RICOH

DLP®プロジェクター
RICOH PJ WX4141NI/WX4141N/WX4141

シリアルコマンド資料

目次

本機はサービス用USB mini-BポートとPCをUSB接続することにより、PCからRS-232Cコマンド制御をすることが可能です。

ご使用の際は、PCにUSB to RS232変換アダプターコントローラー用ドライバーをインストールする必要があります。詳しくはサービス実施店にお問い合わせください。

●Format
　<Command format>
　　Header:　　'#'
　　Delimiter　　CR (0x0Dh)
　　Command　3Byte (ASCII Character)
　　Parameter　Variable length
　　　(If the command has a parameter, place a colon before the parameter.)

　<Response format>
　　Header:　　'='
　　Delimiter　　CR (0x0Dh)
　　Command　3Byte (ASCII Character, command echo)
　　Parameter　Variable length
　　　(If the command has a parameter, place a colon before the parameter.)

●Details and examples
　<Execution Command>
　　Command
　　`'#' 'X' 'X' 'X' CR`
　　　PARAM:　None

　　Example
　　Turn on the projector　(Success)
　　`'#' 'P' 'O' 'N' CR`

　　Response
　　`'=' 'X' 'X' 'X' ':' 'S' 'C' ID CR`
　　　ID:Result(ASCII Character)
　　　　0:Default
　　　　Other: Reserved

　　`'=' 'P' 'O' 'N' ':' 'S' 'C' '0' CR`

　<Adjustment command>
　　Get
　　`'#' 'X' 'X' 'X' CR`
　　　PARAM:　None

　　`'=' 'X' 'X' 'X' ':'　PARAM　CR`
　　　PARAM：Current value
　　　　The parameter has no '0' in front of actual value.
　　　　If the range of parameter includes negative value, the parameter other than 0 has a sign.
　　　　If the range of parameter does not includes negative value, the parameter has no sign.

　　Example
　　Get the volume　(25)
　　`'#' 'V' 'V' 'L' CR`

　　`'=' 'V' 'V' 'L' ':' '2' '5' CR`

　　Set
　　`'#' 'X' 'X' 'X' ':'　PARAM　CR`

　　PARAM：　`[ASCII number]`　Set the value(+)
　　　　　　`'+' [ASCII number]`　Set the value(+)
　　　　　　`'−' [ASCII number]`　Set the value(−)
　　　　　　`'I' 'N' 'C'`　Increment the value (+1)
　　　　　　`'D' 'E' 'C'`　Decrement the value(−1)
　　　　　　`'M' 'A' 'X'`　Maximize the value
　　　　　　`'M' 'I' 'N'`　Minimize the value
　　　　　　`'I' 'N' 'I'`　initialize the value

　　`'=' 'X' 'X' 'X' ':'　PARAM　CR`
　　　PARAM：Value after setting
　　　　The parameter has no '0' in front of actual value.
　　　　If the range of parameter includes negative value, the parameter other than 0 has a sign.
　　　　If the range of parameter does not includes negative value, the parameter has no sign.

　　Example
　　Set the Contrast（−3）
　　`'#' 'V' 'C' 'N' ':' '−' '3' CR`

　　`'=' 'V' 'C' 'N' ':' '−' '3' CR`

　　Increment the Brightness（+3 −> +4)
　　`'#' 'V' 'B' 'R' ':' 'I' 'N' 'C' CR`

　　`'=' 'V' 'B' 'R' ':' '+' '4' CR`

　　Initialize the V Keystone（ 0)
　　`'#' 'P' 'K' 'S' ':' 'I' 'N' 'I' CR`

　　`'=' 'P' 'K' 'S' ':' '0' CR`

　<Setting Command>
　　Get
　　`'#' 'X' 'X' 'X' CR`
　　　PARAM:　None

　　`'=' 'X' 'X' 'X' ':'　PARAM　CR`
　　　PARAM：Current value (ASCII number. See the conversion table in the command list.)

　　Example
　　Get the language (English = 0)
　　`'#' 'L' 'N' 'G' CR`

　　`'=' 'L' 'N' 'G' ':' '0' CR`

　　Set
　　`'#' 'X' 'X' 'X' ':'　PARAM　CR`
　　　PARAM：　`[ASCII number]`　Set the value (See the conversion table.)
　　　　　　`'I' 'N' 'I'`　initialize the value

　　`'=' 'X' 'X' 'X' ':'　PARAM　CR`
　　　PARAM：The value after setting

　　Example
　　Set the language （ Japanese = 10)
　　`'#' 'L' 'N' 'G' ':' '1' '0' CR`

　　`'=' 'L' 'N' 'G' ':' '1' '0' CR`

　　Initialize the projection mode (standard = 0)
　　`'#' 'P' 'J' 'M' ':' 'I' 'N' 'I' CR`

　　`'=' 'P' 'J' 'M' ':' '0' CR`

●Response of Illegal command
　<Unsupported command>

　　`'=' 'E' 'R' ID CR`
　　　ID:Error number(ASCII character)
　　　　0: Default
　　　　Other: Reserved

　　Example
　　Unknown Command
　　`'#' 'A' 'B' 'C' CR`

　　`'=' 'E' 'R' '0' CR`

　　Unknown Parameter
　　`'#' 'P' 'J' 'M' ':' 'X' 'Y' 'Z' CR`

　　`'=' 'E' 'R' '0' CR`

<Command error>

| '=' | 'X' | 'X' | 'X' | ':' | 'E' | 'R' | ID | CR |

ID:Error number(ASCII character)
　　0: Default
　　Other: Reserved

Example

Decrement the language（Unsupported parameter)

| '#' | 'L' | 'N' | 'G' | ':' | 'D' | 'E' | 'C' | CR |

| '=' | 'L' | 'N' | 'G' | ':' | 'E' | 'R' | '0' | CR |

Send the Power Off command when the projector is standby mode.

| '#' | 'P' | 'O' | 'F' | CR |

| '=' | 'P' | 'O' | 'F' | ':' | 'E' | 'R' | '0' | CR |

●Notes
　　・Numerical parameter has a sign. If it has no sign, the parameter is assumed to positive value.
　　・Numerical parameter is able to have a '0' in front of a valid value. For instance, parameter "+0012" is the same as "+12".
　　・Numerical parameter is limited from -2^{31} to $(2^{31}-1)$.
　　・Maximum command length is 128Byte.
　　・Ignore the BYTE code other than ASCII character.

