

RS-232 Command Table				
Settings: RS-232 Default Setting: Baud Rate: 19200, Data: 8 Bit, Parity: none, Stop: 1 Bit, Flow Control: none				
Command No.	Command Description	Command Code	Command Value	Response
1	Power On	~poweron	N/A	
2	R-sync	~rsync	N/A	
3	Mute	~mute	N/A	
4	Freeze	~freeze	N/A	
5	Blank	~blank	N/A	
6	Color Mode	~colormode	N/A	Toggle:
				Bright
				PC
				Movie
				Game
				User
7	Aspect Ratio	~aspectratio	N/A	
8	Power Off	~poweroff	N/A	
9	Source-HDMI	~hdmi	N/A	
10	Source-VGA-1	~vgaa	N/A	
11	Source-VGA-2	~vgab	N/A	
12	Source-S-Video	~svideo	N/A	
13	Source-Composite	~composite	N/A	
14	Current Source	~rsource	N/A	0x00: VGA-1
				0x01: VGA-2
				0x02: COMPOSITE
				0x03: S-video
				0x04: HDMI
				0x05: Wireless Display
				0x06: USB Display
				0x07: USB Viewer
0xFF: others				
15	V. Keystone Read	~rkeystone	N/A	
16	Color Mode Read	~rcolormode	N/A	0:Bright
				1:PC
				2:Movie
				3:Game
				4:User
17	Factory Reset	~factortreset	N/A	
18	Lamp-Hours	~rlanphr	N/A	
19	Firmware Version	~rfirmwarev	N/A	
20	Aspect Ratio Read	~rapectratio	N/A	0x00: Auto
				0x01: 4:3
				0x02: 16:9
				0x03: 16:10

21	Ceiling Mount	~ceiling	0x01~0x04	0x01: Front				
				0x02: Front Ceiling				
				0x03: Rear				
				0x04: Rear Ceiling				
22	Ceiling Mount Read	~rceiling	N/A	0x01: Front				
				0x02: Front Ceiling				
				0x03: Rear				
				0x04: Rear Ceiling				
23	Brightness Write	~brightness	0x00~0x64					
24	Brightness Read	~rbrightness	N/A					
25	Contrast Write	~contrast	0x00~0x64					
26	Contrast Read	~rcontrast	N/A					
27	Current Language Write	~clanguage	0x01~0x11	0x01: English				
				0x02: German				
				0x03: French				
				0x04: Italian				
				0x05: Spanish				
				0x06: Polish				
				0x07: Swedish				
				0x08: Dutch				
				0x09: Iberian Portuguese				
				0x0a: Japanese				
				0x0b: T_Chinese				
				0x0c: S_Chinese				
28	Current Language Read	~rclanguage	N/A	0x0d: Korean				
				0x0e: Russian				
				0x0f: Arabic				
				0x10: Danish				
				0x11: Turkish				
				29	Mute Off	~muteoff	N/A	
				30	Get Mute State	~rmute	N/A	
				31	Freeze Off	~freezeoff	N/A	
				32	Blank Off	~blankoff	N/A	
				33	Get Blank State	~rblank	N/A	
				34	Volume Write	~volume	0x00~0x20	
				35	Microphone Volume Write	~mvolume	0x00~0x20	
36	Microphone Volume Read	~rmvolume	0x00~0x20					
37	Auto Power Off	~autopoweroff	0x00~0x78					
38	Operating Hours	~rophours	N/A	Hours (2 bytes)				
39	Read Auto Power Off	~rautopoweroff	N/A	0x05~0x78				
40	System Status	~rsystem	N/A	0x01: Standby				
				0x02: Warm Up				
				0x03: Lamp On				
				0x04: Cooling				
				0x05: Power Saving				

### D-SUB 9 CONNECTOR PINOUT

The pinout and diagram of DE9 connector (DB9 connector), commonly used for serial port RS-232.

Pin	SIG.	Signal Name	DTE (PC)
1	DCD	Data Carrier Detect	in
2	RXD	Receive Data	in
3	TXD	Transmit Data	out
4	DTR	Data Terminal Ready	out
5	GND	Signal Ground	-
6	DSR	Data Set Ready	in
7	RTS	Request to Send	out
8	CTS	Clear to Send	in
9	RI	Ring Indicator	in

The DTE (PC) has the male connector (shown below), and the DCE (peripheral) has the female.

