



**i3PROJECTOR**

RS232 COMMAND SET

## RS232 COMMAND TABLE

Rs232 Default Setting:      RS-232 Cable Define  
 Baud rate : 19200          (PC side with D-sub 9pin female)  
 Data : 8 Bit                (Projector side with D-sub 9pin female)  
 Parity : none              RX 2 ----- 3 TX  
 Stop : 1 bit                TX 3 ----- 2 RX  
 Flow control : none        GND 5 ----- 5 GND

Command No	Command Description	Command Code	Command Value	Response	Hex Code
1	Power On	~poweron	N/A		7e 70 6f 77 65 72 6f 6e 0d
2	Power Off	~poweroff	N/A		7e 70 6f 77 65 72 6f 66 66 0d
3	R-sync	~rsync	N/A		7e 72 73 79 6e 63 0d
4	Mute	~mute	N/A		7e 6d 75 74 65 0d
5	Mute Off	~muteof	N/A		7e 6d 75 74 65 6f 66 66 0d
6	Get Mute State	~rmute	N/A	0:off 1:on	7e 72 6d 75 74 65 0d
7	Freeze	~freeze	N/A		7e 66 72 65 65 7a 65 0d
8	Freeze Off	~freezeoff	N/A		7e 66 72 65 65 7a 65 6f 66 66 0d
9	Blank	~blank	N/A		7e 62 6c 61 6e 6b 0d
10	Blank Off	~blankoff	N/A		7e 62 6c 61 6e 6b 6f 66 66 0d
11	Get Blank State	~rblank	N/A	0:off 1:on	7e 72 62 6c 61 6e 6b 0d
12	Color Mode	~colormode	0:Bright 1:PC 2:Movie 3:Game 4:User		7e 63 6f 6c 6f 72 6d 6f 64 65 [Value] 0d
13	Color Mode Read	~rcolormode	N/A	0:Bright 1:PC 2:Movie 3:Game 4:User	7e 72 63 6f 6c 6f 72 6d 6f 64 65 0d
14	Aspect Ratio	~aspectratio	1: Auto 2: 4:3 3: 16:9 4: 16:10		7e 61 73 70 65 63 74 72 61 74 69 6f [Value] 0d

Command No	Command Description	Command Code	Command Value	Response	Hex Code
15	Aspect ratio Read	~rapectratio	N/A	1: Auto 2: 4:3 3: 16:9 4: 16:10	7e 72 61 70 65 63 74 72 61 74 69 6f 0d
16	Source-HDMI	~hdmi	N/A		7e 68 64 6d 69 0d
17	Source-VGA-1	~vgaa	N/A		7e 76 67 61 61 0d
18	Source-VGA-2	~vgab	N/A		7e 76 67 61 62 0d
19	Source-S-Video	~svideo	N/A		7e 73 76 69 64 65 6f 0d
20	Source-Composite	~composite	N/A		7e 63 6f 6d 70 6f 73 69 74 65 0d
21	Current Source	~rsource	N/A	0: VGA-1 1: VGA-2 2: COMPOSITE 3: S-video 4: HDMI	7e 72 73 6f 75 72 63 65 0d
22	V. Keystone Read	~rkeystone	N/A	15 ~ -15	7e 72 6b 65 79 73 74 6f 6e 65 0d
23	Factory Reset	~factoryreset	N/A		7e 66 61 63 74 6f 72 79 72 65 73 65 74 0d
24	Lamp-Hours	~rlamphour	N/A		7e 72 6c 61 6d 70 68 6f 75 72 0d
25	Firmware Version	~rfirmwarev	N/A	AXX	7e 72 66 69 72 6d 77 61 72 65 76 0d
26	Ceiling Mount	~ceiling	0: Front 1: Front Ceiling 2: Rear 3: Rear Ceiling		7e 63 65 69 6c 69 6e 67 [Value] 0d
27	Ceiling Mount Read	~rceiling	N/A	0: Front 1: Front Ceiling 2: Rear 3: Rear Ceiling	7e 72 63 65 69 6c 69 6e 67 0d
28	Brightness Write	~brightness	0 ~ 100		7e 62 72 69 67 68 74 6e 65 73 73 [Value] 0d
29	Brightness Read	~rbrightness	N/A	0~100	7e 72 62 72 69 67 68 74 6e 65 73 73 0d
30	Contrast Write	~contrast	0 ~ 100		7e 62 72 69 67 68 74 6e 65 73 73 [Value] 0d
31	Contrast Read	~rcontrast	N/A	0 ~100	7e 72 62 72 69 67 68 74 6e 65 73 73 0d

Command No	Command Description	Command Code	Command Value	Response	Hex Code
32	Current Language Write	~clanguage	1 ~ 17	1: English 2: German 3: French 4: Italian 5: Spanish 6: Polish 7: Swedish 8: Dutch 9: Iberian Portuguese 10: Japanese 11: T_Chinese 12: S_Chinese 13: Korean 14: Russian 15: Arabic 16: Dansk 17: Turkish	7e 63 6c 61 6e 67 75 61 67 65 [Value] 0d
33	Current Language Read	~rclanguage	N/A	1 ~ 17	7e 72 63 6c 61 6e 67 75 61 67 65 0d
34	Volume Write	~volume	0 ~ 32		7e 76 6f 6c 75 6d 65 [Value] 0d
35	Volume Read	~rvolume		0 ~ 32	7e 72 76 6f 6c 75 6d 65 0d
34	Microphone Volume Write	~mvolume	0 ~ 32		7e 6d 76 6f 6c 75 6d 65 [Value] 0d
35	Microphone Volume Read	~rmvolume		0 ~ 32	7e 72 6d 76 6f 6c 75 6d 65 0d
37	Auto Power Off	~autopoweroff	0 ~ 120		7e 61 75 74 6f 70 6f 77 65 72 6f 66 66 [Value] 0d
38	Read Auto Power Off	~rautopoweroff	N/A	0 ~ 120	7e 72 61 75 74 6f 70 6f 77 65 72 6f 66 66 0d
39	Operating Hours	~rophours	N/A	Hours	7e 72 6f 70 68 6f 75 72 73 0d
40	System Status	~rsystem	N/A	0: Standby 1: Warm Up 2: Lamp On 3: Cooling	7e 72 73 79 73 74 65 6d 0d

\*[Value] : for example, we want to set autopoweroff to 50 minutes, the hex code is 7e 61 75 74 6f 70 6f 77 65 72 6f 66 66 35 30 0d