Document: Blustream RS232 Commands

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Revision: 1

RS232 Command	Description
?	Print Help Information
HELP	Print Help Information
STATUS	Print System Status And Port Status
PON	Power On, System Run On Normal State
POFF	Power Off, System Run On Power Save State
IRON/OFF	Set System IR Control On Or Off
KEYON/OFF	Set System KEY Control On Or Off
DBGON/OFF	Set Debug Mode On Or Off
BEEPON/OFF	Set Onboard Beep On Or Off
RESET	Reset System To Default Setting (Should Type “Yes” To Confirm, “No” To Discard)
MXIRxxFRyy	Remote RX:xx IR Output From Local IR in:yy xx=[00]: All Remote Rx IR Output, [01...08]: Remote Rx IR Output yy=[01...08] Local IR In
MXIRGI (+-)xx	Global All Ir In Signal Gose To Which IR Output:xx xx=[01...08]: Remote HDBT Transmitter IR Output xx=[09...16]: Local IR Output xx=[17...24]: Remote HDBT Receiver IR Output +: Add xx To Current Setting -: Remove xx From Current Setting
MXIRGO (+-)xx	Global All Ir Out Signal From Which IR Input:xx xx=[01...08]: Remote HDBT Transmitter IR Input xx=[09...16]: Local IR Input xx=[17...24]: Remote HDBT Receiver IR Input xx=[25]: Global All Ir In +: Add xx To Current Setting -: Remove xx From Current Setting
MXRSPTPON/OFF	Remote RX-TX RS-232 Port To Port Connect With Receiver When MXRS PTP ON, The Following MXRS xx TO yy Command Is Invalid
MXRSxxTOyy	Local RS-232:xx Route To Remote HDBT:yy xx=[01...08]: Local RS-232, [09]: Global RS-232 yy=[00]: Not Connect To Any RS-232 yy=[01...08]: Remote HDBT Transmitter yy=[09...16]: Remote HDBT Receiver

MXSTA	Print Matrix IR And RS-232 Connect State
AUDTXxxANAyy	**Output Audio:xx From Analog L/R:yy** **xx=[01...08]:** **yy=[01...08]:**
AUDTXxxEXTyy	**Output Audio:xx From Input Port:yy Extract** **xx=[01...08]:** **yy=[01...08]:**
AUDTXxxARCtt	**Output Audio:xx From Output Port:tt ARC** **xx=[01...08]:** **tt=[01...08]:**
AUDTXxxFOANA	**Output Audio:xx Follow Select Video Input Analog L/R** **xx=[01...08]:**
AUDTXxxFOEXT	**Output Audio:xx Follow Select Video Input Extract** **xx=[01...08]:**
AUDTXxxDLzz	**Set Output Audio:xx Delay zz ms** **xx=[00]: All Output Audio, [01...08]: Output Audio** **zz=00 ~ 500ms Delay, 50ms per Step**
AUDRXxxORG	Input Port:xx Use Orginal Receive HDMI/DVI Signal
AUDRXxxANA	Input Port:xx Embeded Analog L/R To HDMI/DVI Signal
AUDRXxxAUTO	Input Port:xx Embeded Analog L/R When DVI Signal xx==[00]: All Input Port, [01...08]: Input Port
AUDSTA	Print Input/Output Port Audio Setting State
INxxFOyy	**INPUT:xx Force Select Source:yy, Stop Auto Detect** **yy=[01]: HDMI, [02]: HDBT**
INxxAUyy	INPUT:xx Auto Detect Source, Source:yy High Priority xx=[00]: All INPUT Port, [01...08]: INPUT Port yy=[01]: HDMI, [02]: HDBT
OUTxxON/OFF	**Set OUTPUT:xx On Or Off** **xx=[00]: All INPUT Port, [01...08]: INPUT Port**
OUTxxFRyy	**Set OUTPUT:xx From INPUT:yy** **xx=[00]: All INPUT Port, [01...08]: INPUT Port** **yy=**
OUTxxEH/ET	**Set OUTPUT:xx Use HDMI/HDBT EDID** **xx=[00]: All OUTPUT Port, [01...08]: OUTPUT Port**
VOLxx	Set Main Volume: xx xx=[00-100]: Set Main Volume Value xx=[U/D]: Set Main Volume Up or Down
SUBU/D	Set SUB Volume: Up or Down
MUTEON/OFF	Set MUTE: ON or OFF
AUDxx	**Set Audio Source Input:xx** **xx=01: L/R Audio** **xx=02: ARC** **xx=03: HDMI/HDBaseT**

