

RS-232C Specifications and Commands

Computer control

A computer can be used to control the projector by connecting an RS-232C serial control cable (cross type, commercially available) to the projector. (See page 27 on the owner's manual of the projector for connection.)

Communication conditions

Set the serial port settings of the computer to match that of the table.

Signal format: Conforms to RS-232C standard.

Parity bit: None

Baud rate*: 9,600 bps / 38,400 bps / 115,200 bps

Stop bit: 1 bit

Data length: 8 bits

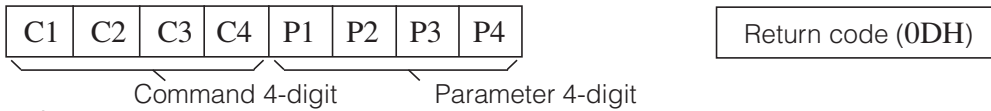
Flow control: None

*Set the projector's baud rate to the same rate as used by the computer.

Basic format

Commands from the computer are sent in the following order: command, parameter, and return code. After the projector processes the command from the computer, it sends a response code to the computer.

Command format



Response code format

Normal response



Problem response (communication error or incorrect command)



Info

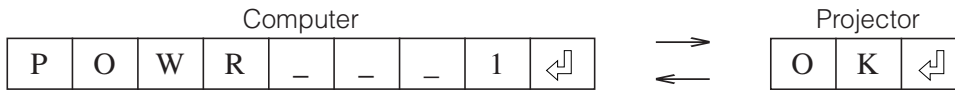
- When you have more than one command to give to the projector, send each of them only after the response code for the previous one is received.
 - "POWR?????" "TABN ___ 1" "TLPS ___ 1" "TLPS ___ 2" "TPOW ___ 1" "TLPN ___ 1" "TLTT ___ 1" "TLTT ___ 2" "TLTL ___ 1" "TLTL ___ 2" "TNAM ___ 1" "MNRD ___ 1" "SNRD ___ 1" "PJN0 ___ 1"
- When the projector receives a command shown above :
- * The on-screen display will not disappear.
 - * The "Auto Power Off" timer will not be reset.

Note

- When controlling the projector using the RS-232C commands, you cannot confirm the projector setting values from the computer. To confirm each setting value, send the display command for each menu (e.g. RARE ___ 0), and then refer to the on-screen display. When using the setting/adjustment commands other than the menu display commands, the settings/adjustments are executed without the on-screen display.

Commands

Example: When turning on the projector, make the following setting.