RICOH Projector WX4141 Series RS232C Command List

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
										User Command	
実行コマンド											
Execution Group (Following State is Each Execution State)											
Turn On (in STANDBY state)	PON	o	x	x	x	x	x	x	x	'#' 'P' 'O' 'N' CR	'=' 'P' 'O' 'N' ':' 'S' 'C' ID CR
Turn Off	POF	o	x	x	x	x	x	x	x	'#' 'P' 'O' 'F' CR	'=' 'P' 'O' 'F' ':' 'S' 'C' ID CR
Shutdown	PSD	o	x	x	x	x	x	x	x	'#' 'P' 'S' 'D' CR	'=' 'P' 'S' 'D' ':' 'S' 'C' ID CR
Status Display	DON	o	x	x	x	x	x	x	x	'#' 'D' 'O' 'N' CR	'=' 'D' 'O' 'N' ':' 'S' 'C' ID CR
Erase OSD	DOF	o	x	x	x	x	x	x	x	'#' 'D' 'O' 'F' CR	'=' 'D' 'O' 'F' ':' 'S' 'C' ID CR
Auto Setting @ Analog Computer	PAT	o	x	x	x	x	x	x	x	'#' 'P' 'A' 'T' CR	'=' 'D' 'P' 'R' ':' 'S' 'C' ID CR
Reset All	DPR	o	x	x	x	x	x	x	x	'#' 'D' 'P' 'R' CR	'=' 'D' 'P' 'R' ':' 'S' 'C' ID CR
Input Search (when Auto Input Search is ON)	INS	o	x	x	x	x	x	x	x	'#' 'I' 'N' 'S' CR	'=' 'I' 'N' 'S' ':' 'S' 'C' ID CR
Key Control Group											
"UP" Key	KUP	o	x	x	x	x	x	x	x	'#' 'K' 'U' 'P' CR	'=' 'K' 'U' 'P' ':' 'S' 'C' ID CR
"DOWN" Key	KDN	o	x	x	x	x	x	x	x	'#' 'K' 'D' 'N' CR	'=' 'K' 'D' 'N' ':' 'S' 'C' ID CR
"LEFT" Key	KLE	o	x	x	x	x	x	x	x	'#' 'K' 'L' 'E' CR	'=' 'K' 'L' 'E' ':' 'S' 'C' ID CR
"RIGHT" Key	KRI	o	x	x	x	x	x	x	x	'#' 'K' 'R' 'I' CR	'=' 'K' 'R' 'I' ':' 'S' 'C' ID CR
"ON/STANDBY" Key	KON	o	x	x	x	x	x	x	x	'#' 'K' 'O' 'N' CR	'=' 'K' 'O' 'N' ':' 'S' 'C' ID CR
"MENU" Key	KMN	o	x	x	x	x	x	x	x	'#' 'K' 'M' 'N' CR	'=' 'K' 'M' 'N' ':' 'S' 'C' ID CR
"ENTER" Key	KEN	o	x	x	x	x	x	x	x	'#' 'K' 'E' 'N' CR	'=' 'K' 'E' 'N' ':' 'S' 'C' ID CR
"INPUT" Key	KIN	o	x	x	x	x	x	x	x	'#' 'K' 'I' 'N' CR	'=' 'K' 'I' 'N' ':' 'S' 'C' ID CR
"MUTE" Key	KMT	o	x	x	x	x	x	x	x	'#' 'K' 'M' 'T' CR	'=' 'K' 'M' 'T' ':' 'S' 'C' ID CR
Slide Show Control Group											
Move to root directory - Thumbnail	OMR	o	x	x	x	x	x	x	x	'#' 'O' 'M' 'R' CR	'=' 'O' 'M' 'R' ':' 'S' 'C' ID CR
Move to top file in directory - Thumbnail	OMT	o	x	x	x	x	x	x	x	'#' 'O' 'M' 'T' CR	'=' 'O' 'M' 'T' ':' 'S' 'C' ID CR
Move thumbnail cursor up	OCU	o	x	x	x	x	x	x	x	'#' 'O' 'C' 'U' CR	'=' 'O' 'C' 'U' ':' 'S' 'C' ID CR
Move thumbnail cursor down	OCD	o	x	x	x	x	x	x	x	'#' 'O' 'C' 'D' CR	'=' 'O' 'C' 'D' ':' 'S' 'C' ID CR
Move thumbnail cursor left	OCL	o	x	x	x	x	x	x	x	'#' 'O' 'C' 'L' CR	'=' 'O' 'C' 'L' ':' 'S' 'C' ID CR
Move thumbnail cursor right	OCR	o	x	x	x	x	x	x	x	'#' 'O' 'C' 'R' CR	'=' 'O' 'C' 'R' ':' 'S' 'C' ID CR
Display previous JPEG file	OSP	o	x	x	x	x	x	x	x	'#' 'O' 'S' 'P' CR	'=' 'O' 'S' 'P' ':' 'S' 'C' ID CR
Display next JPEG file	OSN	o	x	x	x	x	x	x	x	'#' 'O' 'S' 'N' CR	'=' 'O' 'S' 'N' ':' 'S' 'C' ID CR
Switch to auto slide mode	OSA	o	x	x	x	x	x	x	x	'#' 'O' 'S' 'A' CR	'=' 'O' 'S' 'A' ':' 'S' 'C' ID CR
Switch to manual slide mode	OSM	o	x	x	x	x	x	x	x	'#' 'O' 'S' 'M' CR	'=' 'O' 'S' 'M' ':' 'S' 'C' ID CR
Stop JPEG slide show	OSS	o	x	x	x	x	x	x	x	'#' 'O' 'S' 'S' CR	'=' 'O' 'S' 'S' ':' 'S' 'C' ID CR
USB Execute Group											
Unplug USB Device	OUD	o	x	x	x	x	x	x	x	'#' 'O' 'U' 'D' CR	'=' 'O' 'U' 'D' ':' 'S' 'C' ID CR