DSPxx	Set DSP mode:xx xx=01: NORMAL xx=02: POP xx=03: METAL xx=04: JAZZ xx=05: ROCK xx=06: CLASSIC
DLYxx	**Set Audio Delay mode:xx** **xx=01: NORMAL** **xx=02: Delay 1** **xx=03: Delay 2**
OUTHDMI/HDBT	**Set Input Port: HDMI or HDBT**
OUTSP/MX	Set OUTPUT To Splitter or Matrix Mode
OUTRESrr	**Set Scaler Output Resolution** **rr=01: 1080P@50Hz** **rr=02: 1080P@60Hz** **rr=03: 720P@60Hz** **rr=04: 720P@50Hz** **rr=05: 1280x1024@60Hz** **rr=06: 1024x768@60Hz** **rr=07: 1360x768@60Hz** **rr=08: 1440x900@60Hz** **rr=09: 1680x1050@60Hz**
AUDSCAORG	Scaler Audio Input Follow Port Selection
AUDSCAANA	Scaler Audio Input From Analog L/R Signal
AUDxx	**Set Scaler Audio Volume** **xx=[00...30]: Volume Value**
IR232 vv	Send MFP112 IR and RS232 commands to HDBaseT RX/TX/Both: vv=OFF: Disconnect With Valens vv=RRX: Remote Valens RX vv=RTX: Remote Valens TX vv=BOTH: Both Valens TX & RX
OUTBYPON/OFF	Only applicable to HDBaseT & HDMI1-4 inputs In *Splitter mod* e: When BYP is ON video is pass through without scaling When BYP is OFF video is scaled at set resolution In *Matrix mode* HDMI output (out1) is pass-through without scaling. Bypass command is only applicable to HDBaseT out when in this mode
OUTFREQmm	Set Output Frequence Mode (when resolution is 720p or 1080p): mm=AUTO: Output freq auto matches Input freq mm=FORCE: Set Output freq manually (using previous RES rr Select command)
AUDHDMIyyORG	**Select between HDMI audio or associated L/R analogue audio.** **AUDHDMIyyORG sets to original HDMI audio** **yy=[01...04]**
AUDHDMIyyANA	**Select between HDMI audio or associated L/R analogue audio.** **AUDHDMIyyANA sets audio to associated embedded L/R analogue audio** **yy= [01...04]**

AUDHDMIyyAUTO	**Select between HDMI audio or associated L/R analogue audio. AUDHDMIyyAUTO sets audio to embedded L/R analogue audio when DVI video or HDMI audio when HDMI.** **yy=[01...04]**
EDIDxxCPyy	Copy EDID from output (yy) to input (xx) Both yy & xx can be set individually (01-08) or as ALL (00)
EDIDxxDFzz	Set Input:xx EDID To Default EDID:zz xx=00: Select All INPUT Port xx=[01...04]: Select One INPUT Port zz=00: HDMI 1080p@60Hz, Audio 2CH PCM zz=01: HDMI 1080p@60Hz, Audio 5.1CH PCM/DTS/DOLBY zz=02: HDMI 1080p@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD zz=03: HDMI 1080i@60Hz, Audio 2CH PCM zz=04: HDMI 1080i@60Hz, Audio 5.1CH PCM/DTS/DOLBY zz=05: HDMI 1080i@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD zz=06: HDMI 1080p@60Hz/3D, Audio 2CH PCM zz=07: HDMI 1080p@60Hz/3D, Audio 5.1CH PCM/DTS/DOLBY zz=08: HDMI 1080p@60Hz/3D, Audio 7.1CH PCM/DTS/DOLBY/HD zz=09: HDMI 4K2K, Audio 2CH PCM zz=10: HDMI 4K2K, Audio 5.1CH PCM/DTS/DOLBY zz=11: HDMI 4K2K, Audio 7.1CH PCM/DTS/DOLBY/HD zz=12: DVI 1280x1024@60Hz, Audio None zz=13: DVI 1920x1080@60Hz, Audio None zz=14: DVI 1920x1200@60Hz, Audio None
VGASELECT	Select VGA input
HDMISELECT	Select HDMI input
GETSELECT	Get status of current select input. Return message will be HDMI port or VGA port
ENSIGDET	Enable signal detect (auto switching)
DISSIGDET	Disable signal detect (manual switching)
RESETDEF	Restore factory settings

Platinum Matrix products (PLA88ARC etc)	HMXL88	HMXL44-KIT	MX88ED	MX44AB	MX42AB	RX70AMP	MFP72
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x	x	x	x	x	x	x	x
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x	x	x	x	x	x		x
x	x	x	x	x	x		x
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