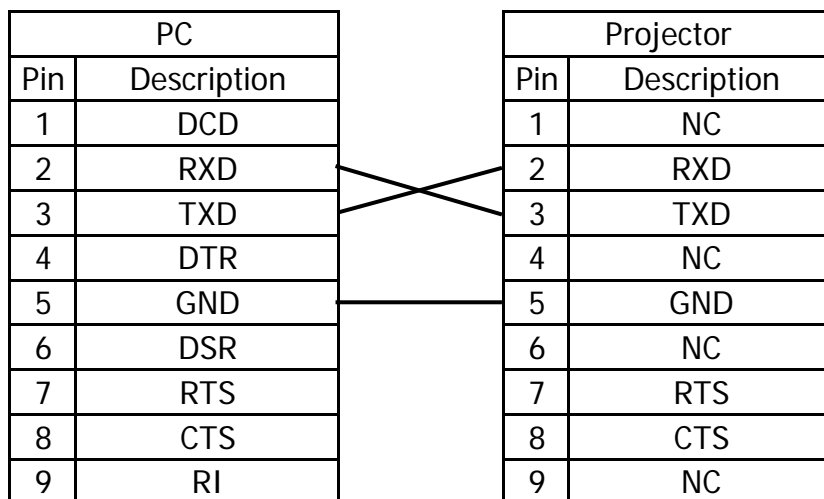


RS-232 Protocol Function

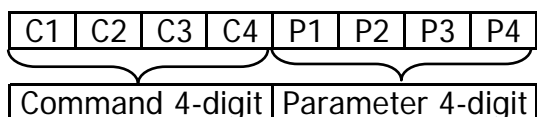
Pin Alignment



RS232C Setting

Baud Rate:	9600
Parity Check:	None
Data Bit:	8
Stop Bit:	1
Flow Control:	None

Command Format



Note:

- 1: If asterisk (*) is appeared in the parameter column, enter a value referred in "Note" column.
[E.g.]

Command	Input Parameter	Input Command
"KEYV*****"	-40	"KEYV_-40"
"KEYV*****"	-5	"KEYV_-05"
"KEYV*****"	0	"KEYV__0"
"KEYV*****"	40	"KEYV__40"

- 2: "**XX**" code in the "Factory code", this parameter is depending on "projector ID" in OSD Menu. This is set "**00**" as default. (It can be set from "00" to "99".)
[E.G.]

Projector ID = 00	Function	Command in the List	Sending Command
	Power On	"V XX S0001"	"V 00 S0001"
Projector ID = 50	Function	Command in the List	Sending Command
	Power On	"V XX S0001"	"V 50 S0001"