Network Execute Group											
Initialize all settings in Network unit	OIA	o	x	x	x	x	x	x	x	'#' 'O' 'I' 'A' CR	'=' 'O' 'I' 'A' ':' 'S' 'C' ID CR
Initialize wireless LAN settings	OIN	o	x	x	x	x	x	x	x	'#' 'O' 'I' 'N' CR	'=' 'O' 'I' 'N' ':' 'S' 'C' ID CR
設定コマンド											
Setting Group (Following State is "UART 0 Setting" with OSD)											
Picture Mode	PIC	x	o	x	x	x	x	x	x	'#' 'P' 'I' 'C' CR	'=' 'P' 'I' 'C' ':' PARAM : 0 to 4 CR
PictureMode 1(Bright) = 0		x	o	o	x	x	x	x	x	'#' 'P' 'I' 'C' ':' '0' CR	'=' 'P' 'I' 'C' ':' '0' CR
PictureMode 2(Standard) = 1		x	o	o	x	x	x	x	x	'#' 'P' 'I' 'C' ':' '1' CR	'=' 'P' 'I' 'C' ':' '1' CR
PictureMode 3(Natural) = 2		x	o	o	x	x	x	x	x	'#' 'P' 'I' 'C' ':' '2' CR	'=' 'P' 'I' 'C' ':' '2' CR
PictureMode 4(Movie) = 3		x	o	o	x	x	x	x	x	'#' 'P' 'I' 'C' ':' '3' CR	'=' 'P' 'I' 'C' ':' '3' CR
PictureMode 5(DICOM Sim. Mode) = 4		x	o	o	x	x	x	x	x	'#' 'P' 'I' 'C' ':' '4' CR	'=' 'P' 'I' 'C' ':' '4' CR
Default		x	o	x	x	x	x	x	o	'#' 'P' 'I' 'C' ':' 'I' 'N' 'I' CR	'=' 'P' 'I' 'C' ':' '1' CR
Noise Reduction	NRE	x	o	x	x	x	x	x	x	'#' 'N' 'R' 'E' CR	'=' 'N' 'R' 'E' ':' PARAM : 0 to 1 CR
Noise Reduction Off = 0		x	o	o	x	x	x	x	x	'#' 'N' 'R' 'E' ':' '0' CR	'=' 'N' 'R' 'E' ':' '0' CR
Noise Reduction On = 1		x	o	o	x	x	x	x	x	'#' 'N' 'R' 'E' ':' '1' CR	'=' 'N' 'R' 'E' ':' '1' CR
Default		x	o	x	x	x	x	x	o	'#' 'N' 'R' 'E' ':' 'I' 'N' 'I' CR	'=' 'N' 'R' 'E' ':' '0' CR
RGB Input Range	RRI	x	o	x	x	x	x	x	x	'#' 'R' 'R' 'I' CR	'=' 'R' 'R' 'I' ':' PARAM : 0 to 2 CR
Auto = 0		x	o	o	x	x	x	x	x	'#' 'R' 'R' 'I' ':' '0' CR	'=' 'R' 'R' 'I' ':' '0' CR
Standard = 1		x	o	o	x	x	x	x	x	'#' 'R' 'R' 'I' ':' '1' CR	'=' 'R' 'R' 'I' ':' '1' CR
Full = 2		x	o	o	x	x	x	x	x	'#' 'R' 'R' 'I' ':' '2' CR	'=' 'R' 'R' 'I' ':' '2' CR
Default		x	o	x	x	x	x	x	o	'#' 'R' 'R' 'I' ':' 'I' 'N' 'I' CR	'=' 'R' 'R' 'I' ':' '0' CR
Auto Keystone	AAK	x	o	x	x	x	x	x	x	'#' 'A' 'A' 'K' CR	'=' 'A' 'A' 'K' ':' PARAM : 0 to 1 CR
Off = 0		x	o	o	x	x	x	x	x	'#' 'A' 'A' 'K' ':' '0' CR	'=' 'A' 'A' 'K' ':' '0' CR
On = 1		x	o	o	x	x	x	x	x	'#' 'A' 'A' 'K' ':' '1' CR	'=' 'A' 'A' 'K' ':' '1' CR
Default		x	o	x	x	x	x	x	o	'#' 'A' 'A' 'K' ':' 'I' 'N' 'I' CR	'=' 'A' 'A' 'K' ':' '1' CR
Aspect	SCS	x	o	x	x	x	x	x	x	'#' 'S' 'C' 'S' CR	'=' 'S' 'C' 'S' ':' PARAM : 0 to 4 CR
Screen Size (Normal) = 0		x	o	o	x	x	x	x	x	'#' 'S' 'C' 'S' ':' '0' CR	'=' 'S' 'C' 'S' ':' '0' CR
Screen Size (16:9) = 1		x	o	o	x	x	x	x	x	'#' 'S' 'C' 'S' ':' '1' CR	'=' 'S' 'C' 'S' ':' '1' CR
Screen Size (Full) = 2		x	o	o	x	x	x	x	x	'#' 'S' 'C' 'S' ':' '2' CR	'=' 'S' 'C' 'S' ':' '2' CR
Screen Size (Native) = 3		x	o	o	x	x	x	x	x	'#' 'S' 'C' 'S' ':' '3' CR	'=' 'S' 'C' 'S' ':' '3' CR
Screen Size (Zoom) = 4		x	o	o	x	x	x	x	x	'#' 'S' 'C' 'S' ':' '4' CR	'=' 'S' 'C' 'S' ':' '4' CR
Default		x	o	x	x	x	x	x	o	'#' 'S' 'C' 'S' ':' 'I' 'N' 'I' CR	'=' 'S' 'C' 'S' ':' '0' CR
Wall Color Mode	BBM	x	o	x	x	x	x	x	x	'#' 'B' 'B' 'M' CR	'=' 'B' 'B' 'M' ':' PARAM : 0 to 5 CR
Off = 0		x	o	o	x	x	x	x	x	'#' 'B' 'B' 'M' ':' '0' CR	'=' 'B' 'B' 'M' ':' '0' CR
Whiteboard = 1		x	o	o	x	x	x	x	x	'#' 'B' 'B' 'M' ':' '1' CR	'=' 'B' 'B' 'M' ':' '1' CR

