resets the Image adju			
	Stores the Image adju			mage1 - Image4] from
	the pull-down menu a			
Load	Loads the Image mod and click Load button input mode as shown	e. Select an ima . There may not	age mode from t t be available mo	

Input source Image mode Video Computer		
Dynamic	~	~
Standard	~	~
Cinema	~	*
Real	*	~
Blackboard(Green)	~	~
Colorboard	~	~
lmage1 - 4	~	~

The mark "\" means that the available image mode in the selected input source. The error message appears when selecting the disabled image mode indicated with "*".



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.

Initial setting	PC Adj.	K. K. K. K.	5 5 5 5	E E
	Current mode	XGA1		
Power & Status	Auto PC adj.	Auto PC adj.		
	Fine sync	9	Set - +	
PC Adj.	Total dots	1344	Set - +	
Control	Clamp	1	Set - +	
	Display area			
🐼 Setting		zontal <mark>1024</mark>	Set - +	
E-mail setting		ertical 768	Set - +	
	Position	zontal 296	Set - +	(Cesundianic)
Network		ertical <mark>35</mark>	Set - +	
Information	Reset	Reset		
	Mode	Mode1,Free	/ Store Free	
SNMP setting				

ltem	Description
Current mode.	Displays a current mode like VGA, SVGA, XGA. SXGA, UXGA, WXGA, etc. or Mode1 - Mode10 which are the customized mode created by using the "Mode Store" function described below.
Auto PC adj	Performs automatic adjustment.
Fine sync	Performs Fine Sync adjustment. (0 ~ 31)
Total dots	Adjust the number of total dots in the horizontal period.
Clamp	Adjusts the phase of the clamp.
Display area	
Horizontal	Adjusts the image area horizontally.
Vertical	Adjusts the image area vertically.
Position	
Horizontal	Adjusts the horizontal position of the screen.
Vertical	Adjusts the vertical position of the screen.
Reset	Resets the PC adjustments to the previous levels.
Mode Store	Stores the PC adjustment values. Select a mode no. [Mode1 - Mode10] from the pull-down menu.
Mode Free	Clear the PC adjustment values. Select a mode no. [Mode1 - Mode10] from the pull-



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.

Initial setting	Setting Screen setting / Setting1 / 2 / 3	
Bower & Status	Language Enelish Set	
PC Adj.	Auto PC adj ON	
Oontrol	Auto keystone OFF	
🐼 Setting	Background Black Set	
E-mail setting	Logo Default Set	aud dicio
🛞 Network		
🐻 Information		
SNMP setting		

Screen setting

This function is to adjust the screen mode of the projector. The values in the text box represent the current screen status.

Setting	
Screen settin	g / <u>Setting1</u> / <u>2</u> / <u>3</u>
Screen	Normal 🗸 Set
	Normal
	True
	Wide
	Full
	Custom

Item Description

ScreenSwitches the screen mode. (Normal, True, Wide, Full, Custom) There may not be available mode depending on the input mode as shown in the table below.

Input source Screen mode Video Computer		
Normal	~	~
True	*	~
Wide	~	~
Full	*	~
Custom	~	~

The mark "
"
"
means that the available screen mode in the selected input source system. The error message appears when selecting the disabled screen mode indicated with "*".

Setting 1

ltem	Description	Setting		- K. K. K.
Auto setup Auto PC Adj	Sets the language display of projector's on-screen display menu. Executes the Auto PC Adj, and Input Search function below according to the each setting after clicking Start button. Sets Auto PC Adjustment mode. (ON, OFF) Sets the auto-input signal detection mode. (ON1. ON2. OFF)	Screen setting / Settin Language Auto setup Auto PC ac Input searc Auto keystor Background Display Logo	English Start Jj. ON h ON2	V Set V V Set V Set V Set
Auto keystone.	Sets Auto Keystone mode. (Auto, Manual, OFF)			
	Sets the screen background when no sign Switches on or off the on-screen menu disp ON) Countdown offDisplays image during th Sets on or off the logo display on the scree	play on the screen.	(OFF, Coun	

