



EH700

**Projector RS232 Command Control
Installation Guide**

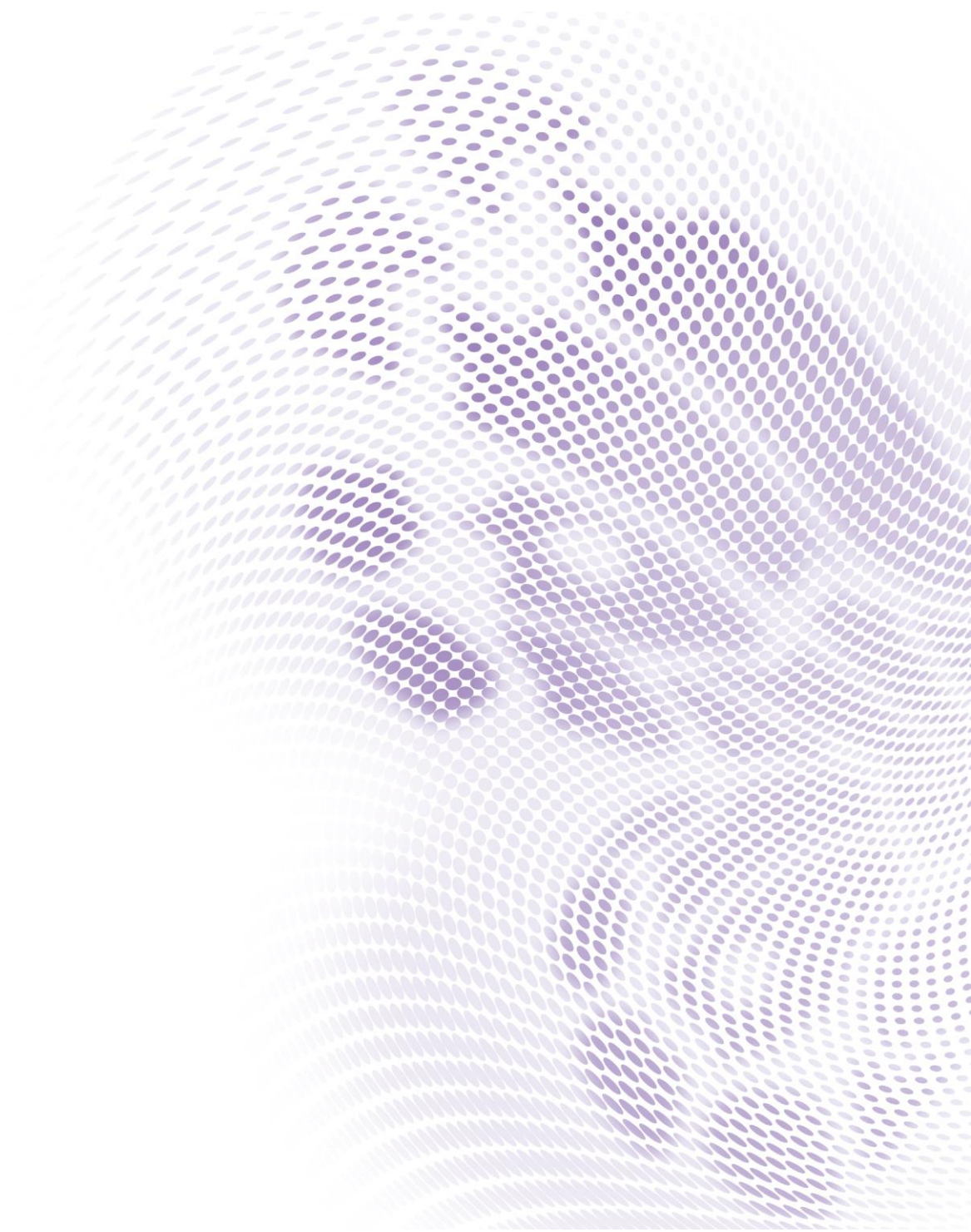


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Introduction

The document describes how to control your BenQ projector via RS232 from a computer. Follow the procedures to complete the connection and settings first, and refer to the command table for RS232 commands.



Available functions and commands vary by model. Check the specifications and user manual of the purchased projector for product functions.

Wire arrangement

Wire Arrangement		
P1	Color	P2
1	Black	1
2	Brown	3
3	Red	2
4	Orange	4
5	Yellow	5
6	Green	6
7	Blue	7
8	Purple	8
9	Gray	9
Case	Drain wire	Case

