

RS232 Setting	
Baud rate:	9600
Parity check:	None
Data bit:	8
Stop bit:	1
Flow Control	None

Control Command Structure

	Header code	Command code	Data code	End code
HEX		Command	Data	0Dh
ASCII	'V'	Command	Data	CR

Operation Command

**Note:**  
**XX=00-98, projector's ID, XX=99 is for all projectors**  
**Return Result P=Pass / F=Fail**  
**n: 0:Disable/1: Enable/Vaule(0~9999)**

Command Group 00				
ASCII	HEX	Function	Description	Return Result
VXXS0001	56H 39H 39H 53H 30H 30H 30H 31H 0DH	Power On		P/F
VXXS0002	56H 39H 39H 53H 30H 30H 30H 32H 0DH	Power Off		P/F
VXXS0003	56H 39H 39H 53H 30H 30H 30H 33H 0DH	Resync		P/F
VXXG0004	56H 39H 39H 47H 30H 30H 30H 34H 0DH	Get Lamp Hours		Pn/F
VXXS0005n	56H 39H 39H 53H 30H 30H 30H 35H n 0DH	Set Air filter timer	n=0~999999	P/F
VXXG0005	56H 39H 39H 47H 30H 30H 30H 35H 0DH	Get Air filter timer	n=0~999999	Pn/F
VXXS0006	56H 39H 39H 53H 30H 30H 30H 36H 0DH	System Reset		P/F
VXXG0007	56H 39H 39H 47H 30H 30H 30H 37H 0DH	Get System Status	0: Reset 1:Standby 2:Operation 3:Cooling	Pn/F
VXXG0008	56H 39H 39H 47H 30H 30H 30H 38H 0DH	Get F/W Version		Pn/F
VXXG0009	56H 39H 39H 47H 30H 30H 30H 39H 0DH	Get Alter EMail		Pn/F
VXXS0009n	56H 39H 39H 53H 30H 30H 30H 39H n 0DH	Set Alter Email	n=xxxxxx@xxx.xxx.xx	P/F

Command Group 01				
ASCII	HEX	Function	Description	Return Value
VXXG0101	56H 39H 39H 47H 30H 31H 30H 31H 0DH	Get Brightness	n=0~100	Pn/F
VXXS0101n	56H 39H 39H 53H 30H 31H 30H 31H n 0DH	Set Brightness	n=0~100	P/F
VXXG0102	56H 39H 39H 47H 30H 31H 30H 32H 0DH	Get Contrast	n=0~100	Pn/F
VXXS0102n	56H 39H 39H 53H 30H 31H 30H 32H n 0DH	Set Contrast	n=0~100	P/F
VXXG0103	56H 39H 39H 47H 30H 31H 30H 33H 0DH	Get Color	n=0~100	Pn/F
VXXS0103n	56H 39H 39H 53H 30H 31H 30H 33H n 0DH	Set Color	n=0~100	P/F
VXXG0104	56H 39H 39H 47H 30H 31H 30H 34H 0DH	Get Tint	n=0~100	Pn/F
VXXS0104n	56H 39H 39H 53H 30H 31H 30H 34H n 0DH	Set Tint	n=0~100	P/F
VXXG0105	56H 39H 39H 47H 30H 31H 30H 35H 0DH	Get Sharpness	0~31	Pn/F
VXXS0105n	56H 39H 39H 53H 30H 31H 30H 35H n 0DH	Set Sharpness	0~31	P/F
VXXG0106	56H 39H 39H 47H 30H 31H 30H 36H 0DH	Get Color Temperature	0:Cold 1:Normal 2:Warm	Pn/F
VXXS0106n	56H 39H 39H 53H 30H 31H 30H 36H n 0DH	Set Color Temperature	0:Cold 1:Normal 2:Warm	P/F
VXXG0107	56H 39H 39H 47H 30H 31H 30H 37H 0DH	Get Gamma	0:PC 1:MAC 2:Video 3:Chart 4: B&W	Pn/F
VXXS0107n	56H 39H 39H 53H 30H 31H 30H 37H n 0DH	Set Gamma	0:PC 1:MAC 2:Video 3:Chart 4: B&W	P/F