Setting 2

ltem	Description	Setting		
Ceiling	Sets the image top/bottom and left/ right reversed. (ON, OFF)	Screen setting / Setting Ceiling -	OFF	
Rear	Sets the image left/right reversed. (ON, OFF)	Rear Terminal	OFF V Computer2 V	Set
Terminal	Sets the COMPUTER IN 2/MONITOR OUT terminal. (Computer2, Monitor out)	Power management Tim- Direct on	OFF V e 5 min. OFF V	Set - +
Power		Lamp control	Eco	Set
management	Sets into the selected power manage- ment mode (Ready, Shutdown, OFF) if the input signal is interrupted and no cor of time. *The specified time can be set 1 to 30 mi		for the specifie	d period
	Sets the power-on mode when the AC co Selects lamp control mode. (High, Norma		the outlet. (ON	I, OFF)

Setting 3

ltem	Description	Setting	<u> </u>	<u> </u>
Key lock	Sets the prohibition of controls either	Screen setting / Settin Key lock	<u>ig1 / 2 / 3</u> Off	V Set
	Projector or Remote control. (OFF,	Fan control	ON2	V Set
Fan control	Projector keys, Remote control) Sets the fan control speed.	Lamp Corres.Value(h)	78	Reset
	OFF Normal mode	Filter counter(h)	59	Reset
	ON1 Highland mode 1	Filter warning	200H	✓ Set
	ON2 Highland mode 2	Factory default	Execute	
Lamp Corres.		No show	OFF	🛩 Set
Value(h)	Displays the lamp use time	Freeze	OFF	🗸 Set
	(Corresponding value) . Reset the time	Closed caption	Set	
	after lamp replacement. Click "Reset", a confirmation display appears, and then	Closed capti		*
	click "OK", the time will be reset.	Col	lor Color	~
Filter counter	Displays the filter counter. Reset the time			
	after filter clean-up. Click "Reset", a confirma the time will be reset.	ation display appe	ars, and then	click "OK",
Filter warning.	Sets the time to indicate the filter warning 300H)	message on the so	creen. (OFF, 1	00H, 200H,
Factory default	Sets all of the projector control items to the lowing items.	e factory default se	etting except	the fol-
	User Logo, Log PIN code lock, PIN code loc time, Network PIN code, Network setting	k, Lamp Corres. Va	lue, Filter cou	inter, PJ
	* This function is not effective for the settin settings, etc.	gs of Network add	dress settings	, e-mail
No show	Sets the black out image temporarily. (ON,	OFF)		
Freeze	Sets the image to freeze mode. (ON, OFF)			
Closed caption	nSets the closed caption function.			
Closed caption	Sets the closed caption mode. (OFF, CC1, CC	C2, CC3, CC4)		
Color	Sets the color of the contents. (Color, White	<u>)</u>		



Information

This page is to display the basic information of the projector status. Click **Information** on the main menu.

🔊 Initial setting	Information		
	Input	Video	
💿 Power & Status			
	System	AUTO	
🕞 PC Adj.	Signal	Yes	
	Screen	Custom	
💮 Control	Lamp status		
Setting	Security	No	
	PJ time(h)	11	
E-mail setting	Lamp Corres.Value(h)	16	
	Filter time(h)	17	
Network	Update		
	- //		
Information			
SNMP setting	Click this butt update the in		

Items	Description
Input	Displays selected input and source.
System	Displays selected signal system.
Signal	Input signal status (Yes, No)
Screen	Displays screen mode.
Lamp status	Displays lamp status with an icon. Refer to the table as shown below.
Security	Displays the security (PIN code lock) status (Yes, No)
PJ time(h)	Displays the accumulated use time of the projector.
Lamp Corres. Value(h)	Displays the use time (Corresponding value) of the lamp.
Filter time(h)	Displays the accumulated use time of the filter.

lcon display/background	Status
White/Blue	Lamp on (Normal)
White/Red	Lamp on (Lamp is being used over a specified use time, replace lamp immediately)
Gray/Blue	Lamp off (Normal)
Gray/Red	Lamp off (Lamp is being used over a specified use time, replace lamp immediately)
Red/Blue with X	Lamp failure (Lamp failure, check lamp condition)
Red/Red with X	Lamp failure (Lamp failure and lamp is being used over a specified use time, replace lamp immediately)

Indication of the lamp status

Chapter 5 Appendix

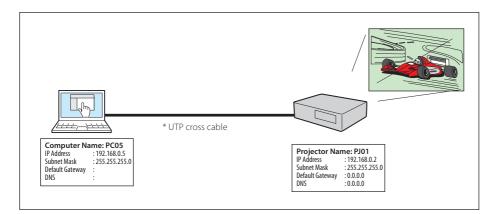
5

Connection examples Use of telnet Web browser setting Technical data Q & A

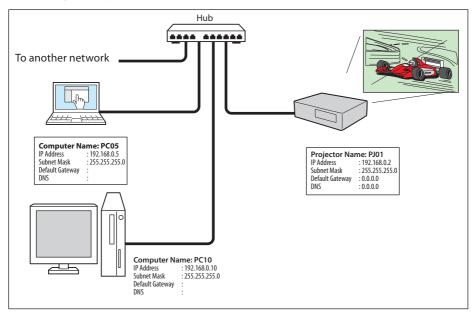
Examples of connection

Peer-To-Peer connection

Connecting the projector (PJ01) to the control computer (PC05) directly.