設定コマンド

Setting Group (Following State is "UART 0 Setting" with OSD)

Function	Command Name	EXE	GET	(val)	INC	DEC	MAX	MIN	INI	Command	Response
Beige = 2		X	O	O	X	X	X	X	X	'#' 'B' 'B' 'M' ':' '2' CR	'=' 'B' 'B' 'M' ':' '2' CR
Gray = 3		X	O	O	X	X	X	X	X	'#' 'B' 'B' 'M' ':' '3' CR	'=' 'B' 'B' 'M' ':' '3' CR
Blackboard(Green) = 4		X	O	O	X	X	X	X	X	'#' 'B' 'B' 'M' ':' '4' CR	'=' 'B' 'B' 'M' ':' '4' CR
Default		X	O	X	X	X	X	X	O	'#' 'B' 'B' 'M' ':' 'I' 'N' 'I' CR	'=' 'B' 'B' 'M' ':' '0' CR
3D Projection	DPJ	X	O	X	X	X	X	X	X	'#' 'D' 'P' 'J' CR	'=' 'D' 'P' 'J' ':' PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'D' 'P' 'J' ':' '0' CR	'=' 'D' 'P' 'J' ':' '0' CR
On = 1		X	O	O	X	X	X	X	X	'#' 'D' 'P' 'J' ':' '1' CR	'=' 'D' 'P' 'J' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'D' 'P' 'J' ':' 'I' 'N' 'I' CR	'=' 'D' 'P' 'J' ':' '0' CR
3D LR Reverse	LRR	X	O	X	X	X	X	X	X	'#' 'L' 'R' 'R' CR	'=' 'L' 'R' 'R' ':' PARAM : 0 to 1 CR
Normal = 0		X	O	O	X	X	X	X	X	'#' 'L' 'R' 'R' ':' '0' CR	'=' 'L' 'R' 'R' ':' '0' CR
Reverse = 1		X	O	O	X	X	X	X	X	'#' 'L' 'R' 'R' ':' '1' CR	'=' 'L' 'R' 'R' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'L' 'R' 'R' ':' 'I' 'N' 'I' CR	'=' 'L' 'R' 'R' ':' '0' CR
3D Format	TDF	X	O	X	X	X	X	X	X	'#' 'T' 'D' 'F' CR	'=' 'T' 'D' 'F' ':' PARAM : 0 to 4 CR
Auto = 0		X	O	O	X	X	X	X	X	'#' 'T' 'D' 'F' ':' '0' CR	'=' 'T' 'D' 'F' ':' '0' CR
Frame sequential = 1		X	O	O	X	X	X	X	X	'#' 'T' 'D' 'F' ':' '1' CR	'=' 'T' 'D' 'F' ':' '1' CR
Side by Side = 2		X	O	O	X	X	X	X	X	'#' 'T' 'D' 'F' ':' '2' CR	'=' 'T' 'D' 'F' ':' '2' CR
Top and Bottom = 3		X	O	O	X	X	X	X	X	'#' 'T' 'D' 'F' ':' '3' CR	'=' 'T' 'D' 'F' ':' '3' CR
Frame Packing = 4		X	O	O	X	X	X	X	X	'#' 'T' 'D' 'F' ':' '4' CR	'=' 'T' 'D' 'F' ':' '4' CR
Default		X	O	X	X	X	X	X	O	'#' 'T' 'D' 'F' ':' 'I' 'N' 'I' CR	'=' 'T' 'D' 'F' ':' '0' CR
Closed Caption	CCM	X	O	X	X	X	X	X	X	'#' 'C' 'C' 'M' CR	'=' 'C' 'C' 'M' ':' PARAM : 0 to 4 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'C' 'C' 'M' ':' '0' CR	'=' 'C' 'C' 'M' ':' '0' CR
CC-1 = 1		X	O	O	X	X	X	X	X	'#' 'C' 'C' 'M' ':' '1' CR	'=' 'C' 'C' 'M' ':' '1' CR
CC-2 = 2		X	O	O	X	X	X	X	X	'#' 'C' 'C' 'M' ':' '2' CR	'=' 'C' 'C' 'M' ':' '2' CR
CC-3 = 3		X	O	O	X	X	X	X	X	'#' 'C' 'C' 'M' ':' '3' CR	'=' 'C' 'C' 'M' ':' '3' CR
CC-4 = 4		X	O	O	X	X	X	X	X	'#' 'C' 'C' 'M' ':' '4' CR	'=' 'C' 'C' 'M' ':' '4' CR
Default		X	O	X	X	X	X	X	O	'#' 'C' 'C' 'M' ':' 'I' 'N' 'I' CR	'=' 'C' 'C' 'M' ':' '0' CR
High Quality Sound Mode	HSM	X	O	X	X	X	X	X	X	'#' 'H' 'S' 'M' CR	'=' 'H' 'S' 'M' ':' PARAM : 1 to 3 CR
Standard = 1		X	O	O	X	X	X	X	X	'#' 'H' 'S' 'M' ':' '1' CR	'=' 'H' 'S' 'M' ':' '1' CR
Narration = 2		X	O	O	X	X	X	X	X	'#' 'H' 'S' 'M' ':' '2' CR	'=' 'H' 'S' 'M' ':' '2' CR
Music = 3		X	O	O	X	X	X	X	X	'#' 'H' 'S' 'M' ':' '3' CR	'=' 'H' 'S' 'M' ':' '3' CR
Default		X	O	X	X	X	X	X	O	'#' 'H' 'S' 'M' ':' 'I' 'N' 'I' CR	'=' 'H' 'S' 'M' ':' '1' CR
Start on Input Detection	SID	X	O	X	X	X	X	X	X	'#' 'S' 'I' 'D' CR	'=' 'S' 'I' 'D' ':' PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'S' 'I' 'D' ':' '0' CR	'=' 'S' 'I' 'D' ':' '0' CR
On = 1		X	O	O	X	X	X	X	X	'#' 'S' 'I' 'D' ':' '1' CR	'=' 'S' 'I' 'D' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'S' 'I' 'D' ':' 'I' 'N' 'I' CR	'=' 'S' 'I' 'D' ':' '1' CR
Lamp Power	LPM	X	O	X	X	X	X	X	X	'#' 'L' 'P' 'M' CR	'=' 'L' 'P' 'M' ':' PARAM : 0 to 1 CR
Low = 0		X	O	O	X	X	X	X	X	'#' 'L' 'P' 'M' ':' '0'	'=' 'L' 'P' 'M' ':' '0' CR
Standard = 1		X	O	O	X	X	X	X	X	'#' 'L' 'P' 'M' ':' '1'	'=' 'L' 'P' 'M' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'L' 'P' 'M' ':' 'I' 'N' 'I' CR	'=' 'L' 'P' 'M' ':' '1' CR
Lamp Power on No Signal	NSL	X	O	X	X	X	X	X	X	'#' 'N' 'S' 'L' CR	'=' 'N' 'S' 'L' ':' AM : 0 to 1 CR
Eco = 0		X	O	O	X	X	X	X	X	'#' 'N' 'S' 'L' ':' '0'	'=' 'N' 'S' 'L' ':' '0' CR
Standard = 1		X	O	O	X	X	X	X	X	'#' 'N' 'S' 'L' ':' '1'	'=' 'N' 'S' 'L' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'N' 'S' 'L' ':' 'I' 'N' 'I' CR	'=' 'N' 'S' 'L' ':' '0' CR
Image Eco	IEC	X	O	X	X	X	X	X	X	'#' 'I' 'E' 'C' CR	'=' 'I' 'E' 'C' ':' AM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'I' 'E' 'C' ':' '0'	'=' 'I' 'E' 'C' ':' '0' CR
On = 1		X	O	O	X	X	X	X	X	'#' 'I' 'E' 'C' ':' '1'	'=' 'I' 'E' 'C' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'I' 'E' 'C' ':' 'I' 'N' 'I' CR	'=' 'I' 'E' 'C' ':' '1' CR
Power Off on No Signal	NPF	X	O	X	X	X	X	X	X	'#' 'N' 'P' 'F' CR	'=' 'N' 'P' 'F' ':' PARAM : 0 to 4 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'N' 'P' 'F' ':' '0' CR	'=' 'N' 'P' 'F' ':' '0' CR
On(5min) = 1		X	O	O	X	X	X	X	X	'#' 'N' 'P' 'F' ':' '1' CR	'=' 'N' 'P' 'F' ':' '1' CR
On(10min) = 2		X	O	O	X	X	X	X	X	'#' 'N' 'P' 'F' ':' '2' CR	'=' 'N' 'P' 'F' ':' '2' CR
On(20min) = 3		X	O	O	X	X	X	X	X	'#' 'N' 'P' 'F' ':' '3' CR	'=' 'N' 'P' 'F' ':' '3' CR
On(30min) = 4		X	O	O	X	X	X	X	X	'#' 'N' 'P' 'F' ':' '4' CR	'=' 'N' 'P' 'F' ':' '4' CR
Default		X	O	X	X	X	X	X	O	'#' 'N' 'P' 'F' ':' 'I' 'N' 'I' CR	'=' 'N' 'P' 'F' ':' '3' CR
Power on Standby	ESM	X	O	X	X	X	X	X	X	'#' 'E' 'S' 'M' CR	'=' 'E' 'S' 'M' ':' AM : 0 to 1 CR
Eco		X	O	O	X	X	X	X	X	'#' 'E' 'S' 'M' ':' '0' CR	'=' 'E' 'S' 'M' ':' '0' CR
Quick On		X	O	O	X	X	X	X	X	'#' 'E' 'S' 'M' ':' '1' CR	'=' 'E' 'S' 'M' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'E' 'S' 'M' ':' 'I' 'N' 'I' CR	'=' 'E' 'S' 'M' ':' '0' CR
Network Settings on Standby	SBN	X	O	X	X	X	X	X	X	'#' 'S' 'B' 'N' CR	'=' 'S' 'B' 'N' ':' PARAM : 0 to 2 CR
Wired/Wireless LAN		X	O	O	X	X	X	X	X	'#' 'S' 'B' 'N' ':' '0' CR	'=' 'S' 'B' 'N' ':' '2' CR
Wired Lan		X	O	O	X	X	X	X	X	'#' 'S' 'B' 'N' ':' '1' CR	'=' 'S' 'B' 'N' ':' '1' CR
Do not Use		X	O	O	X	X	X	X	X	'#' 'S' 'B' 'N' ':' '2' CR	'=' 'S' 'B' 'N' ':' '0' CR
Default		X	O	X	X	X	X	X	O	'#' 'S' 'B' 'N' ':' 'I' 'N' 'I' CR	'=' 'S' 'B' 'N' ':' '1' CR
Auto Input Search	AIS	EXE	X	X	X	X	X	X	X	'#' 'A' 'I' 'S' CR	'=' 'A' 'I' 'S' ':' PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'A' 'I' 'S' ':' '0' CR	'=' 'A' 'I' 'S' ':' '0' CR
On = 1		X	O	O	X	X	X	X	X	'#' 'A' 'I' 'S' ':' '1' CR	'=' 'A' 'I' 'S' ':' '1' CR
Default		X	O	X	X	X	X	X	O	'#' 'A' 'I' 'S' ':' 'I' 'N' 'I' CR	'=' 'A' 'I' 'S' ':' '1' CR
Interactive Mode	PBS	X	O	X	X	X	X	X	X	'#' 'P' 'B' 'S' CR	'=' 'P' 'B' 'S' ':' PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	'#' 'P' 'B' 'S' ':' '0'	'=' 'P' 'B' 'S' ':' '0' CR
On = 1		X	O	O	X	X	X	X	X	'#' 'P' 'B' 'S' ':' '1'	'=' 'P' 'B' 'S' ':' '1' CR