RS232 pin assignment

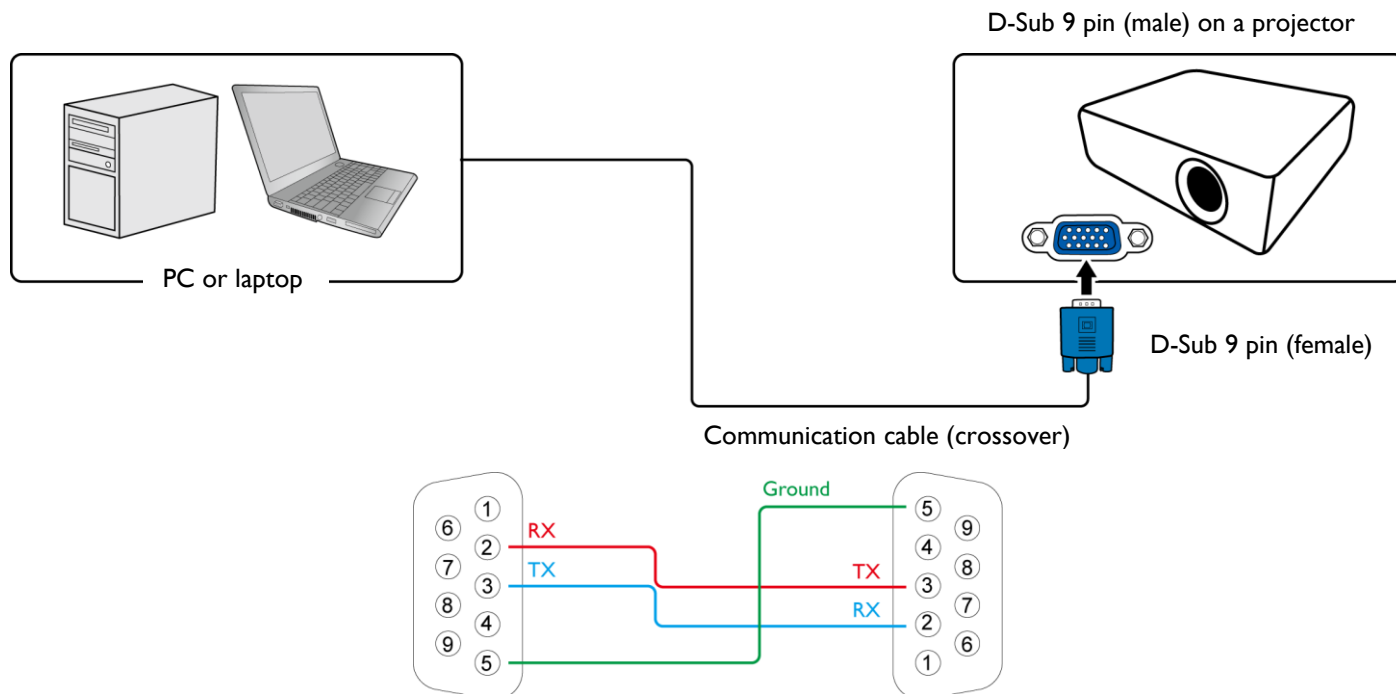


Pin	Description	Pin	Description
1	NC	2	RXD
3	TXD	4	NC
5	GND	6	NC
7	RTS	8	CTS
9	NC		

Connections and communication settings

Choose one of the connections and set up properly before RS232 control.

RS232 serial port with a crossover cable

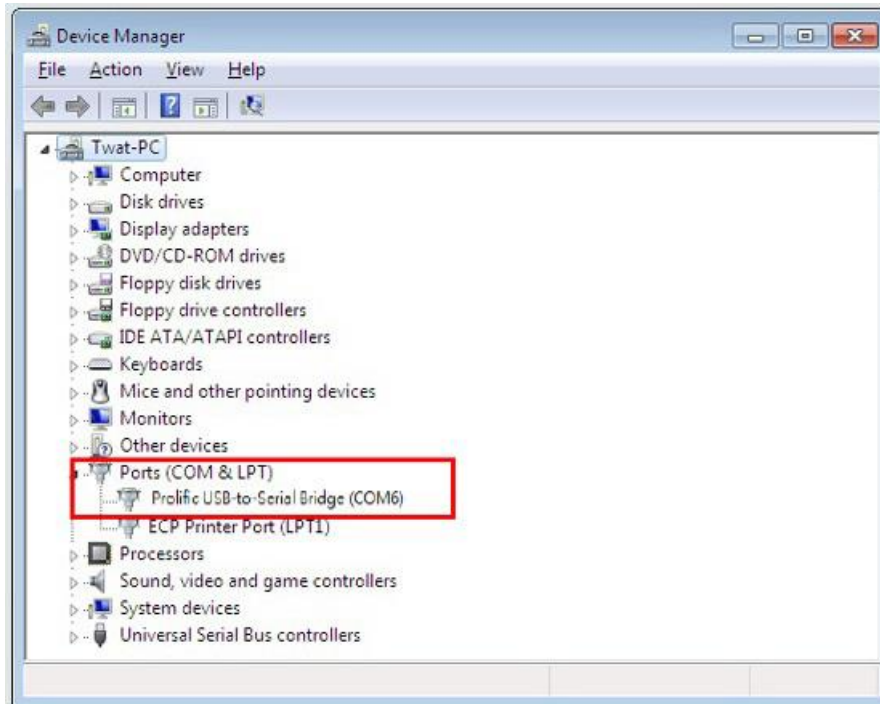


Settings



On-screen images in this document are for reference only. The screens may vary depending on your Operating System, I/O ports used for connection, and the specifications of the connected projector.

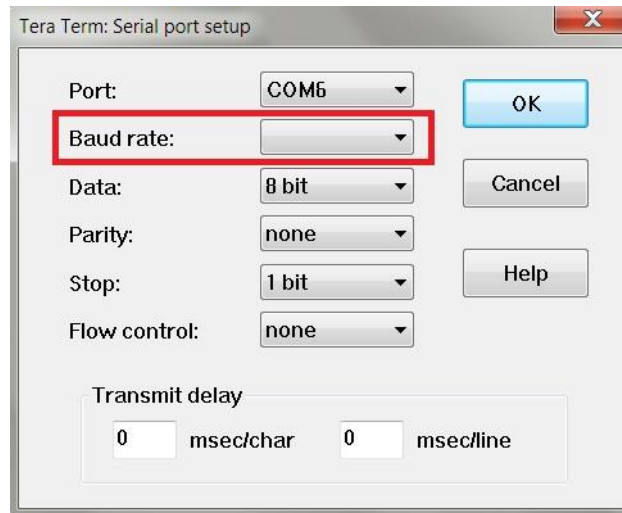
- I. Determine the COM Port name used for the RS232 communications in **Device Manager**.