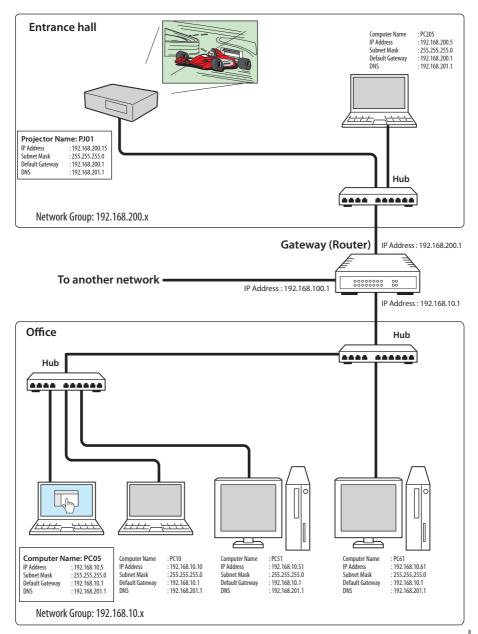
Connecting the projector (PJ01) to the control computer (PC05) via the hub.



When the projector is connected to the computer directly without hub, the UTP cross cable should be used.

The gateway (Router) installed in the network

Connecting the projector (PJ01) to the control computer (PC05) via the gateway.



Use of telnet

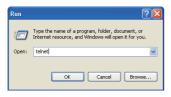
You can control the projector by using the telnet application^{*1} installed on your computer. Normally, the telnet application is available on your computer.

* The telnet 10000 port is used to control the projector.

Control

(For example, in case of using the telnet application of **Windows XP Professional**.)

1. Select **Run...** submenu from **Start** menu on the computer. Type "telnet" onto the **Open** text area on the displayed window and press **OK** button.



(For example, in case of using the telnet application of **Mac OS X v 10.4**)

1. Select **Terminal** from **Applications** -->Utilities.

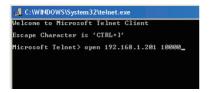


Type as below on the displayed window. > telnet [return]



2. The telnet application will start and the following window will be displayed. Type as below to connect the projector.

> open 192.168.1.201 10000 [return]



* Use the IP address assigned to the projector.

0 0	Terminal — telnet — 80x24
Last login: Tue Feb 26 1	15:59:02 on ttyp1
Velcome to Darwin!	
Macintosh:∼ gj\$ telnet	
telnet> open 172.21.99.2	251 10000
Trying 172.21.99.251	
Connected to 172.21.99.2	251.
Escape character is '^]'	·.

3. When communication is established correctly, the word "PASSWORD:" appears on the window. Type the login password (Network PIN code^{*2}) 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.

When the word "Hello" is replied, login has been succeeded.

* The password "1234" is used for the example.



- 4. Type the commands, refer to below table, to control the projector and then press "Enter" key for termination. For example, type "C00" which is a command to turn on the projector, and press "Enter" key. Confirm the projector is turning on.
 - * Enter with ASCII 64-byte capital characters and one-byte characters.

To disconnect the communication, press "Ctrl" key and "]" key at the same time, type "close" and then press "Enter" key on the Keyboard.

> close [return]

The table below shows the typical command lists for controlling this projector and please consult your local dealer for further information of another commands.

Command	Function
C00	Power on
C02	Power off
C09	Volume up
COA	Volume down
COB	Audio Mute on
COC	Audio Mute off
C1C	Menu display on
C1D	menu display off

Command list table

*1 Further instructions about the telnet application, please see the on-line guide on your computer.

- *2 The password is a Network PIN code decided item "Network PIN code setting" (© pp.14, 23). If the authentication of the entered password is failed 4 times continuously, the communication will be disconnected automatically. Please try again for the connection.
- If the password or any command is not entered for more than 30 seconds, the communication will be disconnected automatically. Please try again for the connection.

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.