設定コマンド

Setting Group (Following State is "UART 0 Setting" with OSD)

Function	Command Name	EXE	GET	(val)	INC	DEC	MAX	MIN	INI	Command	Response
Default		X	O	X	X	X	X	X	O	#PBS:INI CR	=PBS:0 CR
Beep	BEP	X	O	X	X	X	X	X	X	#BEP CR	=BEP: PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	#BEP:0 CR	=BEP:0 CR
On = 1		X	O	O	X	X	X	X	X	#BEP:1 CR	=BEP:1 CR
Default		X	O	X	X	X	X	X	O	#BEP:INI CR	=BEP:1 CR
Background	BGC	X	O	O	X	X	X	X	X	#BGC CR	=BGC: PARAM : 0 to 2 CR
Logo = 0		X	O	O	X	X	X	X	X	#BGC:0 CR	=BGC:0 CR
Blue = 1		X	O	O	X	X	X	X	X	#BGC:1 CR	=BGC:1 CR
None = 2		X	O	O	X	X	X	X	X	#BGC:2 CR	=BGC:2 CR
Default		X	O	X	X	X	X	X	O	#BGC:INI CR	=BGC:0 CR
Display Guidance	ICN	X	O	X	X	X	X	X	X	#ICN CR	=ICN: PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	#ICN:0 CR	=ICN:0 CR
On = 1		X	O	O	X	X	X	X	X	#ICN:1 CR	=ICN:1 CR
Default		X	O	X	X	X	X	X	O	#ICN:INI CR	=ICN:1 CR
Startup Screen	SUS	X	O	X	X	X	X	X	X	#SUS CR	=SUS: PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	#SUS:0 CR	=SUS:0 CR
On = 1		X	O	O	X	X	X	X	X	#SUS:1 CR	=SUS:1 CR
Default		X	O	X	X	X	X	X	O	#SUS:INI CR	=SUS:1 CR
Language	LNG	X	O	X	X	X	X	X	X	#LNG CR	=LNG: PARAM : 0 to 24 CR
English = 0		X	O	O	X	X	X	X	X	#LNG:0 CR	=LNG:0 CR
Japanese = 1		X	O	O	X	X	X	X	X	#LNG:1 CR	=LNG:1 CR
Spanish = 2		X	O	O	X	X	X	X	X	#LNG:2 CR	=LNG:2 CR
Russian = 3		X	O	O	X	X	X	X	X	#LNG:3 CR	=LNG:3 CR
French = 4		X	O	O	X	X	X	X	X	#LNG:4 CR	=LNG:4 CR
Portuguese = 5		X	O	O	X	X	X	X	X	#LNG:5 CR	=LNG:5 CR
German = 6		X	O	O	X	X	X	X	X	#LNG:6 CR	=LNG:6 CR
Italian = 7		X	O	O	X	X	X	X	X	#LNG:7 CR	=LNG:7 CR
Dutch = 8		X	O	O	X	X	X	X	X	#LNG:8 CR	=LNG:8 CR
Polish = 9		X	O	O	X	X	X	X	X	#LNG:9 CR	=LNG:9 CR
Czech = 10		X	O	O	X	X	X	X	X	#LNG:10 CR	=LNG:10 CR
Swedish = 11		X	O	O	X	X	X	X	X	#LNG:11 CR	=LNG:11 CR
Finnish = 12		X	O	O	X	X	X	X	X	#LNG:12 CR	=LNG:12 CR
Hungarian = 13		X	O	O	X	X	X	X	X	#LNG:13 CR	=LNG:13 CR
Norwegian = 14		X	O	O	X	X	X	X	X	#LNG:14 CR	=LNG:14 CR
Danish = 15		X	O	O	X	X	X	X	X	#LNG:15 CR	=LNG:15 CR
Romanian = 16		X	O	O	X	X	X	X	X	#LNG:16 CR	=LNG:16 CR
Greek = 17		X	O	O	X	X	X	X	X	#LNG:17 CR	=LNG:17 CR
Turkish = 18		X	O	O	X	X	X	X	X	#LNG:18 CR	=LNG:18 CR
Arabic = 19		X	O	O	X	X	X	X	X	#LNG:19 CR	=LNG:19 CR
Thai = 20		X	O	O	X	X	X	X	X	#LNG:20 CR	=LNG:20 CR
Indonesia = 21		X	O	O	X	X	X	X	X	#LNG:21 CR	=LNG:21 CR
Language Chinese S = 22		X	O	O	X	X	X	X	X	#LNG:22 CR	=LNG:22 CR
Language Chinese T = 23		X	O	O	X	X	X	X	X	#LNG:23 CR	=LNG:23 CR
Korean = 24		X	O	O	X	X	X	X	X	#LNG:24 CR	=LNG:24 CR
Default		X	O	X	X	X	X	X	O	#LNG:INI CR	=LNG:0 CR
Current Time	CTM	X	O	X	X	X	X	X	X	#CTM CR	=CTM: *Note U3 CR
		X	O	O	X	X	X	X	X	#CTM: *Note U2 CR	=CTM: *Note U3 CR
Power Timer	PTM	X	O	X	X	X	X	X	X	#PTM CR	=PTM: PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	#PTM:0 CR	=PTM:0 CR
On = 1		X	O	O	X	X	X	X	X	#PTM:1 CR	=PTM:1 CR
Default		X	O	X	X	X	X	X	O	#PTM:INI CR	=PTM:0 CR
Projection Day	PJD	X	O	X	X	X	X	X	X	#PJD CR	=PJD: *Note U5 CR
		X	O	O	X	X	X	X	X	#PJD: *Note U4 CR	=PJD: *Note U5 CR
Projection Time	PJT	X	O	X	X	X	X	X	X	#PJT CR	=PJT: *Note U7 CR
		X	O	O	X	X	X	X	X	#PJT: *Note U6 CR	=PJT: *Note U7 CR
Projection Mode	PJM	X	O	X	X	X	X	X	X	#PJM CR	=PJM: PARAM : 0 to 3 CR
Standard = 0		X	O	O	X	X	X	X	X	#PJM:0 CR	=PJM:0 CR
Rear = 1		X	O	O	X	X	X	X	X	#PJM:1 CR	=PJM:1 CR
Ceiling = 2		X	O	O	X	X	X	X	X	#PJM:2 CR	=PJM:2 CR
Rear Ceiling = 3		X	O	O	X	X	X	X	X	#PJM:3 CR	=PJM:3 CR
Default		X	O	X	X	X	X	X	O	#PJM:INI CR	=PJM:0 CR
Remote Control ID	RCD	X	O	X	X	X	X	X	X	#RCD CR	=RCD: PARAM : 0 to 3 CR
ID 1 = 0		X	O	O	X	X	X	X	X	#RCD:0 CR	=RCD:0 CR
ID 2 = 1		X	O	O	X	X	X	X	X	#RCD:1 CR	=RCD:1 CR
ID 3 = 2		X	O	O	X	X	X	X	X	#RCD:2 CR	=RCD:2 CR
ID 4 = 3		X	O	O	X	X	X	X	X	#RCD:3 CR	=RCD:3 CR
Default		X	O	X	X	X	X	X	O	#RCD:INI CR	=RCD:0 CR
Power On Method	APM	X	O	X	X	X	X	X	X	#APM CR	=APM: PARAM : 0 to 1 CR
Manual = 0		X	O	O	X	X	X	X	X	#APM:0 CR	=APM:0 CR
Auto. = 1		X	O	O	X	X	X	X	X	#APM:1 CR	=APM:1 CR
Default		X	O	X	X	X	X	X	O	#APM:INI CR	=APM:0 CR