2. Choose **Serial** and the corresponding COM port as the communication port. In this given example, COM6 is selected.

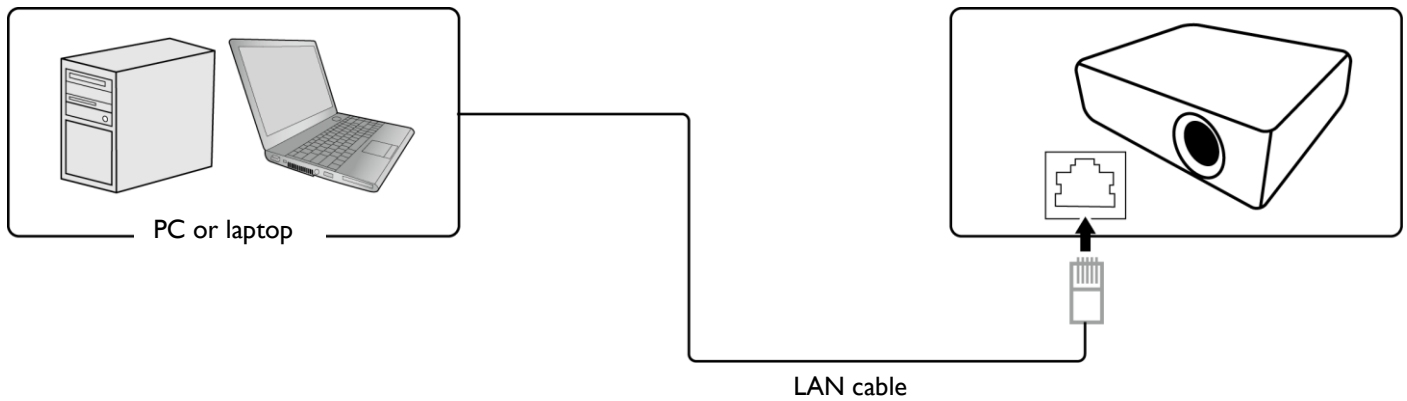


3. Finish **Serial port setup**.



Baud rate	115200 bps (default) Changeable settings in User OSD (9600/14400/19200/38400/57600/115200)
Data length	8 bit
Parity check	None
Stop bit	1 bit
Flow control	None

RS232 via LAN

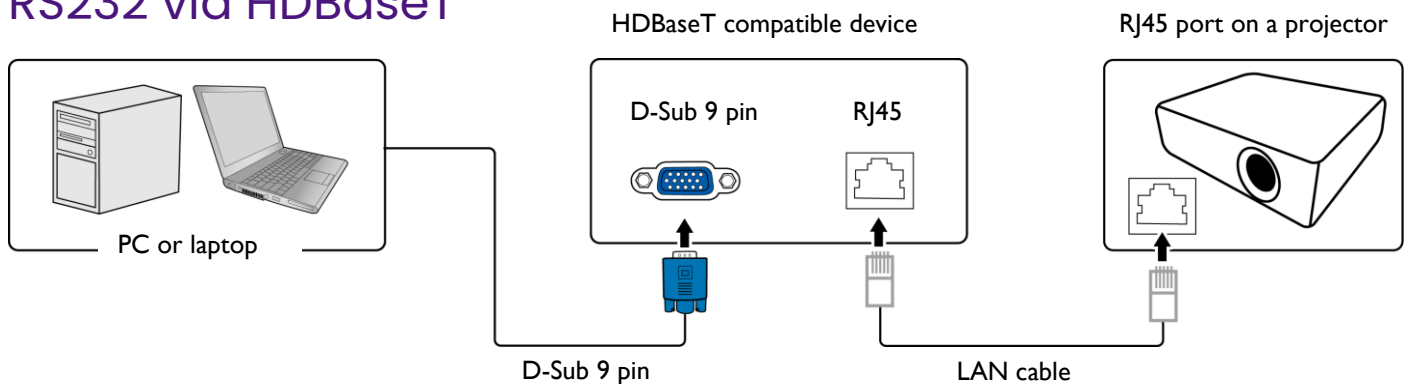


Settings

1. Find the Wired LAN IP address of the connected projector from the OSD menu and make sure the projector and the computer are within the same network.
2. Input **8000** in the **TCP port #** field.



RS232 via HDBaseT

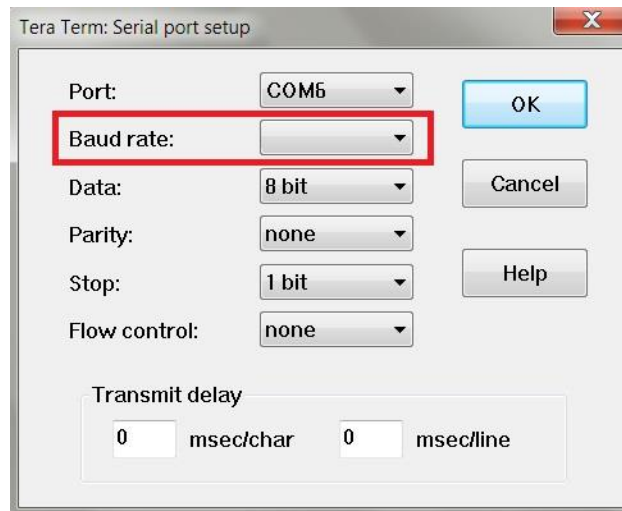


Settings

1. Determine the COM Port name used for the RS232 communications in **Device Manager**.
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3. Finish **Serial port setup**.



