

Projector Wired LAN

Version 1.01

Keep this manual in a safe place future reference.

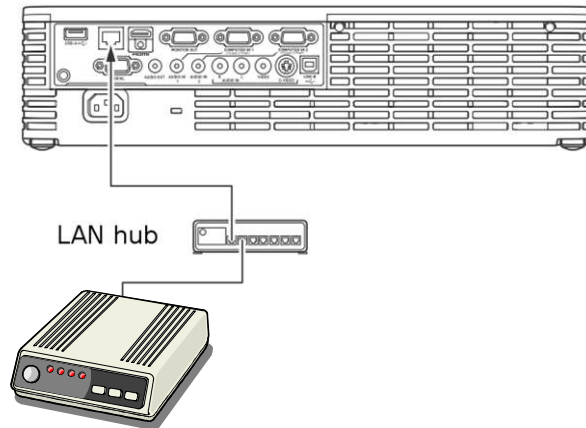
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- The sample screens shown in this manual are for illustrative purposes only, and may not be exactly the same as the screens actually produced by the product.
- Unless specifically stated otherwise, all illustrations in this manual show the XJ-H1650 projector.

The XJ-M145, XJ-M155, XJ-M245, XJ-M255, XJ-H1650, XJ-ST145, and XJ-ST155 (herinafter referred to collectively as "the Projector" or "this Projector") can be controlled from an external device via its LAN port.

Connection

Connect the LAN port of the Projector to the LAN hub to which the device to be linked to via a wired LAN connection is connected.



In a configuration like the one in the illustration above, you should normally use straight type LAN cables. If you are connecting the Projector's LAN port directly to the LAN port of an external device, use a cross type LAN cable.

Supported Devices and Standards

Web Browser

This Projector supports control using a computer web browser.

For details, see "Controlling the Projector from a Computer" in the User's Guide on the CD that comes with this Projector.

PJLink

This Projector supports the PJLink Class1 standard formulated by the Japan Business Machine and Information System Industries Association (JBMIA).

For detailed information about PJLink, visit the website below.

URL <http://pjlink.jbmia.or.jp/english/>

- The following shows input switching instruction and input switching query parameters and their corresponding input sources.

Parameter	Input Source	COMPUTER Terminal Setting	Remarks
11	Computer	Auto	On the XJ-H1650, XJ-ST145, and XJ-ST155 the input source is Computer 1.
12	Computer	RGB	"
13	Computer	Component	"
14	Computer2	Auto	XJ-H1650, XJ-ST145, XJ-ST155 only
15	Computer2	RGB	"
16	Computer2	Component	"
21	Video		
22	S-video		
31	HDMI		
41	USB		

- Image only mute is not supported by the AV mute instruction and AV mute state query.
- The cover open error and filter error are not supported by the error state query.
- A projector name query returns the projector name specified on the System Admin Page. For details about the System Admin page, see "System Admin Page Operations and Settings" in the "Wireless Function Guide" on the CD-ROM that comes with the projector.
- A manufacturer name query returns **CASIO**.
- A device name query returns **XJ-NP**.
- The password used for the connection authentication process is the same as the System Admin page password. The Projector can be configured to enable or disable authentication. To do so, use [Wired LAN Settings]-[PJLink authentication] on the Projector's Setup Menu.

Enable : PJLink connection authentication enabled. (Default)

Disable : PJLink connection authentication disabled.

- With the XJ-M145, XJ-M155, XJ-M245, or XJ-M255, when the digest generated by the password is appended to the command and sent to the projector during the authentication process, all of the letters included in the digest must be upper-case.

Example: a6bb86c8a36e251485e539e7abb71b50%1POWR

↓

A6BB86C8A36E251485E539E7ABB71B50%1POWR

With the XJ-H1650, XJ-ST145, and XJ-ST155, the digest is accepted even if it contains lower-case letters.

For information about the functions of other commands, see the PJLink specifications issued by JBMIA.

Crestron

This Projector supports Crestron Electronics controller and software (RoomView®) commands.

For detailed information and information about downloading RoomView®, visit the website below.

URL <http://www.crestron.com/roomviewconnected/>

When using the Crestron controller, the controller IP address and other settings must be configured on the Projector. Settings are configured on the Crestron Control page shown below, which appears when you click [Crestron Control] on the System Admin page.

The screenshot shows a web interface titled "Network Projection Control" with a breadcrumb trail "CASIO Projector > System Admin > Crestron Control" and a "Logout" button. On the left is a navigation menu with options: Status, Setup, Change Password, Restore Factory Defaults, Control Panel, and Crestron Control. The main area is titled "Crestron Control" and contains three input fields: "IP Address" (a dotted box for IP entry), "IP ID" (containing the value "5"), and "Port" (containing the value "41794"). "Apply" and "Cancel" buttons are located at the bottom right of the form.

- IP address Specifies the controller IP address.
- IP ID Specifies the controller IP ID.
- Port Specifies the number of the port being used. (Always 41794)

Enter the applicable information for each item and then click the [Apply] button. This will restart the network function and apply the new settings.

AMX

This Projector will support the AMX controller and Device Discovery in the future. Commands used for control are PJLink standard commands.

For detailed information, visit the website below.

URL <http://www.amx.com/>

Extron

This Projector will support the Extron controller in the future. Commands used for control are PJLink standard commands.

For detailed information, visit the website below.

URL <http://www.extron.com/>

Caution

- The Projector can be configured to enable or disable power via wired LAN on from the standby state. To do so, use [Wired LAN Settings]-[Remote On] on the Projector's Setup Menu.

Enable : Power on enabled.

Disable : Power on disabled. (Default)

Initializing network settings or performing a "Restore All Defaults" operation with the Setup Menu will cause this setting to change to "Disable". If you are operating the Projector using a wired LAN setting, be sure to change this setting back to "Enable" after initialization.

- When setting the Projector's IP address manually, the default gateway will be set by the Projector itself. When performing connection from an external network, allow acquisition of the IP address and default gateway address under a DHCP environment.

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