設定コマンド

Setting Group (Following State is "UART 0 Setting" with OSD)

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
High Altitude Mode	FMD	X	O	X	X	X	X	X	X	`#` `F` `M` `D` CR	`=` `F` `M` `D` `:` **PARAM : 0 to 1** CR
Off = 0		X	O	O	X	X	X	X	X	`#` `F` `M` `D` `:` `0` CR	`=` `F` `M` `D` `:` `0` CR
On = 1		X	O	O	X	X	X	X	X	`#` `F` `M` `D` `:` `1` CR	`=` `F` `M` `D` `:` `1` CR
Default		X	O	X	X	X	X	X	O	`#` `F` `M` `D` `:` `I` `N` `I` CR	`=` `F` `M` `D` `:` `0` CR
Key Lock	KLC	X	O	X	X	X	X	X	X	`#` `K` `L` `C` CR	`=` `K` `L` `C` `:` **PARAM : 0 to 1** CR
Off = 0		X	O	O	X	X	X	X	X	`#` `K` `L` `C` `:` `0` CR	`=` `K` `L` `C` `:` `0` CR
On = 1		X	O	O	X	X	X	X	X	`#` `K` `L` `C` `:` `1` CR	`=` `K` `L` `C` `:` `1` CR
Default		X	O	X	X	X	X	X	O	`#` `K` `L` `C` `:` `I` `N` `I` CR	`=` `K` `L` `C` `:` `0` CR

Toggle Function Group (Following State is Each Execution State)

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
Mute	MUT	X	O	X	X	X	X	X	X	`#` `M` `U` `T` CR	`=` `M` `U` `T` `:` **PARAM : 0 to 1** CR
Mute On = 1		X	O	O	X	X	X	X	X	`#` `M` `U` `T` `:` `1` CR	`=` `M` `U` `T` `:` `1` CR
Mute Off = 0		X	O	O	X	X	X	X	X	`#` `M` `U` `T` `:` `0` CR	`=` `M` `U` `T` `:` `0` CR
Freeze	FRZ	X	O	X	X	X	X	X	X	`#` `F` `R` `Z` CR	`=` `F` `R` `Z` `:` **PARAM : 0 to 1** CR
Freeze On = 1		X	O	O	X	X	X	X	X	`#` `F` `R` `Z` `:` `1` CR	`=` `F` `R` `Z` `:` `1` CR
Freeze Off = 0		X	O	O	X	X	X	X	X	`#` `F` `R` `Z` `:` `0` CR	`=` `F` `R` `Z` `:` `0` CR
Resize	RSZ	X	O	X	X	X	X	X	X	`#` `R` `S` `Z` CR	`=` `R` `S` `Z` `:` **PARAM : 0 to 1** CR
Resize State = On (Get Status Only)		X	O	X	X	X	X	X	X	`#` `R` `S` `Z` CR	`=` `R` `S` `Z` `:` `1` CR
Resize State = Off (Get Status Only)		X	O	X	X	X	X	X	X	`#` `R` `S` `Z` CR	`=` `R` `S` `Z` `:` `0` CR
Resize Up = INC		X	O	X	O	X	X	X	X	`#` `R` `S` `Z` `:` `I` `N` `C` CR	`=` `R` `S` `Z` `:` **PARAM : 0 to 1** CR
Resize Down = DEC		X	O	X	X	O	X	X	X	`#` `R` `S` `Z` `:` `D` `E` `C` CR	`=` `R` `S` `Z` `:` **PARAM : 0 to 1** CR
Resize Off (in RESIZE state) = INI		X	O	X	X	X	X	X	O	`#` `R` `S` `Z` `:` `I` `N` `I` CR	`=` `R` `S` `Z` `:` `0` CR
Resize Move Up = 1	PO1	O	X	X	X	X	X	X	X	`#` `P` `O` `1` CR	`=` `P` `O` `1` `:` `S` `C` ID CR
Resize Move Down = 2	PO2	O	X	X	X	X	X	X	X	`#` `P` `O` `2` CR	`=` `P` `O` `2` `:` `S` `C` ID CR
Resize Move Left = 3	PO3	O	X	X	X	X	X	X	X	`#` `P` `O` `3` CR	`=` `P` `O` `3` `:` `S` `C` ID CR
Resize Move Right = 4	PO4	O	X	X	X	X	X	X	X	`#` `P` `O` `4` CR	`=` `P` `O` `4` `:` `S` `C` ID CR
Display Position											
Display Postion Up = 1	DP1	O	X	X	X	X	X	X	X	`#` `D` `P` `1` CR	`=` `D` `P` `1` `:` `S` `C` ID CR
Display Postion Down = 2	DP2	O	X	X	X	X	X	X	X	`#` `D` `P` `2` CR	`=` `D` `P` `2` `:` `S` `C` ID CR
Display Postion Left = 3	DP3	O	X	X	X	X	X	X	X	`#` `D` `P` `3` CR	`=` `D` `P` `3` `:` `S` `C` ID CR
Display Postion Right = 4	DP4	O	X	X	X	X	X	X	X	`#` `D` `P` `4` CR	`=` `D` `P` `4` `:` `S` `C` ID CR