RS-232 Command List

Function	EIKI Format				Factory Format				Description	Return	Note		
	Command	Parameter			Command								
Power On	P	O	W	R	-	-	-	1	VXXS0001		OK/ERR		
Power Off	P	O	W	R	-	-	-	0	VXXS0002		OK/ERR		
Auto Sync	K	Y	S	Y	-	-	-	1	VXXS0408		OK/ERR		
Status	S	T	A	T	?	?	?	?	VXXS0412	Get Status Info in OSD Menu	OK/ERR		
Up	K	Y	U	P	-	-	-	1	VXXS0401		OK/ERR	(Only Use in OSD Menu)	
Down	K	Y	D	O	-	-	-	1	VXXS0402		OK/ERR		
Left	K	Y	L	E	-	-	-	1	VXXS0403		OK/ERR		
Right	K	Y	R	I	-	-	-	1	VXXS0404		OK/ERR		
Enter	K	Y	E	N	-	-	-	1	VXXS0420		OK/ERR		
Source	K	Y	I	N	-	-	-	1	VXXS0407		OK/ERR		
Menu	K	Y	M	N	-	-	-	1	VXXS0411		OK/ERR		
Zoom	L	N	Z	O	9	9	9	9	VXXS0414	Digital Zoom + (+1)	OK/ERR		
	L	N	Z	O	8	8	8	8	VXXS0415	Digital Zoom - (-1)	OK/ERR		
Volume	K	Y	V	O	9	9	9	9	VXXS0418	Increase value (+1)	OK/ERR		
	K	Y	V	O	8	8	8	8	VXXS0419	Decrease Value (-1)	OK/ERR		
Blank	P	I	M	U	-	-	-	1	VXXS0416	ON	OK/ERR		
	P	I	M	U	-	-	-	0		OFF	OK/ERR		
Freeze (Toggle)	K	Y	F	R	-	-	-	1	VXXS0417	ON/OFF	OK/ERR		
Input Select	I	C	H	K	?	?	?	?	VXXG0220	Get setting of Input Select	Parameter	1: VGA 1 2: VGA 2 4: VIDEO 5: S-Video 6: HDMI 1 9: HDMI 2 10: Display Port	
	I	S	E	L	-	-	-	1	VXXS0201	VGA 1	OK/ERR		
	I	S	E	L	-	-	-	2	VXXS0202	VGA 2	OK/ERR		
	I	S	E	L	-	-	-	4	VXXS0204	VIDEO	OK/ERR		
	I	S	E	L	-	-	-	5	VXXS0205	S-Video	OK/ERR		
	I	S	E	L	-	-	-	6	VXXS0206	HDMI 1	OK/ERR		
	I	S	E	L	-	-	-	9	VXXS0209	HDMI 2	OK/ERR		
	I	S	E	L	-	-	1	0	VXXS0210	Display Port	OK/ERR		
Display Mode	P	I	C	M	?	?	?	?	-	Get setting of Display Mode	Parameter	0: Standard 1: Presentation 2: Bright 3: Game 4: Movie 5: TV 6: sRGB 7: Blackboard 8: User	
	P	I	C	M	-	-	-	0	-	Standard	OK/ERR		
	P	I	C	M	-	-	-	1	-	Presentation	OK/ERR		
	P	I	C	M	-	-	-	2	-	Bright	OK/ERR		
	P	I	C	M	-	-	-	3	-	Game	OK/ERR		
	P	I	C	M	-	-	-	4	-	Movie	OK/ERR		
	P	I	C	M	-	-	-	5	-	TV	OK/ERR		
	P	I	C	M	-	-	-	6	-	sRGB	OK/ERR		
	P	I	C	M	-	-	-	7	-	Blackboard	OK/ERR		
P	I	C	M	-	-	-	8	-	User	OK/ERR			
Aspect Ratio	A	S	P	C	?	?	?	?	VXXG0301	Get setting of Aspect Ratio	Parameter	0: Fill 1: 4:3 2: 16:9 3: Letter Box 4: Native 5: 2.35:1	
	A	S	P	C	-	-	-	0	VXXS03010	Fill	OK/ERR		
	A	S	P	C	-	-	-	1	VXXS03011	4:3	OK/ERR		
	A	S	P	C	-	-	-	2	VXXS03012	16:9	OK/ERR		
	A	S	P	C	-	-	-	3	VXXS03013	Letter Box	OK/ERR		
	A	S	P	C	-	-	-	4	VXXS03014	Native	OK/ERR		
	A	S	P	C	-	-	-	5	VXXS03015	2.35:1	OK/ERR		