Control Contents	Command	Parameter	Return	
			Power on	Standby mode (or 40-second startup time)
Power Off	P O W R	0	OK or ERR	OK
Power On	P O W R	1	OK	OK or ERR
Power Status	P O W R ? ? ? ?	?	?	0
Projector Condition	T A B N	1	0:Normal, 1:Temp High, 8:Lamp Life 5% or less, 16:Lamp Burnt-out, 32:Lamp Ignition Failure	0:Normal, 1:Temp High, 2:Fan Error, 4:Intake Vent Cover Open, 8:Lamp Life 5% or less, 16:Lamp Burnt-out, 32:Lamp Ignition Failure, 64:Temp Abnormally High
Lamp 1 Status	T L P S	1	0:Off, 1:On, 2:Retry, 3:Waiting, 4:Lamp Error	0:Off, 4:Lamp Error
Lamp 2 Status	T L P S	2	0:Off, 1:On, 2:Retry, 3:Waiting, 4:Lamp Error	0:Off, 4:Lamp Error
Lamp Power Status	T P O W	1	1:On, 2:Cooling	0:Standby
Lamp Quantity	T L P N	1	2	
Volume (0 - 60)	V O L A	*	OK or ERR	ERR
Mute Off	M U T E	0	OK or ERR	ERR
Mute On	M U T E	1	OK or ERR	ERR
Lens Focus (-255 - +255)	L N F O	*	OK	ERR
Lens Zoom (-255 - +255)	L N Z O	*	OK	ERR
Vertical Lens Shift (Compatible with old command)	L N S H	*	OK or ERR	ERR
Vertical Lens Shift (-800 - +800)	L N U D	*	OK or ERR	ERR
Horizontal Lens Shift (-800 - +800)	L N L R	*	OK or ERR	ERR
Vertical Keystone (Compatible with old command)	K E Y S	*	OK or ERR	ERR
Vertical Keystone (-60 - +60)	K E Y V	*	OK or ERR	ERR
Horizontal Keystone (-60 - +60)	K E Y H	*	OK or ERR	ERR
Image Resizing(-30 - +30)	I M R S	*	OK or ERR	ERR
Black Screen Off	I M B K	0	OK or ERR	ERR
Black Screen On	I M B K	1	OK or ERR	ERR
INPUT 1 (RGB1)	I R G B	1	OK or ERR	ERR
INPUT 2 (RGB2)	I R G B	2	OK or ERR	ERR
INPUT 3 (RGB3)	I R G B	3	OK or ERR	ERR
INPUT RGB Check	I R G B ? ? ? ?	?	1:RGB1(INPUT1), 2:RGB2(INPUT2), 3:RGB3(INPUT3), ERR	ERR
INPUT 4 (Video1)	I V E D	1	OK or ERR	ERR
INPUT 5 (Video2)	I V E D	2	OK or ERR	ERR
INPUT Video Check	I V E D ? ? ? ?	?	1:Video1(INPUT4), 2:Video2(INPUT5), ERR	ERR
INPUT Mode Check	I M O D ? ? ? ?	?	1:RGB, 2:Video	ERR
INPUT Check	I C H K ? ? ? ?	?	1:INPUT1, 2:INPUT2, 3:INPUT3, 4:INPUT4, 5:INPUT5	ERR
Freeze Off	F R E Z	0	OK or ERR	ERR
Freeze On	F R E Z	1	OK or ERR	ERR
Auto Sync Start	A D J S	1	OK or ERR	ERR
INPUT 1 Resize : Normal	R A S R	1	OK or ERR	ERR