Baud rate	115200 bps (default) Changeable settings in User OSD (9600/14400/19200/38400/57600/115200)
Data length	8 bit
Parity check	None
Stop bit	1 bit
Flow control	None

Command table



- Available features differ by projector specification, input sources, settings, etc..
- Commands are working if the standby power is 0.5W or a supported baud rate of the projector is set.
- Uppercase, lowercase, and a mixture of both types of characters are accepted for a command.
- If a command format is illegal, it will echo **Illegal format**.
- If a command with correct format is not valid for the projector model, it will echo **Unsupported item**.
- If a command with correct format cannot be executed under certain condition, it will echo **Block item**.
- If RS232 control is performed via LAN, a command works whether it starts and ends with **<CR>**. All the commands and behaviors are identical with the control through a serial port.

Function	Type	Operation	ASCII	Support
Power	Write	Power On	<CR>*pow=on#<CR>	Yes
	Write	Power Off	<CR>*pow=off#<CR>	Yes
	Read	Power Status	<CR>*pow=?#<CR>	Yes
Source Selection	Write	COMPUTER/YPbPr	<CR>*sour=RGB#<CR>	No
	Write	COMPUTER 2/YPbPr2	<CR>*sour=RGB2#<CR>	No
	Write	COMPUTER 3/YPbPr3	<CR>*sour=RGB3#<CR>	No
	Write	Component	<CR>*sour=ypbr#<CR>	No
	Write	Component2	<CR>*sour=ypbr2#<CR>	No
	Write	DVI-A	<CR>*sour=dviA#<CR>	No
	Write	DVI-D	<CR>*sour=dvid#<CR>	No
	Write	HDMI(MHL)	<CR>*sour=hdmi#<CR>	Yes
	Write	HDMI 2(MHL2)	<CR>*sour=hdmi2#<CR>	Yes
	Write	HDMI 3	<CR>*sour=hdmi3#<CR>	No
	Write	Composite	<CR>*sour=vid#<CR>	No
	Write	S-Video	<CR>*sour=svid#<CR>	No
	Write	Network	<CR>*sour=network#<CR>	No
	Write	USB Display	<CR>*sour=usbdisplay#<CR>	No
	Write	USB Reader	<CR>*sour=usbreader#<CR>	No
	Write	HDBaseT	<CR>*sour=hdbaset#<CR>	No
	Write	DisplayPort	<CR>*sour=dp#<CR>	No
	Write	3G-SDI	<CR>*sour=sdi#<CR>	No
	Write	Smart System	<CR>*sour=smartsystem#<CR>	Yes
	Write	Wireless Display	<CR>*sour=wireless#<CR>	No
	Write	Type-C	<CR>*sour=typec#<CR>	Yes
	Read	Current source	<CR>*sour=?#<CR>	Yes

Audio Control	Write	Mute On	<CR>*mute=on#<CR>	Yes
	Write	Mute Off	<CR>*mute=off#<CR>	Yes
	Read	Mute Status	<CR>*mute=?#<CR>	Yes
	Write	Volume +	<CR>*vol=+#<CR>	Yes
	Write	Volume -	<CR>*vol=-#<CR>	Yes
	Write	Volume level for customer	<CR>*vol=value#<CR>	No
	Read	Volume Status	<CR>*vol=?#<CR>	Yes
	Write	Mic. Volume +	<CR>*micvol=+#<CR>	No
	Write	Mic. Volume -	<CR>*micvol=-#<CR>	No
	Read	Mic. Volume Status	<CR>*micvol=?#<CR>	No
Audio source select	Write	Audio pass Through off	<CR>*audiosour=off#<CR>	No
	Write	Audio-Computer1	<CR>*audiosour=RGB#<CR>	No
	Write	Audio-Computer2	<CR>*audiosour=RGB2#<CR>	No
	Write	Audio-Video/S-Video	<CR>*audiosour=vid#<CR>	No
	Write	Audio-Component	<CR>*audiosour=ypbr#<CR>	No
	Write	Audio-HDMI	<CR>*audiosour=hdmi#<CR>	No
	Write	Audio-HDMI2	<CR>*audiosour=hdmi2#<CR>	No
	Write	Audio-HDMI3	<CR>*audiosour=hdmi3#<CR>	No
	Read	Audio pass Status	<CR>*audiosour=?#<CR>	No
Picture Mode	Write	Dynamic	<CR>*appmod=dynamic#<CR>	No
	Write	Presentation	<CR>*appmod=preset#<CR>	Yes
	Write	sRGB	<CR>*appmod=srgb#<CR>	Yes
	Write	Bright	<CR>*appmod=bright#<CR>	Yes
	Write	Bright Cinema	<CR>*appmod=brightcine#<CR>	No
	Write	FILMMAKER MODE	<CR>*appmod=filmmaker#<CR>	No
	Write	FILMMAKER HDR MODE	<CR>*appmod=filmmakerhdr#<CR>	No
	Write	Living Room	<CR>*appmod=livingroom#<CR>	No
	Write	Game	<CR>*appmod=game#<CR>	No
	Write	Cinema(Rec.709)	<CR>*appmod=cine#<CR>	No
	Write	Standard/Vivid	<CR>*appmod=std#<CR>	No
	Write	Football	<CR>*appmod=football#<CR>	No
	Write	Football Bright	<CR>*appmod=footballbt#<CR>	No
	Write	Golf	<CR>*appmod=golf#<CR>	No
	Write	DICOM	<CR>*appmod=dicom#<CR>	No
	Write	DICOM-SIM	<CR>*appmod=dicom-sim#<CR>	No
	Write	THX	<CR>*appmod=thx#<CR>	No
	Write	Silence mode	<CR>*appmod=silence#<CR>	No
	Write	DCI-P3 mode(D. Cinema)	<CR>*appmod=dci-p3#<CR>	No

