PJLinkTEST4PJ

Operating Instructions

Version 1.0

November 17, 2004

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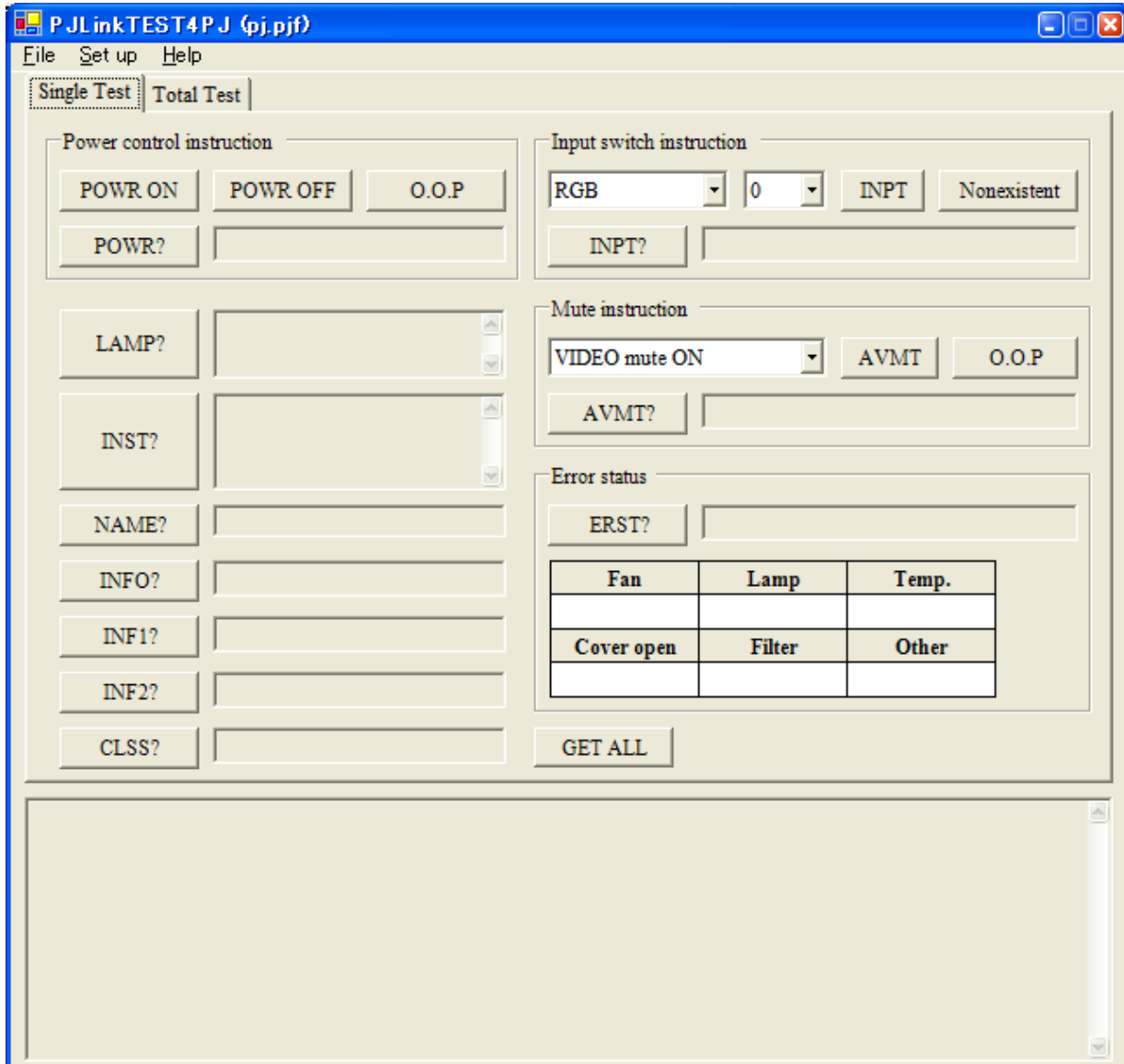
1 Overview

This manual describes operating procedures of Button Menu for PJLinkTEST4PJ.