INPUT 1 Resize : Stretch (Video only)	R A S R	2	OK or ERR	ERR
INPUT 1 Resize : Dot By Dot (Computer) / Border (Video)	R A S R	3	OK or ERR	ERR
INPUT 1 Resize : Smart Stretch (Video only)	R A S R	4	OK or ERR	ERR
INPUT 1 Resize : Full	R A S R	5	OK or ERR	ERR
INPUT 2 Resize : Normal	R B S R	1	OK or ERR	ERR
INPUT 2 Resize : Stretch (Video only)	R B S R	2	OK or ERR	ERR
INPUT 2 Resize : Dot By Dot (Computer) / Border (Video)	R B S R	3	OK or ERR	ERR
INPUT 2 Resize : Smart Stretch (Video only)	R B S R	4	OK or ERR	ERR
INPUT 2 Resize : Full	R B S R	5	OK or ERR	ERR
INPUT 3 Resize : Normal	R C S R	1	OK or ERR	ERR
INPUT 3 Resize : Stretch (Video only)	R C S R	2	OK or ERR	ERR
INPUT 3 Resize : Dot By Dot (Computer) / Border (Video)	R C S R	3	OK or ERR	ERR
INPUT 3 Resize : Smart Stretch (Video only)	R C S R	4	OK or ERR	ERR
INPUT 3 Resize : Full	R C S R	5	OK or ERR	ERR
INPUT 4 Resize : Normal	R A S V	1	OK or ERR	ERR
INPUT 4 Resize : Stretch	R A S V	2	OK or ERR	ERR
INPUT 4 Resize : Border	R A S V	3	OK or ERR	ERR
INPUT 4 Resize : Smart Stretch	R A S V	4	OK or ERR	ERR
INPUT 5 Resize : Normal	R B S V	1	OK or ERR	ERR
INPUT 5 Resize : Stretch	R B S V	2	OK or ERR	ERR
INPUT 5 Resize : Border	R B S V	3	OK or ERR	ERR
INPUT 5 Resize : Smart Stretch	R B S V	4	OK or ERR	ERR
INPUT 1 Picture Mode : Standard	R A P S	1	OK or ERR	ERR
INPUT 1 Picture Mode : Presentation	R A P S	1	OK or ERR	ERR
INPUT 1 Picture Mode : Cinema	R A P S	1	OK or ERR	ERR
INPUT 1 Picture Mode : Custom	R A P S	1	OK or ERR	ERR
INPUT 1 Contrast (-30 - +30)	R A P I	*	OK or ERR	ERR
INPUT 1 Bright (-30 - +30)	R A B R	*	OK or ERR	ERR
INPUT 1 Color (-30 - +30)	R A C O	*	OK or ERR	ERR
INPUT 1 Tint (-30 - +30)	R A T I	*	OK or ERR	ERR
INPUT 1 Red (-30 - +30)	R A R D	*	OK or ERR	ERR
INPUT 1 Green (-30 - +30)	R A G N	*	OK or ERR	ERR
INPUT 1 Blue (-30 - +30)	R A B E	*	OK or ERR	ERR
INPUT 1 Sharp (-30 - +30)	R A S H	*	OK or ERR	ERR
INPUT 1 CLR Temp *1	R A C T	*	OK or ERR	ERR
INPUT 1 Bright Boost (0 - 10)	R A W E	*	OK or ERR	ERR
INPUT 1 Progressive : 2D	R A I P	0	OK or ERR	ERR
INPUT 1 Progressive : 3D	R A I P	1	OK or ERR	ERR
INPUT 1 Progressive : Film Mode	R A I P	2	OK or ERR	ERR

