

# SMS88-18G

8x8 Seamless Switching Matrix 4k60 HDMI 2.0 18G with Scaling and Video Wall Mode



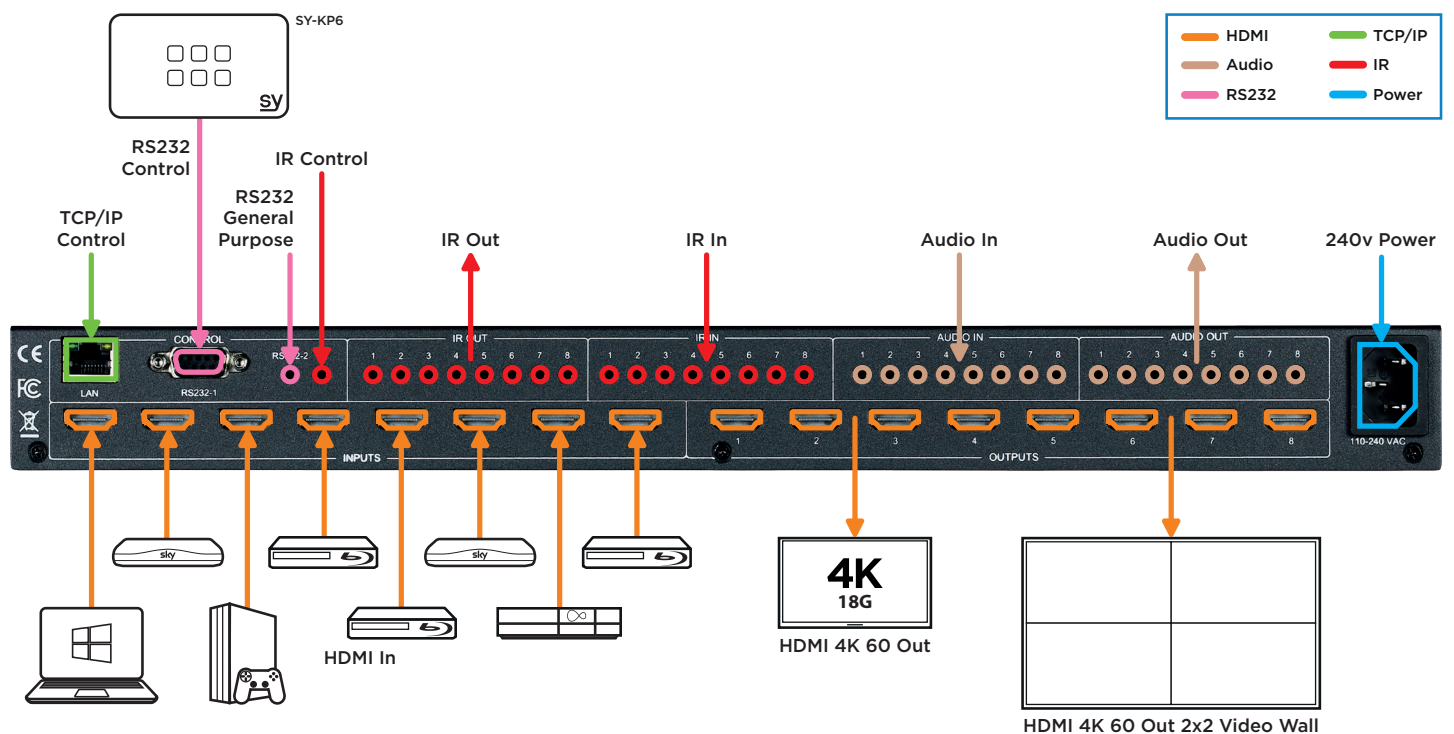
## SMS88-18G

The SY-SMS88-18G is a high-performance HDMI 2.0 seamless switching matrix with scaling. Capable of handling HDMI signals up to 4K60 4:4:4 (18Gbps) with HDCP 2.2 control and HDR compatibility. Providing 8 independent HDMI I/O's, this powerful unit can be used as an 8x8 matrix or create a video wall using any of the 8 HDMI outputs. Seamless switching across all HDMI inputs, along with full 4K scaling per output (includes refresh rate). This matrix supports 8x external audio embedding/de-embedding facility via L/R audio jacks. Control via Front Panel, RS232, Lan with built-in Web GUI and PC Software. 8x8 IR matrix and extensive EDID management, all in an easy to install 19" 1U rackmount unit, making it suitable for a wide variety of applications across all the residential, commercial and hospitality sectors.

## FEATURES

- Supports HDMI 2.0 up to 4K60 4:4:4 - 18Gbps
- Supports all HDCP up to version 2.2
- Seamless switching across all HDMI inputs
- Full resolution and refresh rate scaling
- Audio embedding for each input - L+R only
- Audio de-embedding of each output - L+R only
- Independent IR matrix
- Extensive EDID management for each input
- Controllable from front panel, RS232 or TCP/IP
- 19in 1U rack mounting

## CONNECTIVITY ILLUSTRATION



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## SPECIFICATIONS

<b>PART NUMBER</b>	SY-SMS88-18G	
<b>VIDEO RESOLUTIONS/FORMATS</b>	All HDMI resolutions to 4096x2160p 60Hz 4:4:4	
<b>BANDWIDTH</b>	18Gbps	
<b>HDCP</b>	Compatible with all versions up to 2.2	
<b>HDMI</b>	HDMI 2.0	
<b>INPUTS</b>	<b>Video</b> 8x HDMI type A 2.0	<b>Audio</b> 8x 3.5mm TRS L+R
<b>OUTPUTS</b>	<b>Video</b> 8x HDMI type A 2.0	<b>Audio</b> 8x 3.5mm TRS L+R
<b>CONTROL</b>	Front panel IR RS232 LAN	
<b>POWER SUPPLY</b>	110-240V AC	
<b>POWER CONSUMPTION</b>	100W Max.	
<b>WEIGHT AND DIMENSIONS</b>	<b>Weight (net)</b> 5kg	<b>Size (WHD)</b> 430 x 44 x 300mm (Without rack mounted ears and other connectors)
<b>WHAT'S IN THE BOX</b>	1x SMS88-18G 2x Rack mounting brackets (already fitted) 1x AC Power cord 1x SMS88-18G User manual	

SY-SMS88-18G Data Sheet 01.2. Details subject to change with no prior notice. ©SY Electronics 2020