

# About the PJLink™ protocol

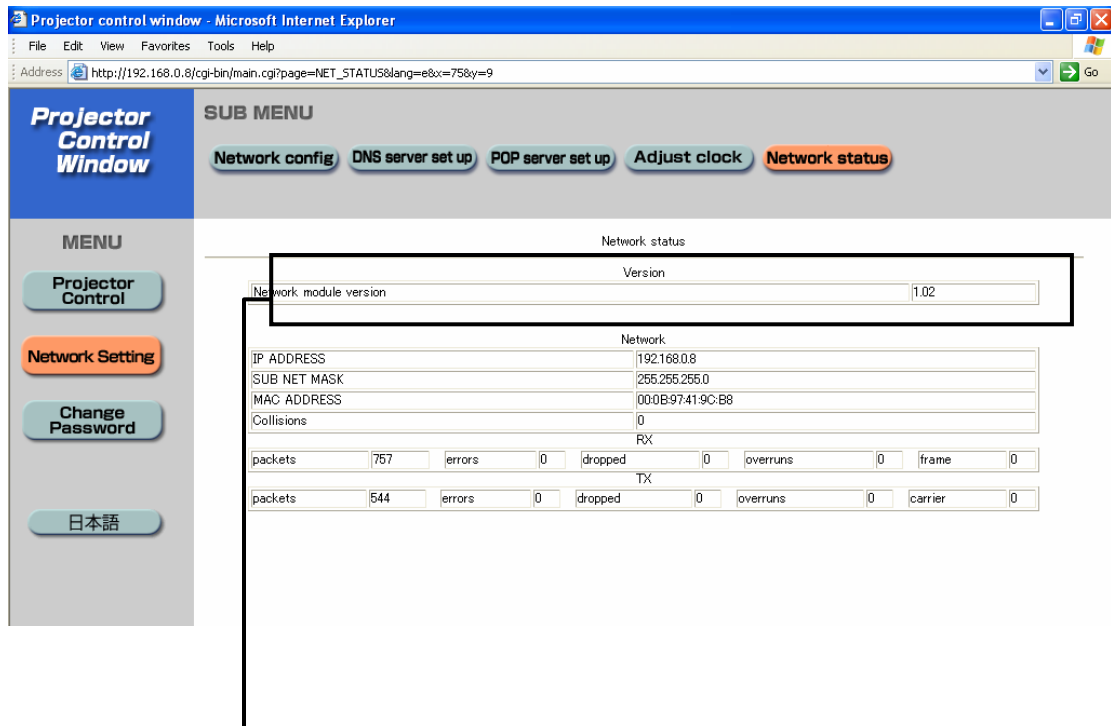
The separately sold input modules, \*1 ET-MD77NT, ET-MD77DV, ET-MD77SD1, and ET-MD77SD3, conform to the PJLink™\*2 class 1 specification. Utilize the PJLink™ protocol to perform the following operations from a PC:

- Setting the projectors
- Querying the projectors' state

\*1 The PJLink™ protocol is supported by input modules with network module version 1.06 and above. Modules with versions lower than 1.06 cannot work with the PJLink™ protocol. Identify the network module version, and consult your dealer.

## ■ Identifying the network module version

1. Access the unit using a web browser. Refer to the section “Accessing the unit using a web browser” in the Projector Manual to learn how to access the unit.
2. Click “Network Settings”.
3. Click “Network Information”.



Network module version

\*2 PJLink™ is a pending trademark in Japan, the United States, and other countries or areas.

For specifications regarding PJLink™, refer to the following website hosted by the Japan Business Machine and Information System Industries Association (JBMA).

URL <http://pjlink.jbma.or.jp/>

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## ■ Supported commands

Refer to the chart below for commands to control the projector using the PJLink™ protocol.

Command	Controlling factor	Remarks
POWR	Power state control	Parameters 0 = standby 1 = power "ON"
POWR ?	Power state query	Parameters 0 = standby 1 = power "ON" 2 = cooling 3 = warming up
INPT	Input terminal switching	Parameters 11 = RGB1 12 = RGB2 21 = VIDEO 22 = S-VIDEO 31 = AUX (available when ET-MD77DV, ET-MD77SD1, or ET-MD77SD3 is installed)
INPT ?	Input terminal query	
AVMT	Shutter control	Parameters
AVMT ?	Shutter state query	30 = shutter mode OFF 31 = shutter mode ON
ERST ?	Error state query	Parameters First byte: 0, 1, or 2 indicates the fan error state Second byte: 0, 1, or 2 indicates the lamp error state Third byte: 0, 1, or 2 indicates the temperature error state Fourth byte: fixed to 0 Fifth byte: fixed to 0 Sixth byte: 0, 1, or 2 indicates other errors Indications of 0, 1, or 2 are translated as follows: 0 = no error detected, 1 = warning detected, 2 = error detected
LAMP ?	Lamp state query	Parameters First digit (1 - 5 digit): Lamp 1 cumulative time Second digit: 0 = Lamp 1 off, 1 = Lamp 1 lit Third digit (1 - 5 digit): Lamp 2 cumulative time Fourth digit: 0 = Lamp 2 off, 1 = Lamp 2 lit
INST ?	Available input terminal query	Parameters are returned as follows: "11 12 21 22" (when ET-MD77NT is installed) "11 12 21 22 31" (when ET-MD77DV, ET-MD77SD1, or ET-MD77SD3 is installed)
NAME ?	Projector name query	Returns the name specified in the "host name" under "network".
INF1 ?	Manufacturer name query	Returns "Panasonic".
INF2 ?	Model name query	If the projector model is PT-D7700, "D7700" is returned. If the projector model is PT-DW7000, "DW7000" is returned.
INFO ?	Miscellaneous information query	Returns the version number and other information.
CLSS ?	Class information query	Returns "1".

## ■ PJLink™ security authentication

PJLink™ uses the same password as previously set in the web browser control. To use PJLink™ without authentication, set the password to "none" in the web browser control.