RS-232C Specifications and Commands

Control Contents	Command	Parameter	Return	
			Power on	Standby mode (or 40-second startup time)
INPUT 1 DNR : Off	R A N R	0	OK or ERR	ERR
INPUT 1 DNR : Level 1	R A N R	1	OK or ERR	ERR
INPUT 1 DNR : Level 2	R A N R	2	OK or ERR	ERR
INPUT 1 DNR : Level 3	R A N R	3	OK or ERR	ERR
INPUT 1 Adjustment Reset	R A R E	1	OK or ERR	ERR
INPUT 1 Signal Type : Auto	I A S I	0	OK or ERR	ERR
INPUT 1 Signal Type : RGB	I A S I	1	OK or ERR	ERR
INPUT 1 Signal Type : Component	I A S I	2	OK or ERR	ERR
INPUT 1 Display (Status display)	R A R E	0	OK or ERR	ERR
INPUT 2 Picture Mode : Standard	R B P S	1 0	OK or ERR	ERR
INPUT 2 Picture Mode : Presentation	R B P S	1 1	OK or ERR	ERR
INPUT 2 Picture Mode : Cinema	R B P S	1 2	OK or ERR	ERR
INPUT 2 Picture Mode : Custom	R B P S	1 3	OK or ERR	ERR
INPUT 2 Contrast (-30 - +30)	R B P I	* * * *	OK or ERR	ERR
INPUT 2 Bright (-30 - +30)	R B B R	* * * *	OK or ERR	ERR
INPUT 2 Color (-30 - +30)	R B C O	* * * *	OK or ERR	ERR
INPUT 2 Tint (-30 - +30)	R B T I	* * * *	OK or ERR	ERR
INPUT 2 Red (-30 - +30)	R B R D	* * * *	OK or ERR	ERR
INPUT 2 Green (-30 - +30)	R B G N	* * * *	OK or ERR	ERR
INPUT 2 Blue (-30 - +30)	R B B E	* * * *	OK or ERR	ERR
INPUT 2 Sharp (-30 - +30)	R B S H	* * * *	OK or ERR	ERR
INPUT 2 CLR Temp *1	R B C T	* * * *	OK or ERR	ERR
INPUT 2 Bright Boost (0 - 10)	R B W E	* * * *	OK or ERR	ERR
INPUT 2 Progressive : 2D	R B I P	0	OK or ERR	ERR
INPUT 2 Progressive : 3D	R B I P	1	OK or ERR	ERR
INPUT 2 Progressive : Film Mode	R B I P	2	OK or ERR	ERR
INPUT 2 DNR : Off	R B N R	0	OK or ERR	ERR
INPUT 2 DNR : Level 1	R B N R	1	OK or ERR	ERR
INPUT 2 DNR : Level 2	R B N R	2	OK or ERR	ERR
INPUT 2 DNR : Level 3	R B N R	3	OK or ERR	ERR
INPUT 2 Adjustment Reset	R B R E	1	OK or ERR	ERR
INPUT 2 Signal Type : Auto	I B S I	0	OK or ERR	ERR
INPUT 2 Signal Type : RGB	I B S I	1	OK or ERR	ERR
INPUT 2 Signal Type : Component	I B S I	2	OK or ERR	ERR
INPUT 2 Display (Status display)	R B R E	0	OK or ERR	ERR
INPUT 3 Picture Mode : Standard	R C P S	1 0	OK or ERR	ERR
INPUT 3 Picture Mode : Presentation	R C P S	1 1	OK or ERR	ERR
INPUT 3 Picture Mode : Cinema	R C P S	1 2	OK or ERR	ERR
INPUT 3 Picture Mode : Custom	R C P S	1 3	OK or ERR	ERR
INPUT 3 Contrast (-30 - +30)	R C P I	* * * *	OK or ERR	ERR
INPUT 3 Bright (-30 - +30)	R C B R	* * * *	OK or ERR	ERR
INPUT 3 Color (-30 - +30)	R C C O	* * * *	OK or ERR	ERR
INPUT 3 Tint (-30 - +30)	R C T I	* * * *	OK or ERR	ERR
