

Control commands for the SVM 4x4 and 8x8 HDMI Matrix Switcher



TCP/IP/RS232 control details and commands:

The default IP is 192.168.10.205, Port number: 4001

The default RS232 baud rate is 115200, 8, 1, none

Function	Command Format	Function	Remark
Video Switch	AT+HTO2A=MX88,IN\$ e.g. AT+HTO2A=MX88,1\$	One switch to all output channel	+RSPHTO2A=MX88,IN\$
	AT+HTO2M=MX88,IN,O1,O2...ON\$ e.g. AT+HTO2M=MX88,1,5,6,7,8\$	One switch to many output Channel	+RSPHTO2M=MX88,IN,O1,O2...ON\$
Output Setup	AT+HTSETAUtores=MX88,Mode,On\$ Mode 1:Auto 0:Manual On:output channel number(1-8)	Set output resolution mode	+RSPSETAUtores=MX88,Mode\$
	AT+HTSETOUTRES=MX88,Res,O1,O2,On,...\$ On:output channel number(1-8)	Set output resolution	+RSPHTSETOUTRES=MX88,Res\$
	AT+HTTVBLACK=MX88,mod,O1,O2,...On\$ On:output channel number(1-8) mod:set TV black (0-1) 0:no black 1:black	Set TV black	
	AT+HTTVSET=MX88,On,mod\$ On:output channel number(1-8) mod:set TV mute or unmute(1-2) 1:mute 2:unmute	set TV MUTE	
	AT+HTOUTMOD=MX88,Mode,On\$ Mode 1: HDMI 2: DVI On:output channel number(1-8)	Set output mode(DVI or HDMI)	+RSPHTOUTMOD=MX88,Mode\$
EDID Setup	AT+HTEDIDH=MX88,In,On\$ In: input channel number(1-8) On:output channel number(1-8)	Switch corresponding output's EDID to input	+RSPHTEDIDH=MX88,In,On\$

	<p>AT+HTEDIDINT=MX88,INTn,In\$</p> <p>In: input chnnel number(1-8)</p> <p>INTn: one certain internal EDID number. (2-5)</p>	<p>Switch one Internal EDID to certain input's EDID</p>	<p>+RSPHTEDIDINT=MX88,In,INTn\$</p>
	<p>AT+HTEDIDINFOSET=MX88,CHn,ResID,ColorSpace,ColorDepth,AudioCh\$</p> <p>CHn: the input Card's channel number;</p> <p>ResIDn: Resolution ID, ResIDn(1--3);1:720P@60,2:1080P@60,3:4k@30</p> <p>ColorSpaceN: color space id, ColorSpaceN(1--2);1:RGB,2:YUV</p> <p>ColorDepthN: color depth id;ColorDepthN(1--4);1:8bit,2:10bit,3:12bit,4:16bit</p> <p>AudioChN:Audio ID,AudioChN(1--3);1:2Ch,2:6Ch,3:8Ch</p>	<p>Set one input card's certain channel's edid information</p>	<p>+RSPHTEDIDINFOSET=MX88,CHn\$</p>
	<p>AT+HTEDIDUPLD=MX88,In\$</p> <p>In, (1--8);</p> <p>When received this command, delay 100ms, send the EDID data.</p>	<p>Upload EDID from WebPage</p>	<p>+RSPHTEDIDUPLD=MX88,In\$</p>
Scene Setup	<p>AT+HTSCESA=MX88,N\$</p>	<p>scene save</p>	<p>+RSPHTSCESA=MX88,N\$</p>
	<p>AT+HTSCERC=MX88,N\$</p>	<p>scene recall</p>	<p>+RSPHTSCERC=MX88,N\$</p>
System Setup	<p>AT+HTFACT=MX88\$</p> <p>When No Cn parameter, factory set main control board and GUI model.</p>	<p>Factory setup</p>	<p>+RSPHTFACT=MX88\$</p> <p>No Cn parameter, if using to factory set main control board and GUI model</p>
	<p>AT+HTUILOCK=MX88,Val\$</p> <p>Val: 1, locked; 2, Unlocked;</p>	<p>GUI Lock</p>	<p>+RSPHTUILOCK=MX88,Val\$</p>
	<p>AT+HTUARTCFG=MX88,Baud,Databits,Stopbits,Parity\$</p> <p>Baud: 0, 9600; 1, 19200; 2, 38400;3, 57600; 3, 115200;</p> <p>Databits: 0, 8bits; 1, 9bits;</p> <p>Stopbits: 0, 1stopbit; 1, 2stopbits;</p> <p>Parity: 0, none; 1, ODD; 2, even;</p>	<p>UART configure</p>	
Audio Setup	<p>AT+HTAUDSET=MX88,On,Mode\$</p> <p>Mode:Enable(1)/Disable(2)</p> <p>On:output channel number(1-8)</p>	<p>Set input card's Audio</p>	<p>AT+HTAUDSET=MX88,Val\$</p>
Video wall	<p>AT+HTVIDJNTSA=MX88,N\$</p> <p>N=1~5</p>	<p>scene save</p>	<p>+RSPHTVIDJNTSA=MX88,N\$</p>
	<p>AT+HTVDWALLRC=MX88,N\$</p> <p>N=1~5</p>	<p>scene recall</p>	

Video Border	AT+HTBEZEL=MX16,N1,N2,N3\$ N= width ,height , out	Video Border	+RSPHTBEZEL=MX16,N1,N2,N3\$ //width,height,out
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