2 Main Window
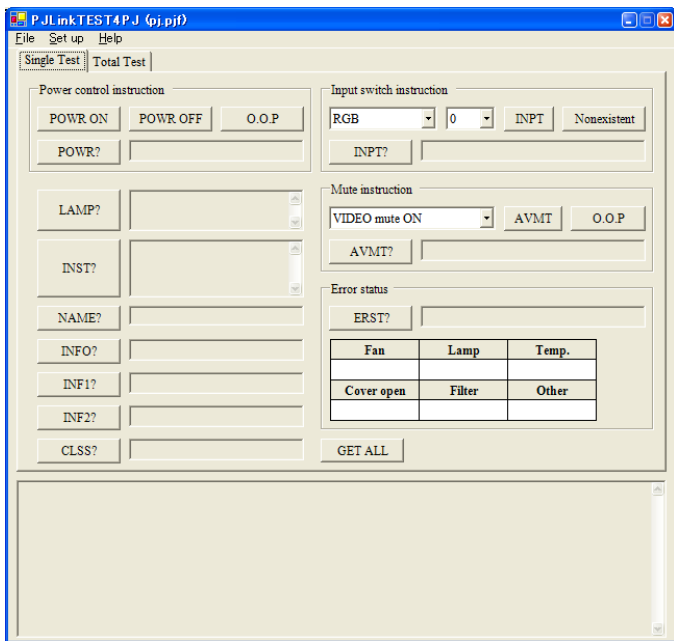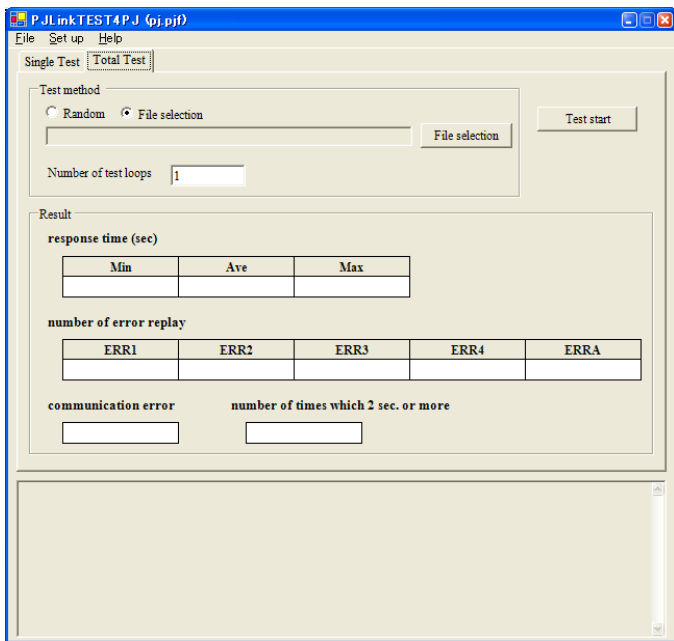
The following window will be displayed when you activate PJLinkTEST4PJ.

PJLinkTEST4PJ consists of two tub menus, "Single Test" and "Total Test", and there is a common command log display area at the bottom of the tub menus.

In addition, the name of the configuration file (*.PJF) in current use will be displayed in the title bar.
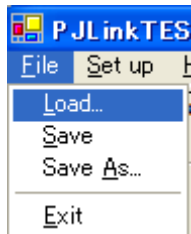
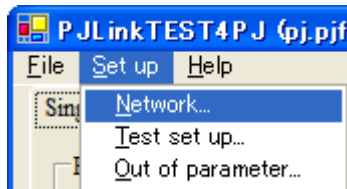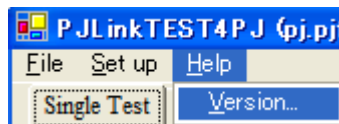## 2.1 Single Test

2.2 Total Test

3   Menu Bar

File   Set up   Help

Main Menu	Name of Menu	Contents of Process
File	Load	Choose an ini file, and load the specified ini file.
	Save	Save the current settings to the ini file.
	Save As…	Save the current settings as a new file.
	Exit	Exit out of the system.
Set Up	Network	Set up IP address, port numbers, and password for the projector.
	Test set up	Set up various test information.
	Out of Parameter	Set up out of parameter test.
Help	Version	Display version information.