INPUT 3 Red (-30 - +30)	R C R D	* * * *	OK or ERR	ERR
INPUT 3 Green (-30 - +30)	R C G N	* * * *	OK or ERR	ERR
INPUT 3 Blue (-30 - +30)	R C B E	* * * *	OK or ERR	ERR
INPUT 3 Sharp (-30 - +30)	R C S H	* * * *	OK or ERR	ERR
INPUT 3 CLR Temp *1	R C C T	* * * *	OK or ERR	ERR
INPUT 3 Bright Boost (0 - 10)	R C W E	* * * *	OK or ERR	ERR
INPUT 3 DNR : Off	R C N R	0	OK or ERR	ERR
INPUT 3 DNR : Level 1	R C N R	1	OK or ERR	ERR
INPUT 3 DNR : Level 2	R C N R	2	OK or ERR	ERR
INPUT 3 DNR : Level 3	R C N R	3	OK or ERR	ERR
INPUT 3 Adjustment Reset	R C R E	1	OK or ERR	ERR
INPUT 3 Signal Type : D. PC RGB	I C S I	3	OK or ERR	ERR
INPUT 3 Signal Type : D. PC Component	I C S I	4	OK or ERR	ERR
INPUT 3 Signal Type : D. Video RGB	I C S I	5	OK or ERR	ERR
INPUT 3 Signal Type : D. Video Component	I C S I	6	OK or ERR	ERR
INPUT 3 Display (Status display)	R C R E	0	OK or ERR	ERR
INPUT 4 Picture Mode : Standard	V A P S	1 0	OK or ERR	ERR
INPUT 4 Picture Mode : Presentation	V A P S	1 1	OK or ERR	ERR
INPUT 4 Picture Mode : Cinema	V A P S	1 2	OK or ERR	ERR
INPUT 4 Picture Mode : Custom	V A P S	1 3	OK or ERR	ERR
INPUT 4 Contrast (-30 - +30)	V A P I	* * * *	OK or ERR	ERR
INPUT 4 Bright (-30 - +30)	V A B R	* * * *	OK or ERR	ERR
INPUT 4 Color (-30 - +30)	V A C O	* * * *	OK or ERR	ERR
INPUT 4 Tint (-30 - +30)	V A T I	* * * *	OK or ERR	ERR
INPUT 4 Red (-30 - +30)	V A R D	* * * *	OK or ERR	ERR
INPUT 4 Green (-30 - +30)	V A G N	* * * *	OK or ERR	ERR
INPUT 4 Blue (-30 - +30)	V A B E	* * * *	OK or ERR	ERR
INPUT 4 Sharp (-30 - +30)	V A S H	* * * *	OK or ERR	ERR
INPUT 4 CLR Temp *1	V A C T	* * * *	OK or ERR	ERR
INPUT 4 Bright Boost (0 - 10)	V A W E	* * * *	OK or ERR	ERR
INPUT 4 Progressive : 2D	V A I P	0	OK or ERR	ERR
INPUT 4 Progressive : 3D	V A I P	1	OK or ERR	ERR
INPUT 4 Progressive : Film Mode	V A I P	2	OK or ERR	ERR
INPUT 4 DNR : Off	V A N R	0	OK or ERR	ERR
INPUT 4 DNR : Level 1	V A N R	1	OK or ERR	ERR
INPUT 4 DNR : Level 2	V A N R	2	OK or ERR	ERR
INPUT 4 DNR : Level 3	V A N R	3	OK or ERR	ERR
INPUT 4 Adjustment Reset	V A R E	1	OK or ERR	ERR
INPUT 4 Display (Status display)	V A R E	0	OK or ERR	ERR
INPUT 5 Picture Mode : Standard	V B P S	1 0	OK or ERR	ERR
INPUT 5 Picture Mode : Presentation	V B P S	1 1	OK or ERR	ERR
INPUT 5 Picture Mode : Cinema	V B P S	1 2	OK or ERR	ERR
INPUT 5 Picture Mode : Custom	V B P S	1 3	OK or ERR	ERR
INPUT 5 Contrast (-30 - +30)	V B P I	* * * *	OK or ERR	ERR
INPUT 5 Bright (-30 - +30)	V B B R	* * * *	OK or ERR	ERR