Command Group 02				
ASCII	HEX	Function	Description	Return Value
VXXS0201	56H 39H 39H 53H 30H 32H 30H 31H 0DH	Select RGB		P/F
VXXS0202	56H 39H 39H 53H 30H 32H 30H 32H 0DH	Select RGB2		P/F
VXXS0203	56H 39H 39H 53H 30H 32H 30H 33H 0DH	Select DVI		P/F
VXXS0204	56H 39H 39H 53H 30H 32H 30H 34H 0DH	Select Video		P/F
VXXS0205	56H 39H 39H 53H 30H 32H 30H 35H 0DH	Select S-Video		P/F
VXXS0206	56H 39H 39H 53H 30H 32H 30H 36H 0DH	Select HDMI		P/F
VXXS0207	56H 39H 39H 53H 30H 32H 30H 37H 0DH	Select BNC		P/F

VXXG0220	56H 39H 39H 47H 30H 32H 32H 30H 0DH	Get Current Source	Return 1:RGB 2:RGB2 3:DVI 4:Video 5:S-Video 6:HDMI 7:BNC	Pn/F
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**Command Group 03**

ASCII	HEX	Function	Description	Return Value
VXXG0301	56H 39H 39H 47H 30H 33H 30H 31H 0DH	Get Scaling	0: Fill 1: 4:3 2: 16:9 3 :Letter Box 4 :Native	Pn/F
VXXS0301n	56H 39H 39H 53H 30H 33H 30H 31H n 0DH	Set Scaling	0: Fill 1: 4:3 2: 16:9 3 :Letter Box 4 :Native	P/F
VXXG0302	56H 39H 39H 47H 30H 33H 30H 32H 0DH	Blank		Pn/F
VXXS0302n	56H 39H 39H 53H 30H 33H 30H 32H n 0DH	Blank		P/F
VXXG0303	56H 39H 39H 47H 30H 33H 30H 33H 0DH	Auto Keystone On		Pn/F
VXXS0303n	56H 39H 39H 53H 30H 33H 30H 33H n 0DH	Auto Keystone On		P/F
VXXG0304	56H 39H 39H 47H 30H 33H 30H 34H 0DH	Freeze On		Pn/F
VXXS0304n	56H 39H 39H 53H 30H 33H 30H 34H n 0DH	Freeze On		P/F
VXXG0305	56H 39H 39H 47H 30H 33H 30H 35H 0DH	Volume	n=0~8	Pn/F
VXXS0305n	56H 39H 39H 53H 30H 33H 30H 35H n 0DH	Volume	n=0~8	P/F
VXXG0306	56H 39H 39H 47H 30H 33H 30H 36H 0DH	Treble	n=0~16	Pn/F
VXXS0306n	56H 39H 39H 53H 30H 33H 30H 36H n 0DH	Treble	n=0~16	P/F
VXXG0307	56H 39H 39H 47H 30H 33H 30H 37H 0DH	Bass	n=0~16	Pn/F
VXXS0307n	56H 39H 39H 53H 30H 33H 30H 37H n 0DH	Bass	n=0~16	P/F
VXXG0308	56H 39H 39H 47H 30H 33H 30H 38H 0DH	Projection Mode	0:Front 1:Rear 2:Ceiling 3:Rear+Ceiling	Pn/F
VXXS0308n	56H 39H 39H 53H 30H 33H 30H 38H n 0DH	Projection Mode	0:Front 1:Rear 2:Ceiling 3:Rear+Ceiling	P/F
VXXG0309	56H 39H 39H 47H 30H 33H 30H 39H 0DH	Set vertical keystone value	n= -30~30	Pn/F
VXXS0309n	56H 39H 39H 53H 30H 33H 30H 39H n 0DH	Set vertical keystone value	n= -30~30	P/F
VXXG0310	56H 39H 39H 47H 30H 33H 31H 30H 0DH	Set horizontal keystone value	n=-20~+20	Pn/F
VXXS0310n	56H 39H 39H 53H 30H 33H 31H 30H n 0DH	Set horizontal keystone value	n=-20~+20	P/F
VXXG0311	56H 39H 39H 47H 30H 33H 31H 31H 0DH	Adjust the zoom	n= -10~10	Pn/F
VXXS0311n	56H 39H 39H 53H 30H 33H 31H 31H n 0DH	Adjust the zoom	n= -10~10	P/F
VXXG0312	56H 39H 39H 47H 30H 33H 31H 32H 0DH	Adjust the focus	n=-20~+20	Pn/F
VXXS0312n	56H 39H 39H 53H 30H 33H 31H 32H n 0DH	Adjust the focus	n=-20~+20	P/F
VXXG0313	56H 39H 39H 47H 30H 33H 31H 33H 0DH	Adjust the vertical lens shift	n=-20~+20	Pn/F
VXXS0313n	56H 39H 39H 53H 30H 33H 31H 33H n 0DH	Adjust the vertical lens shift	n=-20~+20	P/F
VXXG0314	56H 39H 39H 47H 30H 33H 31H 34H 0DH	Adjust the horizontal lens shift	n=-20~+20	Pn/F
VXXS0314n	56H 39H 39H 53H 30H 33H 31H 34H n 0DH	Adjust the horizontal lens shift	n=-20~+20	P/F