3.1 Set Up
3.1.1 Network

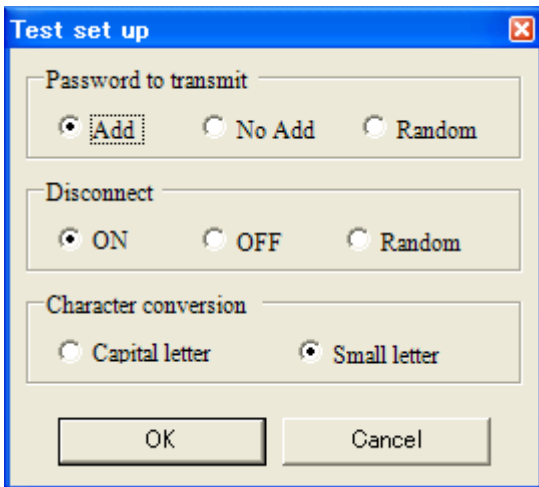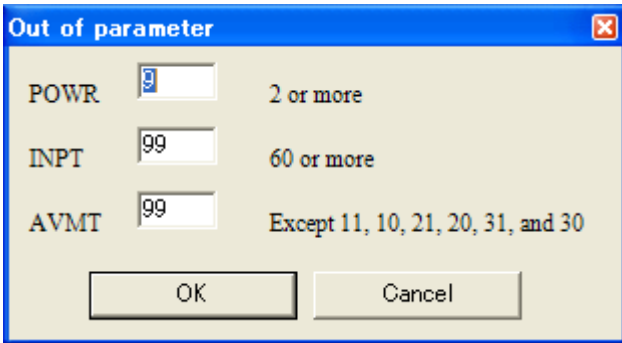| Projector IP Address	Set up IP address for the projector.
PJLink Port No	Set up connecting port numbers on the projector side.
Password	Set up the password for the projector. * The password will not be displayed as "***". It will be displayed as a plain text.

3.1.2 Test Set Up

Password to transmit	Choose the password to transmit from the following options. Established value / Random
Disconnect	Choose the test method from the following options. ON / Random When you specify the file selection, you must specify the file.
Character conversion	Set up the capital letter /small letter conversion of the command strings. Capital letter / Small letter

3.1.3　Out of Parameter

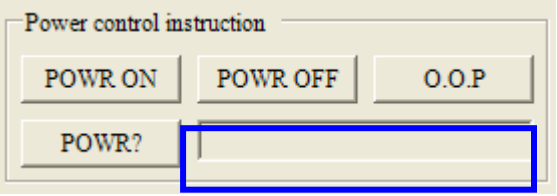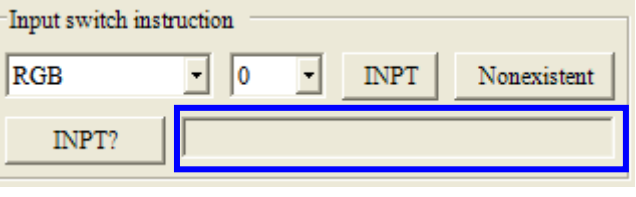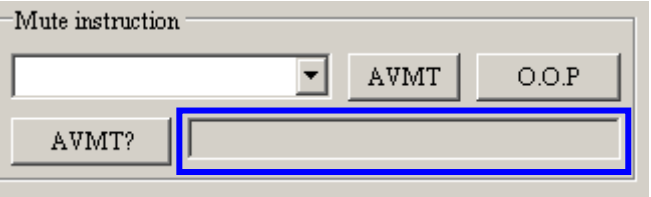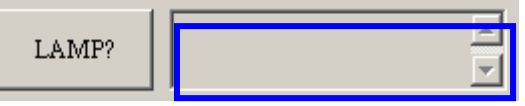| POWR	Set the value which issues at out of parameter by the projector power command.
INPT	Set the value which issues the input switch command to nonexistent input source.
AVMT	Set the value which issues the mute command at out of parameter