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Control Contents	Command	Parameter	Return	
			Power on	Standby mode (or 40-second startup time)
INPUT 5 Color (-30 - +30)	V B C O	- * * *	OK or ERR	ERR
INPUT 5 Tint (-30 - +30)	V B T I	- * * *	OK or ERR	ERR
INPUT 5 Red (-30 - +30)	V B R D	- * * *	OK or ERR	ERR
INPUT 5 Green (-30 - +30)	V B G N	- * * *	OK or ERR	ERR
INPUT 5 Blue (-30 - +30)	V B B E	- * * *	OK or ERR	ERR
INPUT 5 Sharp (-30 - +30)	V B S H	- * * *	OK or ERR	ERR
INPUT 5 CLR Temp *1	V B C T	- * * *	OK or ERR	ERR
INPUT 5 Bright Boost (0 - 10)	V B W E	- * * *	OK or ERR	ERR
INPUT 5 Progressive : 2D	V B I P	- - - 0	OK or ERR	ERR
INPUT 5 Progressive : 3D	V B I P	- - - 1	OK or ERR	ERR
INPUT 5 Progressive : Film Mode	V B I P	- - - 2	OK or ERR	ERR
INPUT 5 DNR : Off	V B N R	- - - 0	OK or ERR	ERR
INPUT 5 DNR : Level 1	V B N R	- - - 1	OK or ERR	ERR
INPUT 5 DNR : Level 2	V B N R	- - - 2	OK or ERR	ERR
INPUT 5 DNR : Level 3	V B N R	- - - 3	OK or ERR	ERR
INPUT 5 Adjustment Reset	V B R E	- - - 1	OK or ERR	ERR
INPUT 5 Display (Status display)	V B R E	- - - 0	OK or ERR	ERR
INPUT 1 C.M.S. Adjustment : Standard	C S R A	- - - 00	OK or ERR	ERR
INPUT 1 C.M.S. Adjustment : sRGB	C S R A	- - - 01	OK or ERR	ERR
INPUT 1 C.M.S. Adjustment : Custom1	C S R A	- - - 11	OK or ERR	ERR
INPUT 1 C.M.S. Adjustment : Custom2	C S R A	- - - 12	OK or ERR	ERR
INPUT 1 C.M.S. Adjustment : Custom3	C S R A	- - - 13	OK or ERR	ERR
INPUT 2 C.M.S. Adjustment : Standard	C S R B	- - - 00	OK or ERR	ERR
INPUT 2 C.M.S. Adjustment : sRGB	C S R B	- - - 01	OK or ERR	ERR
INPUT 2 C.M.S. Adjustment : Custom1	C S R B	- - - 11	OK or ERR	ERR
INPUT 2 C.M.S. Adjustment : Custom2	C S R B	- - - 12	OK or ERR	ERR
INPUT 2 C.M.S. Adjustment : Custom3	C S R B	- - - 13	OK or ERR	ERR
INPUT 3 C.M.S. Adjustment : Standard	C S R C	- - - 00	OK or ERR	ERR
INPUT 3 C.M.S. Adjustment : sRGB	C S R C	- - - 01	OK or ERR	ERR
INPUT 3 C.M.S. Adjustment : Custom1	C S R C	- - - 11	OK or ERR	ERR
INPUT 3 C.M.S. Adjustment : Custom2	C S R C	- - - 12	OK or ERR	ERR
INPUT 3 C.M.S. Adjustment : Custom3	C S R C	- - - 13	OK or ERR	ERR
INPUT 4 C.M.S. Adjustment : Standard	C S V A	- - - 00	OK or ERR	ERR
INPUT 4 C.M.S. Adjustment : Custom1	C S V A	- - - 11	OK or ERR	ERR
INPUT 4 C.M.S. Adjustment : Custom2	C S V A	- - - 12	OK or ERR	ERR
INPUT 4 C.M.S. Adjustment : Custom3	C S V A	- - - 13	OK or ERR	ERR
INPUT 5 C.M.S. Adjustment : Standard	C S V B	- - - 00	OK or ERR	ERR
INPUT 5 C.M.S. Adjustment : Custom1	C S V B	- - - 11	OK or ERR	ERR
INPUT 5 C.M.S. Adjustment : Custom2	C S V B	- - - 12	OK or ERR	ERR
INPUT 5 C.M.S. Adjustment : Custom3	C S V B	- - - 13	OK or ERR	ERR
Target : Red	C M T G	- - - 1	OK or ERR	ERR