	Write	Vivid	<CR>*appmod=vivid#<CR>	No
	Write	Infographic	<CR>*appmod=infographic#<CR>	No
	Write	User1	<CR>*appmod=user1#<CR>	Yes
	Write	User2	<CR>*appmod=user2#<CR>	Yes
	Write	User3	<CR>*appmod=user3#<CR>	No
	Write	ISF Day	<CR>*appmod=isfdays#<CR>	No
	Write	ISF Night	<CR>*appmod=isfnight#<CR>	No
	Write	3D	<CR>*appmod=threed#<CR>	No
	Write	Sport	<CR>*appmod=sport#<CR>	No
	Write	HDR	<CR>*appmod=hdr#<CR>	No
	Write	HDR10	<CR>*appmod=hdr10#<CR>	No
	Write	HDR10+	<CR>*appmod=hdr10+#<CR>	No
	Write	HLG	<CR>*appmod=hlgr#<CR>	No
	Write	Spreadsheet	<CR>*appmod=spreadsheet#<CR>	Yes
	Write	Video	<CR>*appmod=video#<CR>	No
	Write	Bright Room	<CR>*appmod=brightroom#<CR>	No
	Write	Video Conference	<CR>*appmod=videoconference#<CR>	Yes
	Write	Blending	<CR>*appmod=blending#<CR>	No
	Write	RPG	<CR>*appmod=rpg#<CR>	No
	Write	HDR-RPG	<CR>*appmod=hdrpg#<CR>	No
	Write	HDR-RPG (WCG)	<CR>*appmod=hdrpgwgc#<CR>	No
	Write	FPS	<CR>*appmod=fps#<CR>	No
	Write	HDR-FPS	<CR>*appmod=hdrfps#<CR>	No
	Write	SPG	<CR>*appmod=spg#<CR>	No
	Write	HDR-SPG	<CR>*appmod=hdrspg#<CR>	No
	Write	RCG	<CR>*appmod=rcg#<CR>	No
	Write	HDR-RCG	<CR>*appmod=hdrrcg#<CR>	No
	Write	HDR10 (WCG)	<CR>*appmod=hdrwgc#<CR>	No
	Write	HDR-User	<CR>*appmod=hdruserl#<CR>	No
	Write	Rename Picture Mode	<CR>*appmodrename=value#<CR>	No
	Read	Picture Mode Rename	<CR>*appmodrename=?#<CR>	No
	Read	Picture Mode	<CR>*appmod=?#<CR>	Yes
Picture Setting	Write	Contrast +	<CR>*con=+#<CR>	Yes
	Write	Contrast -	<CR>*con=-#<CR>	Yes
	Write	Set Contrast value	<CR>*con=value#<CR>	Yes
	Read	Contrast value	<CR>*con=?#<CR>	Yes
	Write	Brightness +	<CR>*bri=+#<CR>	Yes

	Write	Brightness -	<CR>*bri=-#<CR>	Yes
	Write	Set Brightness value	<CR>*bri=value#<CR>	Yes
	Read	Brightness value	<CR>*bri=?#<CR>	Yes
	Write	Color +	<CR>*color=+#<CR>	No
	Write	Color -	<CR>*color=-#<CR>	No
	Write	Set Color value	<CR>*color=value#<CR>	No
	Read	Color value	<CR>*color=?#<CR>	No
	Write	Sharpness +	<CR>*sharp=+#<CR>	Yes
	Write	Sharpness -	<CR>*sharp=-#<CR>	Yes
	Write	Set Sharpness value	<CR>*sharp=value#<CR>	Yes
	Read	Sharpness value	<CR>*sharp=?#<CR>	Yes
	Write	Flesh Tone +	<CR>*fleshtone=+#<CR>	No
	Write	Flesh Tone -	<CR>*fleshtone=-#<CR>	No
	Write	Set Flesh Tone value	<CR>*fleshtone=value#<CR>	No
	Read	Flesh Tone value	<CR>*fleshtone=?#<CR>	No
	Write	Color Temperature-Warmer	<CR>*ct=warmer#<CR>	No
	Write	Color Temperature-Warm	<CR>*ct=warm#<CR>	No
	Write	Color Temperature-Normal	<CR>*ct=normal#<CR>	No
	Write	Color Temperature-Cool	<CR>*ct=cool#<CR>	No
	Write	Color Temperature-Cooler	<CR>*ct=cooler#<CR>	No
	Write	Color Temperature-lamp native	<CR>*ct=native#<CR>	No
	Read	Color Temperature Status	<CR>*ct=?#<CR>	No
	Write	Aspect 4:3	<CR>*asp=4:3#<CR>	Yes
	Write	Aspect 16:6	<CR>*asp=16:6#<CR>	No
	Write	Aspect 16:9	<CR>*asp=16:9#<CR>	Yes
	Write	Aspect 16:10	<CR>*asp=16:10#<CR>	Yes
	Write	Aspect 2.35:1	<CR>*asp=2.35#<CR>	No
	Write	Aspect 2.4:1	<CR>*asp=2.4#<CR>	No
	Write	Aspect Auto	<CR>*asp=AUTO#<CR>	Yes
	Write	Aspect Real	<CR>*asp=REAL#<CR>	No
	Write	Aspect Letterbox	<CR>*asp=LBOX#<CR>	No
	Write	Aspect Wide	<CR>*asp=WIDE#<CR>	No
	Write	Aspect Anamorphic	<CR>*asp=ANAM#<CR>	No
	Write	Aspect Anamorphic 2.35	<CR>*asp=ANAM2.35#<CR>	No
	Write	Aspect Anamorphic 16:9	<CR>*asp=ANAM16:9#<CR>	No