3.2　Help

3.2.1　Version

Version information will be displayed.

4 Single Test

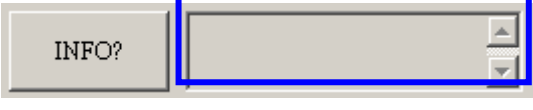| Process Items		Contents
Power control instruction Issue the command/query about power to the projector. [Power control instruction: POWR ON, POWR OFF, O.O.P, POWR?] Command/query response message will be displayed.	POWR ON	Issue the command which turns on the projector.
	POWR OFF	Issue the command which turns off the projector.
	O.O.P	Issue the projector power command at out of parameter.
	POWR?	Query the projector power status.
Input switch instruction Issue the command/query about input switch to the projector. [Input switch instruction: RGB, 0, INPT, Nonexistent, INPT?] Command/query response message will be displayed.	INPT	Issue the input switch command with the contents which are chosen at the combo box.
	Nonexistent	Issue the input switch command to nonexistent input source.
	INPT?	Query the current input switch status.
Mute instruction Issue the command/query about mute to the projector. [Mute instruction: AVMT, O.O.P, AVMT?] Command/query response message will be displayed.	AVMT	Issue the mute command with the contents which are chosen at the combo box.
	O.O.P	Issue the mute command at out of parameter.
	AVMT?	Query the current mute status.
LAMP [LAMP?] Query response message will be displayed.	LAMP?	Query the number of lamps and lamp hours.

Process Items		Contents
INST INST? — Query response message will be displayed.	INST?	Query the list which enables input switch.
NAME NAME? — Query response message will be displayed.	NAME?	Query the projector name.
INFO INFO? — Query response message will be displayed.	INFO?	Query other information. Information voluntarily listed by the projector maker.
INF1? INF1? — Query response message will be displayed.	INF1?	Query the maker name.
INF2? INF2? — Query response message will be displayed.	INF2?	Query the model name
CLSS CLSS? — Query response message will be displayed.	CLSS?	Query class information.
Error status	ERST?	Query error status.

Process Items		Contents
Error status ERST? | Fan	Lamp	Temp.
Cover open	Filter	Other
		| Each error status of the query result will be displayed. Query response message will be displayed.		
GET ALL		Query all.

5 Total Test

Test method

○ Random ● File selection

[   ] File selection   Test start

Number of test loops [1]

Result

response time (sec)

Min	Ave	Max
0	0	0

number of error replay

ERR1	ERR2	ERR3	ERR4	ERRA
0	0	0	0	0

communication error   **number of times which 2 sec. or more**

42	0

5.1 Test method

You can choose Random or File selection.

If you specify the File selection, you will specify the script file used in test, and you will also specify number of test loops.

You can start with Test start.

5.2 Result

response time	Min	Display minimum value of response time in test.
	Ave	Display average value of response time in test.
	Max	Display maximum value of response time in test.
number of error replay	ERR1	Number of undefined command reception
	ERR2	Number of out of parameter reception
	ERR3	Number of acceptance period error reception
	ERR4	Number of projector error reception
	ERRA	Number of password error reception
communication error		Number of communication error (Number of Socket error)
number of times which 2sec. or more		Number of times which 2 sec. or more for response.

6   Command Log

The issued commands and all logs communicated with PJLink4CNT will be displayed in the textbox.