Target : Yellow	C M T G	- - - 2	OK or ERR	ERR
Target : Green	C M T G	- - - 3	OK or ERR	ERR
Target : Cyan	C M T G	- - - 4	OK or ERR	ERR
Target : Blue	C M T G	- - - 5	OK or ERR	ERR
Target : Magenta	C M T G	- - - 6	OK or ERR	ERR
Lightness (-30 - +30)	C M S L	- - - * *	OK or ERR	ERR
Chroma (-30 - +30)	C M S C	- - - * *	OK or ERR	ERR
Hue (-30 - +30)	C M S H	- - - * *	OK or ERR	ERR
Reset (This Color)	C M R E	- - - 1	OK or ERR	ERR
Reset (All Colors)	C M R E	- - - 2	OK or ERR	ERR
Clock (-150 - +150)	I N C L	- * * * *	OK or ERR	ERR
Phase (-60 - +60)	I N P H	- * * * *	OK or ERR	ERR
H-Position (-150 - +150)	I A H P	- * * * *	OK or ERR	ERR
V-Position (-60 - +60)	I A V P	- * * * *	OK or ERR	ERR
Fine Sync Display (Status display)	I A R E	- - - 0	OK or ERR	ERR
Fine Sync Adjustment Reset	I A R E	- - - 1	OK or ERR	ERR
Save Setting (1 - 7)	M E M S	- - - *	OK or ERR	ERR
Select Setting (1 - 7)	M E M L	- - - *	OK or ERR	ERR
RGB Horizontal Frequency Check	T F R Q	- - - 1	kHz (***. * or _)	ERR
RGB Vertical Frequency Check	T F R Q	- - - 2	Hz (***. * or _)	ERR
Auto Sync : Off	A A D J	- - - 0	OK or ERR	ERR
Auto Sync : Normal	A A D J	- - - 1	OK or ERR	ERR
Auto Sync : High Speed	A A D J	- - - 2	OK or ERR	ERR
Auto Sync Display : Off	I M A S	- - - 0	OK or ERR	ERR
Auto Sync Display : On	I M A S	- - - 1	OK or ERR	ERR
Balance (-30 - +30)	A A B L	- * * * *	OK or ERR	ERR
Treble (-30 - +30)	A A T E	- * * * *	OK or ERR	ERR
Bass (-30 - +30)	A A B A	- * * * *	OK or ERR	ERR
Audio Display (Status display)	A A R E	- - - 0	OK or ERR	ERR
Audio Adjustment Reset	A A R E	- - - 1	OK or ERR	ERR
Audio Out : FAO	A O U T	- - - 1	OK or ERR	ERR
Audio Out : VAO	A O U T	- - - 2	OK or ERR	ERR
Speaker : Off	A S P K	- - - 0	OK or ERR	ERR
Speaker : On	A S P K	- - - 1	OK or ERR	ERR
Pict in Pict : Bottom Right	P I N P	- - - 11	OK or ERR	ERR
Pict in Pict : Bottom Left	P I N P	- - - 12	OK or ERR	ERR
Pict in Pict : Upper Right	P I N P	- - - 13	OK or ERR	ERR
Pict in Pict : Upper Left	P I N P	- - - 14	OK or ERR	ERR
Pict in Pict : Off	P I N P	- - - 0	OK or ERR	ERR
Digital Shift (-96 - +96)	L N D S	- * * * *	OK or ERR	ERR
OSD Display : Normal	I M D I	- - - 1	OK or ERR	ERR
OSD Display : Level A	I M D I	- - - 2	OK or ERR	ERR
OSD Display : Level B	I M D I	- - - 0	OK or ERR	ERR
Black Screen Display : Off	I M B O	- - - 0	OK or ERR	ERR
Black Screen Display : On	I M B O	- - - 1	OK or ERR	ERR
Video System Selection : AUTO	M E S Y	- - - 1	OK or ERR	ERR
Video System Selection : PAL	M E S Y	- - - 2	OK or ERR	ERR
Video System Selection : SECAM	M E S Y	- - - 3	OK or ERR	ERR
Video System Selection : NTSC4.43	M E S Y	- - - 4	OK or ERR	ERR
Video System Selection : NTSC3.58	M E S Y	- - - 5	OK or ERR	ERR