Read	Aspect Status	<CR>*asp=?#<CR>	No
Write	Vertical Keystone +	<CR>*vkeystone=+#<CR>	Yes
Write	Vertical Keystone -	<CR>*vkeystone=-#<CR>	Yes
Write	Vertical Keystone value Set	<CR>*vkeystone=value#<CR>	No
Read	Vertical Keystone value	<CR>*vkeystone=?#<CR>	Yes
Write	Horizontal Keystone +	<CR>*hkeystone=+#<CR>	Yes
Write	Horizontal Keystone -	<CR>*hkeystone=-#<CR>	Yes
Write	Horizontal Keystone value Set	<CR>*hkeystone=value#<CR>	No
Read	Horizontal Keystone value	<CR>*hkeystone=?#<CR>	Yes
Write	Rotate Keystone +	<CR>*rkeystone=+#<CR>	No
Write	Rotate Keystone -	<CR>*rkeystone=-#<CR>	No
Write	Rotate Keystone value Set	<CR>*rkeystone=value#<CR>	No
Read	Rotate Keystone value	<CR>*rkeystone=?#<CR>	No
Write	Overscan Adjustment +	<CR>*overscan=+#<CR>	No
Write	Overscan Adjustment -	<CR>*overscan=-#<CR>	No
Read	Overscan Adjustment value	<CR>*overscan=?#<CR>	No
Write	4 Corners Top-Left-X Decrease	<CR>*cornerfittlx=-#<CR>	Yes
Write	4 Corners Top-Left-X Increase	<CR>*cornerfittlx=+#<CR>	Yes
Read	4 Corners Top-Left-X Status	<CR>*cornerfittlx=?#<CR>	Yes
Write	4 Corners Top-Left-Y Decrease	<CR>*cornerfittly=-#<CR>	Yes
Write	4 Corners Top-Left-Y Increase	<CR>*cornerfittly=+#<CR>	Yes
Read	4 Corners Top-Left-Y Status	<CR>*cornerfittly=?#<CR>	Yes
Write	4 Corners Top-Right-X Decrease	<CR>*cornerfittrx=-#<CR>	Yes
Write	4 Corners Top-Right-X Increase	<CR>*cornerfittrx=+#<CR>	Yes
Read	4 Corners Top-Right-X Status	<CR>*cornerfittrx=?#<CR>	Yes
Write	4 Corners Top-Right-Y Decrease	<CR>*cornerfity=-#<CR>	Yes

	Write	4 Corners Top-Right-Y Increase	<CR>*cornerfittry=+#<CR>	Yes
	Read	4 Corners Top-Right-Y Status	<CR>*cornerfittry=?#<CR>	Yes
	Write	4 Corners Bottom-Left-X Decrease	<CR>*cornerfitblx=-#<CR>	Yes
	Write	4 Corners Bottom-Left-X Increase	<CR>*cornerfitblx=+#<CR>	Yes
	Read	4 Corners Bottom-Left-X Status	<CR>*cornerfitblx=?#<CR>	Yes
	Write	4 Corners Bottom-Left-Y Decrease	<CR>*cornerfitbly=-#<CR>	Yes
	Write	4 Corners Bottom-Left-Y Increase	<CR>*cornerfitbly=+#<CR>	Yes
	Read	4 Corners Bottom-Left-Y Status	<CR>*cornerfitbly=?#<CR>	Yes
	Write	4 Corners Bottom-Right-X Decrease	<CR>*cornerfitbrx=-#<CR>	Yes
	Write	4 Corners Bottom-Right-X Increase	<CR>*cornerfitbrx=+#<CR>	Yes
	Read	4 Corners Bottom-Right-X Status	<CR>*cornerfitbrx=?#<CR>	Yes
	Write	4 Corners Bottom-Right-Y Decrease	<CR>*cornerfitbry=-#<CR>	Yes
	Write	4 Corners Bottom-Right-Y Increase	<CR>*cornerfitbry=+#<CR>	Yes
	Read	4 Corners Bottom-Right-Y Status	<CR>*cornerfitbry=?#<CR>	Yes
	Write	Digital Zoom In	<CR>*zoomI#<CR>	No
	Write	Digital Zoom out	<CR>*zoomO#<CR>	No
	Write	Auto	<CR>*auto#<CR>	No
	Write	Brilliant color on	<CR>*BC=on#<CR>	No
	Write	Brilliant color off	<CR>*BC=off#<CR>	No
	Read	Brilliant color status	<CR>*BC=?#<CR>	No
	Write	Auto(HDR)	<CR>*hdr=auto#<CR>	No
	Write	SDR	<CR>*hdr=sdr#<CR>	No
	Write	HDR10	<CR>*hdr=hdr#<CR>	No
	Write	HLG	<CR>*hdr=hlg#<CR>	No