**Command Group 04 (Remote Control)**

ASCII	HEX	Function	Description	Return Value
VXXS0401	56H 39H 39H 53H 30H 34H 30H 31H 0DH	UP arrow		P/F
VXXS0402	56H 39H 39H 53H 30H 34H 30H 32H 0DH	DOWN arrow		P/F
VXXS0403	56H 39H 39H 53H 30H 34H 30H 33H 0DH	LEFT arrow		P/F
VXXS0404	56H 39H 39H 53H 30H 34H 30H 34H 0DH	RIGHT arrow		P/F
VXXS0405	56H 39H 39H 53H 30H 34H 30H 35H 0DH	POWER		P/F
VXXS0406	56H 39H 39H 53H 30H 34H 30H 36H 0DH	EXIT		P/F
VXXS0407	56H 39H 39H 53H 30H 34H 30H 37H 0DH	INPUT		P/F
VXXS0408	56H 39H 39H 53H 30H 34H 30H 38H 0DH	AUTO		P/F
VXXS0409	56H 39H 39H 53H 30H 34H 30H 39H 0DH	KEYSTONE+		P/F
VXXS0410	56H 39H 39H 53H 30H 34H 31H 30H 0DH	KEYSTONE-		P/F
VXXS0411	56H 39H 39H 53H 30H 34H 31H 31H 0DH	MENU		P/F
VXXS0412	56H 39H 39H 53H 30H 34H 31H 32H 0DH	STATUS		P/F
VXXS0413	56H 39H 39H 53H 30H 34H 31H 33H 0DH	MUTE		P/F
VXXS0414	56H 39H 39H 53H 30H 34H 31H 34H 0DH	ZOOM+		P/F
VXXS0415	56H 39H 39H 53H 30H 34H 31H 35H 0DH	ZOOM-		P/F
VXXS0416	56H 39H 39H 53H 30H 34H 31H 36H 0DH	BLANK		P/F
VXXS0417	56H 39H 39H 53H 30H 34H 31H 37H 0DH	FREEZE		P/F
VXXS0418	56H 39H 39H 53H 30H 34H 31H 38H 0DH	VOLUME+		P/F
VXXS0419	56H 39H 39H 53H 30H 34H 31H 39H 0DH	VOLUME-		P/F
VXXS0420	56H 39H 39H 53H 30H 34H 32H 30H 0DH	Enter		P/F