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Control Contents	Command	Parameter	Return	
			Power on	Standby mode (or 40-second startup time)
Video System Selection : PAL-M	M E S Y	6	OK or ERR	ERR
Video System Selection : PAL-N	M E S Y	7	OK or ERR	ERR
Background Selection : Logo	I M B G	1	OK or ERR	ERR
Background Selection : Custom	I M B G	2	OK or ERR	ERR
Background Selection : Blue	I M B G	3	OK or ERR	ERR
Background Selection : None	I M B G	4	OK or ERR	ERR
Startup Image Selection : Logo	I M S I	1	OK or ERR	ERR
Startup Image Selection : Custom	I M S I	2	OK or ERR	ERR
Startup Image Selection : None	I M S I	3	OK or ERR	ERR
Eco Mode : Standard	T H M D	0	OK or ERR	ERR
Eco Mode : Eco	T H M D	1	OK or ERR	ERR
Auto Search : Off	I N S E	0	OK or ERR	ERR
Auto Search : On	I N S E	1	OK or ERR	ERR
Auto Power Off : Disable	A P O W	0	OK or ERR	ERR
Auto Power Off : Enable	A P O W	1	OK or ERR	ERR
Lamp 1 Usage Time (Hour)	T L T T	1	0 - 9999 (Integer)	
Lamp 2 Usage Time (Hour)	T L T T	2	0 - 9999 (Integer)	
Lamp 1 Life (Percentage)	T L T L	1	0% - 100% (Integer)	
Lamp 2 Life (Percentage)	T L T L	2	0% - 100% (Integer)	
Lamp Mode : Both Lamps	L P M D	0	OK or ERR	ERR
Lamp Mode : Lamp 1 Only	L P M D	1	OK or ERR	ERR
Lamp Mode : Lamp 2 Only	L P M D	2	OK or ERR	ERR
Lamp Mode : Equal Use	L P M D	3	OK or ERR	ERR
PRJ Mode : Reverse Off	I M R E	0	OK or ERR	ERR
PRJ Mode : Reverse On	I M R E	1	OK or ERR	ERR
PRJ Mode : Invert Off	I M I N	0	OK or ERR	ERR
PRJ Mode : Invert On	I M I N	1	OK or ERR	ERR
Stack Setting : Normal	S T A K	0	OK or ERR	ERR
Stack Setting : Master	S T A K	1	OK or ERR	ERR
Stack Setting : Slave	S T A K	2	OK or ERR	ERR
Keylock Level : Normal	K E Y L	0	OK or ERR	ERR
Keylock Level : Level A	K E Y L	1	OK or ERR	ERR
Keylock Level : Level B	K E Y L	2	OK or ERR	ERR
Set Inputs : INPUT 1 No Use	R A S I	0	OK or ERR	ERR
Set Inputs : INPUT 1 Use	R A S I	1	OK or ERR	ERR
Set Inputs : INPUT 2 No Use	R B S I	0	OK or ERR	ERR
Set Inputs : INPUT 2 Use	R B S I	1	OK or ERR	ERR
Set Inputs : INPUT 3 No Use	R C S I	0	OK or ERR	ERR
Set Inputs : INPUT 3 Use	R C S I	1	OK or ERR	ERR
Set Inputs : INPUT 4 No Use	V A S I	0	OK or ERR	ERR
Set Inputs : INPUT 4 Use	V A S I	1	OK or ERR	ERR
Set Inputs : INPUT 5 No Use	V B S I	0	OK or ERR	ERR
Set Inputs : INPUT 5 Use	V B S I	1	OK or ERR	ERR
Monitor Out : Disable	M O U T	0	OK or ERR	
Monitor Out : Enable	M O U T	1	OK or ERR	
LAN/RS232C : Disable	L N R S	0	OK or ERR	*2
LAN/RS232C : Enable	L N R S	1	OK or ERR	
Language Selection : ENGLISH	M E L A	1	OK or ERR	ERR
Language Selection : DEUTSCH	M E L A	2	OK or ERR	ERR
Language Selection : ESPAÑOL	M E L A	3	OK or ERR	ERR
Language Selection : NEDERLANDS	M E L A	4	OK or ERR	ERR
Language Selection : FRANÇAIS	M E L A	5	OK or ERR	ERR
Language Selection : ITALIANO	M E L A	6	OK or ERR	ERR
Language Selection : SVENSKA	M E L A	7	OK or ERR	ERR
Language Selection : 日本語	M E L A	8	OK or ERR	ERR
Language Selection : PORTUGUES	M E L A	9	OK or ERR	ERR
Language Selection : 汉语	M E L A	10	OK or ERR	ERR
Language Selection : 한국어	M E L A	11	OK or ERR	ERR
Model Name Check	T N A M	1	EIP-4500	
Model Name Check 2	M N R D	1	EIP-4500	
Serial No. Check *3	S N R D	1	Serial No.	
Projector Name Setting 1 (First four characters) *4	P J N 1	* * * *	OK or ERR	
Projector Name Setting 2 (Middle four characters) *4	P J N 2	* * * *	OK or ERR	
Projector Name Setting 3 (Last four characters) *4	P J N 3	* * * *	OK or ERR	
Projector Name Check	P J N 0	- - - -	Projector Name	

Note

- If an underbar (_) appears in the parameter column, enter a space.
 - If an asterisk (*) appears in the parameter column, enter a value in the range indicated in brackets under Control Contents.
- *1 Parameters of CLR Temp settings are as follows.

CLR Temp	Parameter	CLR Temp	Parameter
4500K	_ 0 4 5	8500K	_ 0 8 5
5500K	_ 0 5 5	9300K	_ 0 9 3
6500K	_ 0 6 5	10500K	_ 1 0 5
7500K	_ 0 7 5		

*2 Because the RS-232C function stops, the projector send no response code.

*3 Serial No. Check command is used to read out the 12 digits of serial No..

*4 For setting the projector name, send the commands in order of PJN1, PJN2 and PJN3.