PJLinkTEST4PJ

Operating Instructions

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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.

🖶 P J Link TES T4 P J (pj. pjf)	
<u>File S</u> et up <u>H</u> elp	
Single Test Total Test	
Power control instruction	Input switch instruction
POWR ON POWR OFF O.O.P	RGB • 0 • INPT Nonexistent
POWR?	INPT?
	Mute instruction
LAMP?	VIDEO mute ON AVMT 0.0.P
INST?	AVMT?
	Error status
NAME?	ERST?
INFO?	Fan Lamp Temp.
INF1?	Cover open Filter Other
INF2?	
CLSS?	GET ALL
	<u> </u>

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

🖳 P JLinkTEST4P J (pj.pjf)	
<u>File Set up Help</u>	
Single Test Total Test	1
Power control instruction	Input switch instruction
POWR ON POWR OFF 0.0.P	RGB • 0 • INPT Nonexistent
POWR?	INPT?
	Mute instruction
LAMP?	VIDEO mute ON • AVMT 0.0.P
INST?	AVMT?
	Error status
NAME?	ERST?
INFO?	Fan Lamp Temp.
INF1?	Cover open Filter Other
INF2?	
CLSS?	GET ALL
]	

2.2 Total Test

le Set up Help Single Test Total Test Test method Random File selection Test start Test start Result response time (sec) ERRI ERR2 ERR3 ERR4 ERRA communication error number of times which 2 sec. or more	PJLinkT	EST4PJ (pj.pjf)				
Single Test Test method	le <u>S</u> etup	Help				
Test method Test start ^C Random (^C File selection) Test start Number of test loops I Result response time (sec) Image: Comparison of the selection o	Single Test	lotal lest				
Random · File selection Test start Number of test loops 1 Result response time (sec) Min Ave Mumber of error replay ERR1 ERR2 ERR3 ERR4 communication error number of times which 2 sec. or more	Test meth	nod				
File selection Number of test loops Image: Comparison of the selection Min Ave Min Ave Min Ave Max number of error replay ERRI ERR2 ERR3 ERR4 ERRA communication error number of times which 2 sec. or more	C Ran	dom 💿 File selecti	on		(Test start
Number of test loops 1 Result response time (sec) Min Ave Min Ave Max Image: Second Seco					File selection	
Result response time (sec)	Numbe	r of test loops				
response time (sec) Min Ave Max number of error replay	Result					
Min Ave Max number of error replay	respor	1se time (sec)				
number of error replay ERRI ERR2 ERR3 ERR4 ERRA communication error number of times which 2 sec. or more		Min	Ave	Max		
number of error replay ERRI ERR2 ERR3 ERR4 ERRA communication error number of times which 2 sec. or more						
ERR1 ERR2 ERR3 ERR4 ERRA communication error number of times which 2 sec. or more	numbe	er of error replay				
communication error number of times which 2 sec. or more		ERR1	ERR2	ERR3	ERR4	ERRA
communication error number of times which 2 sec. or more						
	comm	unication error	number of	times which 2 sec. o	r more	

3 Menu Bar



Set up		
🛃 P JLinkTEST4P J (pj.pjt		
<u>F</u> ile	<u>S</u> et up	<u>H</u> elp
Sin	<u>N</u> etwo	ork
·	<u>T</u> est set up	
F	Out of parameter	

Help PJLinkTEST4PJ (pj.pjf <u>File</u> Set up <u>H</u>elp

Single Test

<u>V</u>ersion...

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.	

5/11

3.1 Set Up

3.1.1 Network

Network	×
Projector	
Projector IP Address	192.168.1.11
PJLink Port No	10000
Password	JBMIAProjectorLink
OK	Cancel

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

Test set up	×
Password to transmit	
• Add C No Add C Random	
Disconnect	
⊙ ON C OFF C Random	
Character conversion	
C Capital letter Small letter	
OK Cancel	

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.

🔜 PJLink4PJ Version	
PJLink4PJ	
Version 1.00	
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OK	

4 Single Test

Process Items		Contents
Power control instruction	POWR ON	Issue the command which turns on
Issue the command/query about power to the projector.		the projector.
	POWR OFF	Issue the command which turns off
Power control instruction		the projector.
DOWE ON DOWE OFF	0.0.P	Issue the projector power command
POWR ON POWR OFF 0.0.P		at out of parameter.
POWR?	POWR?	Query the projector power status.
· ·		
Command/query response message will be displayed.		
,		
Input switch instruction	INPT	Issue the input switch command
Issue the command/query about input switch to the		with the contents which are chosen at
projector.		the combo box.
	Nonexistent	Issue the input switch command to
Input switch instruction		nonexistent input source.
RGB V 0 V INPT Nonevistent	INPT?	Query the current input switch status.
INPT?		
Command/query response message will be displayed.		
Mute instruction	AVMT	Issue the mute command with the
Issue the command/query about mute to the projector.		contents which are chosen at the
		combo box.
Mute instruction	0.0.P	Issue the mute command at out of
		parameter.
AVINI C.O.F	AVM1?	Query the current mute status.
AVMT?		
Command/query response message will be displayed.		
	LAMP?	Query the number of lamps and lamp
		hours.
LAMP?		
Query response message will be displayed		
duery response message will be displayed.		

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 other information. Information voluntarily listed by the projector maker.
INF1? Query response message will be displayed.	INF1?	Query the maker name.
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.

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

5 Total Test

Test C	Test method Random File selection			File selection	Test start
Nu	Number of test loops				
Rest re	lt sponse time (sec)				
	Min	Ave	Max		
	0	0	0		
number of error replay					
	ERR1	ERR2	ERR3	ERR4	ERRA
	0	0	0	0	0
co	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
	ERR 4	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.