Active Script/JavaScript enable

There are some control items used with the JavaScript function in the setting pages. If the web browser is set not to use this JavaScript function, it may not control the projector properly. In this case, the warning message "Make sure JavaScript is ON." will be displayed on the top of the page. To enable the JavaScript, please see further instructions on the next page.

Proxy setting

In some cases, your web browser is set up to use the proxy server for the internet or intranet connection. In this case, when you install this projector into the local network, you should set up the proxy setting of web browser preference correctly. Especially when connecting the projector and computer with a UTP cross cable directly, or when the network does not provide the proxy server, make sure that "not use proxy server" is set up in your web browser preference. Please see item "Examples: OS/Browsers" in the next page for further setting up procedure.

There are various ways to change your browser preferences depending on the version or applications. Please see the setting instructions on next page for example and also refer to on-line help of your web browser.

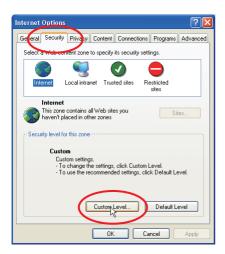
Examples: OS/Browsers

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" is selected in item **Active Scripting**.





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.

- Using proxy server

To use an external internet connection from the local area network, check the item **Use a proxy server** and enter the proxy server address and port correctly in the proxy settings window. For further instruction please consult your network administrator.

- Not using proxy server

Uncheck the item **Use a proxy server**.

If you connect the projector to the computer directly with UTP cross cable, this must be unchecked.

Local Area Network (LAN) Settings Automatic configuration Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration. Automatically detect settings Use automatic configuration script Address Proxy server Use a proxy server for your LAN (These settings will not apply to Address Proxy server for local addresses Bypass proxy server for local addresses OK Cancel	Proxy Settings Servers FTP: proxy.sock.com FTP:	080
To designate proxy settings that will not use the proxy server when accessing the projector installed in the local area network, enter the IP address or domain name here.	ок Д с	ancel

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. Make sure that the **Enable JavaScript for Navigator** is checked.

Category	Scripts & Plugins
 Appearance Avaigator Navigator Composer Malk Newsgroups Instant Messenger ICQ Privace Rescurity Coltas & Plugins Cache Proxies HTTP Networking Software Instalation Musel System Offline & Disk Space 	Enable JavaScript for Navigator Navigator Mal & Newsgroups Allow webpages to: Open a link in a new window (requires restarting Netscape) Move or resize existing windows Raise or lower windows Raise or lower windows Change status bar Change images Create or change cookies Read cookies Read cookies
	Enable Plugins for Mail & Newsgroups

Proxy setting

Select **Preference** from **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 projector is connected.

- Using proxy server

When you use an external internet connection from the local area network, select the item **Manual proxy configuration**. Enter the proxy server address and port number correctly on **HTTP Proxy** item. For further instruction please consult your network administrator.

Preferences - Not using proxy server Category Select the item Direct con-Proxies Appearance nection to the Internet in the Navigator Configure Proxies to Access the Internet Composer O Direct connection to the Internet proxy setting window. Mail & Newsgroups Manual proxy configuration Instant Messenger If you connect the projector HTTP Proxy: proxy.xxx.com Port: 8080 ► ICO. to the computer directly with Privacy & Security ▼Advanced UTP cross cable, this must be Port: 0 FTP Proxy: Scripts & Plugins Gopher Proxy: Port: 0 Cache selected Proxies SOCKS Host: Port: 0 -Software Installation No Proxy for: 192.168.1.201 Mouse Wheel Example: .mozilla.org. .pet.r System Automatic proxy configuration URL: Offline & Disk Space To designate proxy settings that will not use the proxy server when accessing the projector installed in the local area network, enter the IP address or domain name here OK Cancel Help

ENGLISH

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 check **Enable JavaScript**.

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Proxy setting

- **1** Open **Preferences...** from **Safari** menu on the web browser **Safari**. The preference menu appears.
- 2 Select Advanced icon and then click Proxies: Change Settings
- **3** Select **Proxies** tab and properly set up your web browser **Safari**'s the proxy server settings according to the local area network environment to which the projector is connected.

- Using proxy server

To use an external internet connection from the local area network, check the items **Web Proxy (HTTP) and Secure Web Proxy (HTTPS) of Select a proxy server to configure** window and enter the proxy server address and port correctly in **Web Proxy Server** window. For further instruction please consult your network administrator.