	Read	HDR status	<CR>*hdr=?#<CR>	No
	Write	Reset current picture settings	<CR>*rstcurpicsetting#<CR>	No
	Write	Reset all picture settings	<CR>*rstallpicsetting#<CR>	No
Operation Settings	Write	Projector Position-Front Table	<CR>*pp=FT#<CR>	Yes
	Write	Projector Position-Rear Table	<CR>*pp=RE#<CR>	Yes
	Write	Projector Position-Rear Ceiling	<CR>*pp=RC#<CR>	Yes
	Write	Projector Position-Front Ceiling	<CR>*pp=FC#<CR>	Yes
	Read	Projector Position Status	<CR>*pp=?#<CR>	Yes
	Write	Quick cooling on	<CR>*qcool=on<CR>	No
	Write	Quick cooling off	<CR>*qcool=off<CR>	No
	Read	Quick cooling status	<CR>*qcool=?<CR>	No
	Write	Quick auto search	<CR>*QAS=on#<CR>	No
	Write	Quick auto search	<CR>*QAS=off#<CR>	No
	Read	Quick auto search status	<CR>*QAS=?#<CR>	No
	Write	Menu Position - Center	<CR>*menuposition=center#<CR>	Yes
	Write	Menu Position - Top-Left	<CR>*menuposition=tl#<CR>	Yes
	Write	Menu Position - Top-Right	<CR>*menuposition=tr#<CR>	Yes
	Write	Menu Position - Bottom-Right	<CR>*menuposition=br#<CR>	Yes
	Write	Menu Position - Bottom-Left	<CR>*menuposition=bl#<CR>	Yes
	Read	Menu Position Status	<CR>*menuposition=?#<CR>	Yes
	Write	Direct Power On-on	<CR>*directpower=on#<CR>	Yes
	Write	Direct Power On-off	<CR>*directpower=off#<CR>	Yes
	Read	Direct Power On-Status	<CR>*directpower=?#<CR>	Yes
	Write	Signal Power On-on	<CR>*autopower=on#<CR>	No
	Write	Signal Power On-off	<CR>*autopower=off#<CR>	No
	Read	Signal Power On-Status	<CR>*autopower=?#<CR>	No
	Write	Standby Settings-Network on	<CR>*standbynet=on#<CR>	No
	Write	Standby Settings-Network off	<CR>*standbynet=off#<CR>	No
	Read	Standby Settings-Network	<CR>*standbynet=?#<CR>	No

		Status		
	Write	Standby Settings-Microphone on	<CR>*standbymic=on#<CR>	No
	Write	Standby Settings-Microphone off	<CR>*standbymic=off#<CR>	No
	Read	Standby Settings-Microphone Status	<CR>*standbymic=?#<CR>	No
	Write	Standby Settings-Monitor Out on	<CR>*standbymnt=on#<CR>	No
	Write	Standby Settings-Monitor Out off	<CR>*standbymnt=off#<CR>	No
	Read	Standby Settings-Monitor Out Status	<CR>*standbymnt=?#<CR>	No
Baud Rate	Write	2400	<CR>*baud=2400#<CR>	No
	Write	4800	<CR>*baud=4800#<CR>	No
	Write	9600	<CR>*baud=9600#<CR>	No
	Write	14400	<CR>*baud=14400#<CR>	No
	Write	19200	<CR>*baud=19200#<CR>	No
	Write	38400	<CR>*baud=38400#<CR>	No
	Write	57600	<CR>*baud=57600#<CR>	No
	Write	115200	<CR>*baud=115200#<CR>	No
	Read	Current Baud Rate	<CR>*baud=?#<CR>	No
Lamp Control	Read	Lamp	<CR>*ltim=?#<CR>	No
	Read	Lamp2 Hour	<CR>*ltim2=?#<CR>	No
	Write	Normal mode	<CR>*lampm=lnor#<CR>	Yes
	Write	Eco mode	<CR>*lampm=eco#<CR>	Yes
	Write	SmartEco mode	<CR>*lampm=seco#<CR>	Yes
	Write	SmartEco mode 2	<CR>*lampm=seco2#<CR>	Yes
	Write	SmartEco mode 3	<CR>*lampm=seco3#<CR>	No
	Write	Dimming mode	<CR>*lampm=dimming#<CR>	No
	Write	LampSave mode	<CR>*lampm=lampsave#<CR>	No
	Write	Custom mode	<CR>*lampm=custom#<CR>	Yes
	Write	Light level for custom mode	<CR>*lampcustom=value#<CR>	Yes
	Read	Light level status for custom mode	<CR>*lampcustom=?#<CR>	Yes
	Read	Lamp Mode Status	<CR>*lampm=?#<CR>	No

Miscellaneous	Read	Model Name	<CR>*modelname=?#<CR>	Yes
	Read	System F/W Version	<CR>*sysfwversion=?#<CR>	Yes
	Read	Scaler F/W Version	<CR>*scalerfwversion=?#<CR>	No
	Read	Format F/W version	<CR>*formatfwversion=?#<CR>	No
	Read	Lan F/W Version	<CR>*lanfwversion=?#<CR>	No
	Read	MCU F/W Version	<CR>*mcufwversion=?#<CR>	No
	Read	Ballast F/W Version	<CR>*ballastfwversion=?#<CR>	No
	Write	Blank On	<CR>*blank=on#<CR>	Yes
	Write	Blank Off	<CR>*blank=off#<CR>	Yes
	Read	Blank Status	<CR>*blank=?#<CR>	Yes
	Write	Freeze On	<CR>*freeze=on#<CR>	Yes
	Write	Freeze Off	<CR>*freeze=off#<CR>	Yes
	Read	Freeze Status	<CR>*freeze=?#<CR>	Yes
	Write	Menu On	<CR>*menu=on#<CR>	Yes
	Write	Menu Off	<CR>*menu=off#<CR>	Yes
	Read	Menu Status	<CR>*menu=?#<CR>	Yes
	Write	Up	<CR>*up#<CR>	Yes
	Write	Down	<CR>*down#<CR>	Yes
	Write	Right	<CR>*right#<CR>	Yes
	Write	Left	<CR>*left#<CR>	Yes
	Write	Enter	<CR>*enter#<CR>	Yes
	Write	Back	<CR>*back#<CR>	Yes
	Write	Source Menu On	<CR>*sourmenu=on#<CR>	Yes
	Write	Source Menu Off	<CR>*sourmenu=off#<CR>	Yes
	Read	Source Menu Status	<CR>*sourmenu=?#<CR>	Yes
	Write	3D Sync Off	<CR>*3d=off#<CR>	Yes
	Write	3D Auto	<CR>*3d=auto#<CR>	Yes
	Write	3D Sync Top Bottom	<CR>*3d=tb#<CR>	Yes
	Write	3D Sync Frame Sequential	<CR>*3d=fs#<CR>	Yes
	Write	3D Frame packing	<CR>*3d=fp#<CR>	Yes
	Write	3D Side by side	<CR>*3d=sbs#<CR>	Yes
	Write	3D inverter disable	<CR>*3d=da#<CR>	Yes
	Write	3D inverter	<CR>*3d=iv#<CR>	Yes
	Write	2D to 3D	<CR>*3d=2d3d#<CR>	No
	Write	3D nVIDIA	<CR>*3d=nvidia#<CR>	No
	Read	3D Sync Status	<CR>*3d=?#<CR>	Yes
	Write	Remote Receiver On	<CR>*rr=on#<CR>	No
	Write	Remote Receiver Off	<CR>*rr=off#<CR>	No

