ROLY

BEYOND ENVISION

PJ LINK Command List

1. Connection

TCP PORT	4352

2. Command List

2.1 Power Control Instruction　POWR

Power–on (lamp–on) instruction

Character code in hexadecimal	25	31	50	4f	57	52	20	31	0d
Character	%	1	P	O	W	R	(SP)	0	(CR)

Power–off (stand by) Instruction

Character code in hexadecimal	25	31	50	4f	57	52	20	30	0d
Character	%	1	P	O	W	R	(SP)	1	(CR)

Response

Successful execution (including power-on instruction under power-on status and power-off instruction under power-off status)

Character code in hexadecimal	25	31	50	4f	57	52	3d	4f	4b	0d
Character	%	1	P	O	W	R	=	O	K	(CR)

Out-of-parameter

Character code in hexadecimal	25	31	50	4f	57	52	3d	45	52	52	32	0d
Character	%	1	P	O	W	R	=	E	R	R	2	(CR)

Unavailable time

Character code in hexadecimal	25	31	50	4f	57	52	3d	45	52	52	33	0d
Character	%	1	P	O	W	R	=	E	R	R	3	(CR)

Projector/Display failure

Character code in hexadecimal	25	31	50	4f	57	52	3d	45	52	52	34	0d
Character	%	1	P	O	W	R	=	E	R	R	4	(CR)

*Commands are case-insensitive.

2.2 Power status query   POWR?

Power status query

Character code in hexadecimal	25	31	50	4f	57	52	20	3f	0d
Character	%	1	P	O	W	R	(SP)	?	(CR)

Response

Power-off (standby) status

Character code in hexadecimal	25	31	50	4f	57	52	3d	30	0d
Character	%	1	P	O	W	R	=	0	(CR)

Power-on (lamp-on) status

Character code in hexadecimal	25	31	50	4f	57	52	3d	31	0d
Character	%	1	P	O	W	R	=	1	(CR)

Cooling status (Transition period from Power-on to Power-off)

Character code in hexadecimal	25	31	50	4f	57	52	3d	31	0d
Character	%	1	P	O	W	R	=	2	(CR)

Warm-up status (Transition period from Power-off to Power-on)

Character code in hexadecimal	25	31	50	4f	57	52	3d	30	0d
Character	%	1	P	O	W	R	=	3	(CR)

Unavailable time

Character code in hexadecimal	25	31	50	4f	57	52	3d	45	52	52	33	0d
Character	%	1	P	O	W	R	=	E	R	R	3	(CR)

Projector/Display failure

Character code in hexadecimal	25	31	50	4f	57	52	3d	45	52	52	34	0d
Character	%	1	P	O	W	R	=	E	R	R	4	(CR)

*Commands are case-insensitive.

*Basically Projector/Display status changes like as blow:

  Power-off => Warm-up => Power-on => Cooling => Power-off

2.3 Input switch instruction   INPT

Instruction to switch input to RGB

Character code in hexadecimal	25	31	49	4e	50	54	20	31	*1	0d
Character	%	1	I	N	P	T	(SP)	1	*2	(CR)
*1: values 31–39 *2: values 1–9										

Instruction to switch input to VIDEO

Character code in hexadecimal	25	31	49	4e	50	54	20	32	*1	0d
Character	%	1	I	N	P	T	(SP)	2	*2	(CR)
*1: values 31–39 *2: values 1–9										

Instruction to switch input to DIGITAL

Character code in hexadecimal	25	31	49	4e	50	54	20	33	*1	0d
Character	%	1	I	N	P	T	(SP)	3	*2	(CR)
*1: values 31–39 *2: values 1–9										

Instruction to switch input to STORAGE

Character code in hexadecimal	25	31	49	4e	50	54	20	34	*1	0d
Character	%	1	I	N	P	T	(SP)	4	*2	(CR)

*1: values 31–39   *2: values 1–9

Instruction to switch input to NETWORK

Character code in hexadecimal	25	31	49	4e	50	54	20	35	*1	0d
Character	%	1	I	N	P	T	(SP)	5	*2	(CR)

*1: values 31–39   *2: values 1–9

Response

Successful execution

Character code in hexadecimal	25	31	49	4e	50	54	3d	4f	4b	0d
Character	%	1	I	N	P	T	=	O	K	(CR)

Nonexistent input source

Character code in hexadecimal	25	31	49	4e	50	54	3d	45	52	52	32	0d
Character	%	1	I	N	P	T	=	E	R	R	2	(CR)

Unavailable time (stand by, etc.)

Character code in hexadecimal	25	31	49	4e	50	54	3d	45	52	52	33	0d
Character	%	1	I	N	P	T	=	E	R	R	3	(CR)

Projector/Display failure

Character code in hexadecimal	25	31	49	4e	50	54	3d	45	52	52	34	0d
Character	%	1	I	N	P	T	=	E	R	R	4	(CR)

*Commands are case–insensitive.