- Not using proxy server

Uncheck the items Web Proxy (HTTP) and Secure Web Proxy (HTTPS) of Select a proxy server to configure.

If you connect the projector to the computer directly with UTP cross cable, they must be unchecked.

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General Appearance Bookmarks Tabs RSS AutoFill Security davanced Universal Access: Never use font sizes smaller than 9 * Press Tab to highlight each item on a webpage Option-Tab highlights each item. Style Sheet: None Selected Proxies: Change Settings	Location: Automatic Show: AirMac Origune Proxies: Manually Configure Proxies: Manually Select a proxy server to configure: Web Proxy Server proxy.xxxx.com : 8080 Proxy server requires password Streaming Proxy (RTSP) Exclude simple hostnames Broas proxy settings for these Hosts & Domains:
To designate proxy settings that will not use the proxy server when accessing the projector installed in the local area network, enter the IP address or domain name here.	192.168.1.201 Image: Click the lock to prevent further changes. Apply Now

Q&A

Α

Α

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 (138 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.
- 2. Wrong network configuration of the computer. Check the network configuration of the computer.
- 3. The proxy setting of the web browser is not set correctly (187 p.50).
- 4. The computer does not provide TCP/IP protocol.

Q How can I restrict access from the computer.

- 1. Please use the password authentication function on the login page (187 p.23).
 - 2. Please use the IP filtering function provided with the gateway (router) to restrict the accessing from the computer. For further information please consult your network administrator.

Q Can I access the projector installed on the company's local area network from a remote location?

- A There are some ways to access to the projector in the LAN, but you must consult your network administrator for security reason.
 - Use of modem (Connect to the company's network from your home or some other places by using modem.)
 - Use of private line (Connect to the company's network from the branch office or maintenance office by using private line.)
 - Use of internet (Connect to the company's network from your home, branch office or some other places by using the internet.)

Q We use the DHCP/BOOTP server to assign the IP address. Is it possible to use the projector in this network environment?

A 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. Please consult your network administrator (187 pp.13, 24).

Q How can I install several projectors?

A Install and configure network one by one to avoid the IP address collision each other. To configure the IP address please see item "Network configuration" (PRP) pp.12-13, 24).

Password/Login

- **Q** What should I do when I forget the IP address of the projector?
- A You can check the IP address in the "Network information" menu.
- **Q** What should I do when I forget the password (Network PIN code)?
- A Please set the new network PIN code in the "Network PIN code" menu.

Q Can I register the setting page as a web browser "Favorites" or "Bookmarks"?

A Please add "Login" page to your "Favorites" or "Bookmarks". Do not add the specified setting page because it will not be able to perform the password authentication correctly.

Operation

Q Why can't be turned on/off with web browser?

A 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 "Network". Refer to "4. Controlling the Projector" → "Power control and status check" (I pp.32 - 33).

Q Why can't I change the controls in the setting page with web browser?

A 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.

Q Why does it sometimes take a lot of time to complete the page display?

A The display speed of the page depends on the network environment in which both the projector and computer are placed. It may take much time to complete the page display if network traffic is heavy. Please consult your network administrator.

Q How many numbers of the E-mail address can I register in the E-mail setting page.

A You can register up to 10 addresses.

Why am I not receiving E-mail alert messages?

A 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. For further information please contact your network administrator (187 p.25).

Others

Α

Q 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. Each piece of equipment must be assigned a unique IP address.

If the IP address is set [192.168.x.x], the Subnet Mask should be set [255.255.255.0] for example.

Rule2

The start address [xxx.xxx.0] and the last address [xxx.xxx.255] of the IP address must not be assigned to any other equipment. These address numbers are reserved.

Rule3

The IP address must correlate to a network number. If network numbers are different between the equipment, they cannot establish communications each other. In this case, the router is placed in the networks to make the routing.

Q Can I control the projector by using the telnet application?

A Possible. Please refer to the item "Use of telnet" (187 p.46 - 47).

Q What is the MAC address assigned to the projector?

A The MAC address is displayed in "Network information" menu (🖙 p.14).

Q Can I update the firmware of the projector.

Α

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.

	Initial setting				
Initial setting	Language	English	~	Set	
🚯 Power & Status	Model name	XD2600			
	Network PIN code			Set	
🗊 PC Adj.	PJLink	OFF	~		
💮 Control	Ver. 0.004			Set	
🐼 Setting					
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NETWORK OWNER'S MANUAL SO-KR8AC

SANYO Electric Co., Ltd.