	Write	Remote Receiver-front+rear	<CR>*rr=fr#<CR>	No
	Write	Remote Receiver-front	<CR>*rr=f#<CR>	No
	Write	Remote Receiver-rear	<CR>*rr=r#<CR>	No
	Write	Remote Receiver-top	<CR>*rr=t#<CR>	No
	Write	Remote Receiver-top+front	<CR>*rr=tf#<CR>	No
	Write	Remote Receiver-top+rear	<CR>*rr=tr#<CR>	No
	Read	Remote Receiver Status	<CR>*rr=?#<CR>	No
	Write	Instant On-on	<CR>*ins=on#<CR>	No
	Write	Instant On-off	<CR>*ins=off#<CR>	No
	Read	Instant On Status	<CR>*ins=?#<CR>	No
	Write	Lamp Saver Mode-on	<CR>*lpsaver=on#<CR>	No
	Write	Lamp Saver Mode-off	<CR>*lpsaver=off#<CR>	No
	Read	Lamp Saver Mode Status	<CR>*lpsaver=?#<CR>	No
	Write	Projection Log In Code on	<CR>*prjlogincode=on#<CR>	No
	Write	Projection Log In Code off	<CR>*prjlogincode=off#<CR>	No
	Read	Projection Log In Code Status	<CR>*prjlogincode=?#<CR>	No
	Write	Broadcasting on	<CR>*broadcasting=on#<CR>	No
	Write	Broadcasting off	<CR>*broadcasting=off#<CR>	No
	Read	Broadcasting Status	<CR>*broadcasting=?<CR>	No
	Write	AMX Device Discovery-on	<CR>*amxdd=on#<CR>	No
	Write	AMX Device Discovery-off	<CR>*amxdd=off#<CR>	No
	Read	AMX Device Discovery Status	<CR>*amxdd=?#<CR>	No
	Read	Mac Address	<CR>*macaddr=?#<CR>	No
	Read	Serial Number	<CR>*serialnumber=?#<CR>	No
	Write	High Altitude mode on	<CR>*highaltitude=on#<CR>	Yes
	Write	High Altitude mode off	<CR>*highaltitude=off#<CR>	Yes
	Read	High Altitude mode status	<CR>*highaltitude=?#<CR>	Yes
Installation	Write	Load Lens memory 1	<CR>*lensload=m1#<CR>	No
	Write	Load Lens memory 2	<CR>*lensload=m2#<CR>	No
	Write	Load Lens memory 3	<CR>*lensload=m3#<CR>	No
	Write	Load Lens memory 4	<CR>*lensload=m4#<CR>	No
	Write	Load Lens memory 5	<CR>*lensload=m5#<CR>	No
	Write	Load Lens memory 6	<CR>*lensload=m6#<CR>	No
	Write	Load Lens memory 7	<CR>*lensload=m7#<CR>	No

	Write	Load Lens memory 8	<CR>*lensload=m8#<CR>	No
	Write	Load Lens memory 9	<CR>*lensload=m9#<CR>	No
	Write	Load Lens memory 10	<CR>*lensload=m10#<CR>	No
	Read	Read Lens memory status	<CR>*lensload=?#<CR>	No
	Write	save Lens memory 1	<CR>*lenssave=m1#<CR>	No
	Write	save Lens memory 2	<CR>*lenssave=m2#<CR>	No
	Write	save Lens memory 3	<CR>*lenssave=m3#<CR>	No
	Write	save Lens memory 4	<CR>*lenssave=m4#<CR>	No
	Write	save Lens memory 5	<CR>*lenssave=m5#<CR>	No
	Write	save Lens memory 6	<CR>*lenssave=m6#<CR>	No
	Write	save Lens memory 7	<CR>*lenssave=m7#<CR>	No
	Write	save Lens memory 8	<CR>*lenssave=m8#<CR>	No
	Write	save Lens memory 9	<CR>*lenssave=m9#<CR>	No
	Write	save Lens memory 10	<CR>*lenssave=m10#<CR>	No
	Write	Reset Lens to center	<CR>*lensreset=center#<CR>	No

Note: The above function will be varied from model to model.

FAQ Video

(1) How to use RS232 cable to do volume control and sound control on projector?

<https://youtu.be/P4F26kEv60U>

(2) How to use RS232 cable connection to power on & off projector?

<https://youtu.be/faGUvcDBmJE>

(3) How to set up RS232 cable connection?

<https://youtu.be/CYJRqyO6Klw>

(4) How to use RS232 command to request fan speed and temperature value?

<https://youtu.be/KBXEd-BCDKQ>

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