Special Group (Following State is "Input Channel")

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
Input Source	INP	X	O	X	X	X	X	X	X	`#` `I` `N` `P` CR	`=` `I` `N` `P` `:` M : 0 to 13 CR
RGB 1 = 1		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `1` CR	`=` `I` `N` `P` `:` `1` CR
YPBbPr 1 = 2		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `2` CR	`=` `I` `N` `P` `:` `2` CR
(Reserved)											
HDMI = 5		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `5` CR	`=` `I` `N` `P` `:` `5` CR
(Reserved)											
(Reserved)											
(Reserved)											
Video = 9		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `9` CR	`=` `I` `N` `P` `:` `9` CR
(Reserved)											
(Reserved)											
Network = 12		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `1` `2` CR	`=` `I` `N` `P` `:` `12` CR
USB = 13		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `1` `3` CR	`=` `I` `N` `P` `:` `13` CR
Server = 14		X	O	O	X	X	X	X	X	`#` `I` `N` `P` `:` `1` `4` CR	`=` `I` `N` `P` `:` `14` CR

Thumbnail Setting Group

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
Auto Demo	OAD	X	O	X	X	X	X	X	X	`#` `O` `A` `D` CR	`=` `O` `A` `D` `:` PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	`#` `O` `A` `D` `:` `0` CR	`=` `O` `A` `D` `:` `0` CR
On = 1		X	O	O	X	X	X	X	X	`#` `O` `A` `D` `:` `1` CR	`=` `O` `A` `D` `:` `1` CR
Set Interval Time	NIT	X	O	O	X	X	X	X	X	`#` `N` `I` `T` `:` PARAM : 5 to 999 CR	`=` `N` `I` `T` `:` `0` CR CR NU
Get Imterval Time	NVQ	X	O	X	X	X	X	X	X	`#` `N` `V` `Q` CR	`=` `N` `V` `Q` `:` PARAM : 5 to 999
Initialize Interval Time	NVI	X	O	X	X	X	X	X	O	`#` `N` `V` `I` CR	`=` `N` `V` `I` `:` `0` CR CR NU
Repeat	ORP	X	O	X	X	X	X	X	X	`#` `O` `R` `P` CR	`=` `O` `R` `P` `:` PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	`#` `O` `R` `P` `:` `0` CR	`=` `O` `R` `P` `:` `0` CR
On = 1		X	O	O	X	X	X	X	X	`#` `O` `R` `P` `:` `1` CR	`=` `O` `R` `P` `:` `1` CR
Display Effect	ODE	X	O	X	X	X	X	X	X	`#` `O` `D` `E` CR	`=` `O` `D` `E` `:` PARAM : 0 to 9 CR
None = 0		X	O	O	X	X	X	X	X	`#` `O` `D` `E` `:` `0` CR	`=` `O` `D` `E` `:` `0` CR
Push = 1		X	O	O	X	X	X	X	X	`#` `O` `D` `E` `:` `1` CR	`=` `O` `D` `E` `:` `1` CR
Wipe = 2		X	O	O	X	X	X	X	X	`#` `O` `D` `E` `:` `2` CR	`=` `O` `D` `E` `:` `2` CR
Fade = 3		X	O	O	X	X	X	X	X	`#` `O` `D` `E` `:` `3` CR	`=` `O` `D` `E` `:` `3` CR
Default		X	O	X	X	X	X	X	O	`#` `O` `D` `E` `:` `I` `N` `I` CR	`=` `O` `D` `E` `:` `4` CR

情報取得コマンド

Projector Status Group

Function	Command Name	EXE	GET	SET (val)	INC	DEC	MAX	MIN	INI	Command	Response
Projector Power State	SPS	X	O	X	X	X	X	X	X	`#` `S` `P` `S` CR	`=` `S` `P` `S` `:` PARAM : 0 to 7
Input Channel Information	SIC	X	O	X	X	X	X	X	X	`#` `S` `I` `C` CR	`=` `S` `I` `C` `:` M : 0 to 255 CR
Input Source Information	SIS	X	O	X	X	X	X	X	X	`#` `S` `I` `S` CR	`=` `S` `I` `S` `:` PARAM : 0 to 255 CR
Signal Mode Information	SSG	X	O	(val)	INC	DEC	MAX	MIN	INI	`#` `S` `S` `G` CR	`=` `S` `S` `G` `:` PARAM : 0 to 65535 CR
Detected Error Type	SER	X	O	X	X	X	X	X	X	`#` `S` `E` `R` CR	`=` `S` `E` `R` `:` M : 0 to 255 CR
User Lamp Time	SLT	X	O	X	X	X	X	X	X	`#` `S` `L` `T` CR	`=` `S` `L` `T` `:` *Note U1 CR
Filter Time	SFT	X	O	X	X	X	X	X	X	`#` `S` `P` `T` CR	`=` `S` `P` `T` `:` *Note U1 CR
Total Time	STT	X	O	X	X	X	X	X	X	`#` `S` `T` `T` CR	`=` `S` `T` `T` `:` *Note U1 CR
Fan 1 Speed (RPM)	SF1	X	O	X	X	X	X	X	X	`#` `S` `F` `1` CR	`=` `S` `F` `1` `:` **PARAM : 0 to 65535** CR
Fan 2 Speed (RPM)	SF2	X	O	X	X	X	X	X	X	`#` `S` `F` `2` CR	`=` `S` `F` `2` `:` **PARAM : 0 to 65535** CR

