

The EIKI PjNET-10



Summary

The PjNET-10 is a dedicated interface which permits the control and/or monitoring of a projector over a computer network using a browser and supplied software.

The PjNET-10 connects to the 25 pin connector located on the side of an EIKI LC-X1100 or LC-X986 projector using two captured screws that attach to the cabinet.

The PjNET-10 includes an RJ-45 jack for Ethernet connection to the network, plus status lights, and a serial port for the optional control of an external device via RS-232.

Projector Controls Via Menu

1. Turn the projector on/OFF
2. Read Status Checks
 - a. Accumulated Lamp Use Time
 - b. Accumulated Projector Use Time
 - c. Power Status
 - d. Projector Condition
 - e. Input Status
 - f. Inside Temperature

3. Configure the Projector

- a. Select an input and input type, from
 - i. Either, Input 1 (data): ANALOG/digital)
 - ii. Or, Input 2: VIDEO (Y, Cb/Pb, Cr/Pr) / data (RGB)
 - iii. Or, Input 3: (video) S-VIDEO / component video* Comment (insert text notes)
- b. Adjust for Input Signal
 - i. Either, Perform PC Adjustment (AUTO/manual)
 - ii. Or, Select Video System
 - Composite or S-Video, color (AUTO/manual)
 - In Component, resolution (AUTO or manual)
- c. Image Adjustment
 - i. Mode (Standard, Real, Cinema, Image 1,2,3,4)
 - ii. Contrast (32)
 - iii. Brightness (32)
 - iv. Sharpness (15)
 - v. Gamma (8)
 - vi. White Balance: R(32) G(32) B(32)
 - vii. Tint (32)
 - viii. Color (32)
 - ix. Noise Reduction (On/Off)
 - x. Progressive (On/Off)
 - xi. Comment (insert text notes)
- d. Screen Aspect Ratio Adjustment: (NORMAL/wide)
- e. Sound Adjustment: Volume (+/-) Mute (on/OFF)
- f. Setting Adjustment
 - i. Language (ENGLISH / select from list)
 - ii. Keystone (variable) HighSpeed (on/OFF)
 - iii. Blue Back (ON/off)
 - iv. (Menuitem) Display (ON/off)
 - v. Logo (ON/off)
 - vi. Ceiling (on/OFF)
 - vii. Rear (on/OFF)
 - viii. No Show (on/OFF)
 - ix. Freeze (on/OFF)
 - x. Power Management (ON/off)
 - xi. On Start (on/OFF)
 - xii. Timer
 - xiii. Remote Control Code
 - xiv. Lamp Counter Reset
 - xv. Lamp Mode (Eco / Normal)
 - xvi. P-Timer (On/Off)
- g. Make Service Adjustments
 - i. Fan Speed Control
 - ii. Video System Positioning
- h. Save this setup (up to 10 named configurations)

4. Report an Abnormality by E-Mail

- a. Each projector can be set to send an e-mailed report should any selected abnormality be detected. Up to 10 e-mail addresses can be registered. Possible conditions to report:
 - i. When the projector lamp is off.
 - ii. When the life span of the lamp is reached.
 - iii. When the internal projector power circuit is wrong.
 - iv. When the internal projector temperature is too high.
 - v. When the projector is turned OFF with Power On/Off.
 - vi. When power management turns the lamp Off.
 - vii. When the signal is interrupted.

5. Control a group of projectors (Multi-Control)

- a. Create a group (from those available on the network).
- b. Control:
 - i. Either: individual projectors independently
 - ii. Or: across the group

6. Control External Equipment

- a. An external device (including a non-network connected projector) can be connected via serial cable to each projector and controlled by RS-232 using Telnet.