RS-232 Command List

Function	EIKI Format				Factory Format				Description	Return	Note	
	Command				Parameter							Command
Projection Mode	P	J	M	D	?	?	?	?	VXXG0308	Get setting of Projection Mode	Parameter	0: Front 1: Rear 2: Ceiling 3: Rear + Ceiling
	P	J	M	D	-	-	-	0	VXXS03080	Front	OK/ERR	
	P	J	M	D	-	-	-	1	VXXS03081	Rear	OK/ERR	
	P	J	M	D	-	-	-	2	VXXS03082	Ceiling	OK/ERR	
	P	J	M	D	-	-	-	3	VXXS03083	Rear + Ceiling	OK/ERR	
Keystone	K	E	Y	V	?	?	?	?	VXXG0309	Get Value (-40 ~ 40)	Parameter	
	K	E	Y	V	*	*	*	*	VXXS0309***	Set Input Value (-40 ~ 40)	OK/ERR	Parameter: -40 ~ 40
	K	E	Y	V	9	9	9	9	-	Increase value (+1)	OK/ERR	
	K	E	Y	V	8	8	8	8	-	Decrease Value (-1)	OK/ERR	
Brightness ("Set value" and "Change Value" is only used "Display Mode=User")	B	R	I	T	?	?	?	?	VXXG0101	Get Value (0 ~ 100)	Parameter	
	B	R	I	T	*	*	*	*	VXXS0101***	Set Input Value (0~100)	OK/ERR	Parameter: 0 ~ 100
	B	R	I	T	9	9	9	9	-	Increase value (+1)	OK/ERR	
	B	R	I	T	8	8	8	8	-	Decrease Value (-1)	OK/ERR	
Contrast ("Set value" and "Change Value" is only used "Display Mode=User")	C	O	N	T	?	?	?	?	VXXG0102	Get Value (0 ~ 100)	Parameter	
	C	O	N	T	*	*	*	*	VXXS0102***	Set Input Value (0~100)	OK/ERR	Parameter: 0 ~ 100
	C	O	N	T	9	9	9	9	-	Increase value (+1)	OK/ERR	
	C	O	N	T	8	8	8	8	-	Decrease Value (-1)	OK/ERR	
Color Temp ("Change Color Temp. Commands" are only used "Display Mode=User")	C	L	T	M	?	?	?	?	VXXG0106	Get setting of Color Temp	Parameter	0: Warm 1: Normal 2: Cool
	C	L	T	M	-	-	-	0	VXXS01060	Warm	OK/ERR	
	C	L	T	M	-	-	-	1	VXXS01061	Normal	OK/ERR	
	C	L	T	M	-	-	-	2	VXXS01062	Cool	OK/ERR	
Lamp Mode	L	M	P	M	?	?	?	?	-	Get setting of Lamp Mode	Parameter	0: Eco 1: Normal 2: Dynamic Eco
	L	M	P	M	-	-	-	0	-	Eco	OK/ERR	
	L	M	P	M	-	-	-	1	-	Normal	OK/ERR	
	L	M	P	M	-	-	-	2	-	Dynamic Eco	OK/ERR	
Auto Search	I	N	S	E	?	?	?	?	-	Get setting of Auto Search	Parameter	0: Off 1: On
	I	N	S	E	-	-	-	0	-	Off	OK/ERR	
	I	N	S	E	-	-	-	1	-	On	OK/ERR	
Fan Speed	H	L	M	D	?	?	?	?	-	Get setting of Fan Speed	Parameter	0: Off 1: On
	H	L	M	D	-	-	-	0	-	Off	OK/ERR	
	H	L	M	D	-	-	-	1	-	On	OK/ERR	
Test Pattern	P	T	R	N	?	?	?	?	-	Get setting of Test Pattern	Parameter	0: Off 1: Grid 2: White 3: Red 4: Green 5: Blue 6: Black
	P	T	R	N	-	-	-	0	-	Off	OK/ERR	
	P	T	R	N	-	-	-	1	-	Grid	OK/ERR	
	P	T	R	N	-	-	-	2	-	White	OK/ERR	
	P	T	R	N	-	-	-	3	-	Red	OK/ERR	
	P	T	R	N	-	-	-	4	-	Green	OK/ERR	
	P	T	R	N	-	-	-	5	-	Blue	OK/ERR	
	P	T	R	N	-	-	-	6	-	Black	OK/ERR	

RS-232 Command List

Function	EIKI Format				Factory Format				Description	Return	Note	
	Command				Parameter							Command
Language	M	E	L	A	?	?	?	?	-	Get setting of OSD Language	Parameter	0: English 1: French 2: German 3: Spanish 4: Simplified Chinese 5: Traditional Chinese 6: Russian 7: Korean 8: Arabic 9: Kazak
	M	E	L	A	_	_	_	0	-	English	OK/ERR	
	M	E	L	A	_	_	_	1	-	French	OK/ERR	
	M	E	L	A	_	_	_	2	-	German	OK/ERR	
	M	E	L	A	_	_	_	3	-	Spanish	OK/ERR	
	M	E	L	A	_	_	_	4	-	Simplified Chinese	OK/ERR	
	M	E	L	A	_	_	_	5	-	Traditional Chinese	OK/ERR	
	M	E	L	A	_	_	_	6	-	Russian	OK/ERR	
	M	E	L	A	_	_	_	7	-	Korean	OK/ERR	
	M	E	L	A	_	_	_	8	-	Arabic	OK/ERR	
M	E	L	A	_	_	_	9	-	Kazak	OK/ERR		
Model Name	M	N	R	D	_	_	_	1	-		Parameter	
Serial Number	S	N	R	D	_	_	_	1	-		Parameter	
F/W Version	S	W	V	R	_	_	_	1	VXXG0009		Parameter	
Lamp Usage Hours	T	L	T	T	_	_	_	1	VXXG0004		Parameter	
Projector Usage Hours	P	J	R	T	?	?	?	?	-		Parameter	
Factory Reset	A	L	R	E	_	_	_	1	VXXS0006		OK/ERR	