情報取得コマンド

Projector Status Group

Function	Command Name	EXE	GET	(val)	INC	DEC	MAX	MIN	INI	Command	Response
Fan 3 Speed (RPM)	SF3	x	o	x	x	x	x	x	x	'#' 'S' 'F' '3' CR	'=' 'S' 'F' '3' ':' PARAM : 0 to 65535 CR
Fan 4 Speed (RPM)	SF4	x	o	x	x	x	x	x	x	'#' 'S' 'F' '4' CR	'=' 'S' 'F' '4' ':' PARAM : 0 to 65535 CR
Temperature 1 (Degree C)	ST1	x	o	x	x	x	x	x	x	'#' 'S' 'T' '1' CR	'=' 'S' 'T' '1' ':' PARAM : -128 to 127 CR
Temperature 2 (Degree C)	ST2	x	o	x	x	x	x	x	x	'#' 'S' 'T' '2' CR	'=' 'S' 'T' '2' ':' **PARAM : -128 to 127** CR
Serial Number	SSN	x	o	x	x	x	x	x	x	'#' 'S' 'S' 'N' CR	'=' 'S' 'S' 'N' ':' 16 Byte ASCII Code CR
Software Version	SSV	x	o	x	x	x	x	x	x	'#' 'S' 'S' 'V' CR	'=' 'S' 'S' 'V' ':' 4Byte ASCII Code CR

調整コマンド

Adjustment Group (Following State is "UART 0 Adjustment" with OSD)

Function	Command Name	EXE	GET	(val)	INC	DEC	MAX	MIN	INI	Command	Response
Volume	VVL	x	o	o	o	o	o	o	o	'#' 'V' 'V' 'L' ':' PARAM : 0 to 50 CR	'=' 'V' 'V' 'L' ':' PARAM : 0 to 50 CR
V Keystone	PKS	x	o	o	o	o	o	o	o	'#' 'P' 'K' 'S' ':' PARAM : -32 to +32 CR	'=' 'P' 'K' 'S' ':' PARAM : -32 to +32 CR
Zoom (0-20% reduction)	ZOM	x	o	o	o	o	o	o	o	'#' 'Z' 'O' 'M' ':' **PARAM : 0 to 20** CR	'=' 'Z' 'O' 'M' ':' **PARAM : 0 to 20** CR
Contrast	VCN	x	o	o	o	o	o	o	o	'#' 'V' 'C' 'N' ':' PARAM : -16 to +16 CR	'=' 'V' 'C' 'N' ':' PARAM : -16 to +16 CR
Brightness	VBR	x	o	o	o	o	o	o	o	'#' 'V' 'B' 'R' ':' PARAM : -16 to +16 CR	'=' 'V' 'B' 'R' ':' PARAM : -16 to +16 CR
Sharpness	VSH	x	o	o	o	o	o	o	o	'#' 'V' 'S' 'H' ':' PARAM : -8 to +8 CR	'=' 'V' 'S' 'H' ':' PARAM : -8 to +8 CR
Red Level	VLR	x	o	o	o	o	o	o	o	'#' 'V' 'L' 'R' ':' PARAM : -16 to +16 CR	'=' 'V' 'L' 'R' ':' PARAM : -16 to +16 CR
Green Level	VLG	x	o	o	o	o	o	o	o	'#' 'V' 'L' 'G' ':' PARAM : -16 to +16 CR	'=' 'V' 'L' 'G' ':' PARAM : -16 to +16 CR
Blue Level	VLB	x	o	o	o	o	o	o	o	'#' 'V' 'L' 'B' ':' PARAM : -16 to +16 CR	'=' 'V' 'L' 'B' ':' PARAM : -16 to +16 CR
Color Saturation	VCL	x	o	o	o	o	o	o	o	'#' 'V' 'C' 'L' ':' PARAM : -16 to +16 CR	'=' 'V' 'C' 'L' ':' PARAM : -16 to +16 CR
Tint	VTN	x	o	o	o	o	o	o	o	'#' 'V' 'T' 'N' ':' PARAM : -16 to +16 CR	'=' 'V' 'T' 'N' ':' PARAM : -16 to +16 CR
Phase	PPH	x	o	o	o	o	o	o	o	'#' 'P' 'P' 'H' ':' PARAM : 0 to 31 CR	'=' 'P' 'P' 'H' ':' PARAM : 0 to 31 CR
Frequency	PCK	x	o	o	o	o	o	o	o	'#' 'P' 'C' 'K' ':' PARAM : -64 to +64 CR	'=' 'P' 'C' 'K' ':' PARAM : -64 to +64 CR
H Position	PHP	x	o	o	o	o	o	o	o	'#' 'P' 'H' 'P' ':' PARAM : -64 to +64 CR	'=' 'P' 'H' 'P' ':' PARAM : -64 to +64 CR
V Position	PVP	x	o	o	o	o	o	o	o	'#' 'P' 'V' 'P' ':' PARAM : -32 to +32 CR	'=' 'P' 'V' 'P' ':' PARAM : -32 to +32 CR
Clamp 1 (Position)	PC1	x	o	o	o	o	o	o	o	'#' 'P' 'C' '1' ':' PARAM : 0 to 255 CR	'=' 'P' 'C' '1' ':' PARAM : 0 to 255 CR
Clamp 2 (Width)	PC2	x	o	o	o	o	o	o	o	'#' 'P' 'C' '2' ':' PARAM : 0 to 255 CR	'=' 'P' 'C' '2' ':' PARAM : 0 to 255 CR

Note : 115200bps / No Parity / Data Length 8-Bit / Stop Bit Length 1-Bit

Note : Invalid Command Response   '=' 'E' 'R' ID CR   or   No Return Data

Note : Execution Failure Response   '=' Command ':' 'E' 'R' ID CR

Note U1 : Timer Parameter Response   '=' ommand ':' Hours : 0 to 65535 'H' Min. : 0 to 59 'M' Sec. : 0 to 59 'S' CR

Note U2 : Current Time Parameter   '#' 'C' 'T' 'M' ':' Day : 0 to 6 SPACE Hours : 0 to 23 SPACE Min. : 0 to 59 CR   *Day = 0 : SUN, 1 : MON, 2 : TUE, 3 : WED, …, 6 : SAT

Note U3 : Current Time Parameter Response   '=' 'C' 'T' 'M' ':' Day : 0 to 6 SPACE Hours : 0 to 23 '-' Min. : 0 to 59 CR   *Day = 0 : SUN, 1 : MON, 2 : TUE, 3 : WED, …, 6 : SAT

Note U4 : Power Timer Day Setting Parameter   '#' 'P' 'J' 'D' ':' Day : 0 to 127 CR   *Day = bit0 : SUN, bit1 : MON, bit2 : TUE, bit3 : WED, …, bit6 : SAT

Note U5 : Power Timer Day Setting Parameter Response   '=' 'P' 'J' 'D' ':' Day : 0 to 127 CR   *Day = bit0 : SUN, bit1 : MON, bit2 : TUE, bit3 : WED, …, bit6 : SAT

Note U6 : Power Timer Time Setting Parameter   '#' 'P' 'J' 'T' ':' Start Time : Hours SPACE Start Time : Min. SPACE End Time : Hours SPACE End Time : Min. CR
(0 to 23, or 255)   (0 to 59, or 255)   (0 to 23)   (0 to 59)

Note U7 : Power Timer Time Setting Parameter Response   '=' 'P' 'J' 'T' ':' Start Time : Hours ':' Start Time : Min. '-' End Time : Hours ':' End Time : Min. CR
(0 to 23, or 255)   (0 to 59, or 255)   (0 to 23)   (0 to 59)