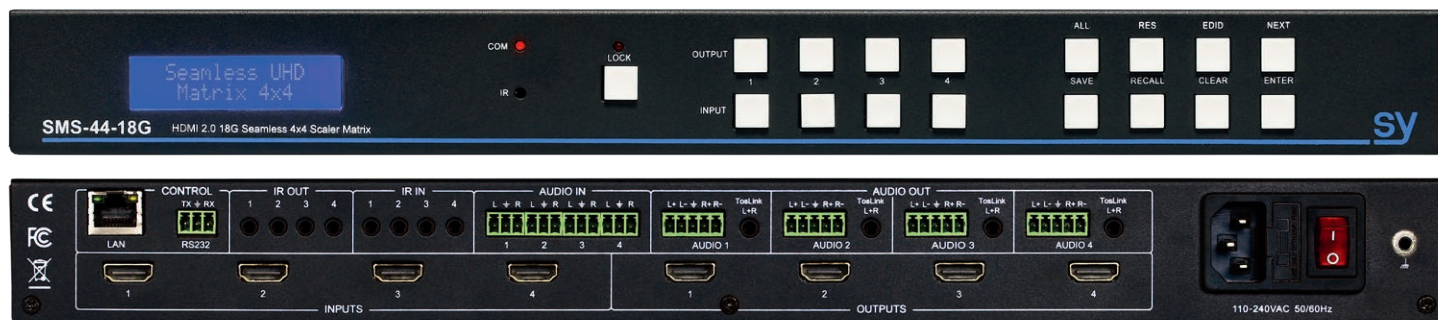


SMS-44-18G

4x4 18G Seamless Switching Matrix with Scaling and Video Wall Mode



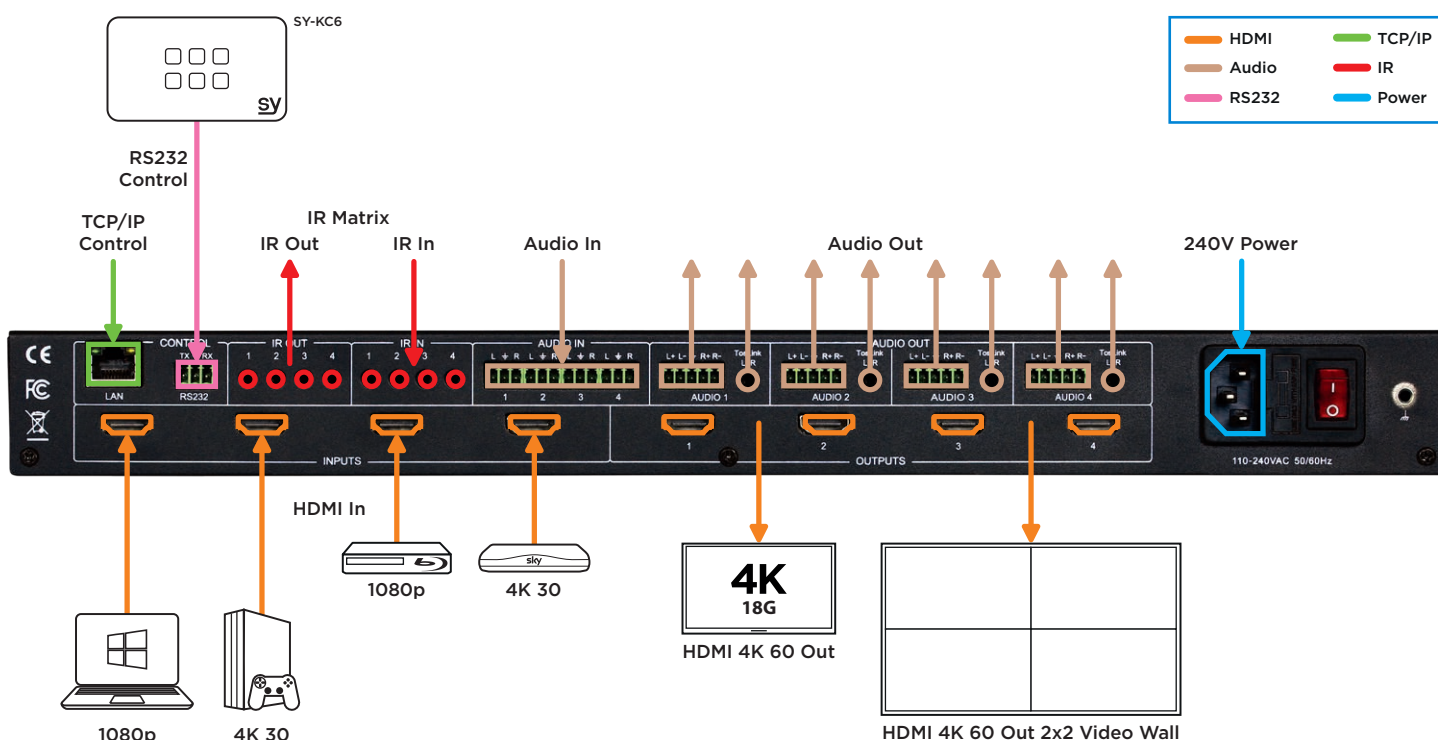
SMS-44-18G

SMS44-18G Video Matrix with Seamless Switching of 4x HDMI Inputs sources to 4x HDMI Outputs. Operating at 18G bandwidth this powerful Matrix is compatible with HDMI 2.0, HDCP 2.2, HDR and will handle all resolutions formats to 4K 60Hz 4:4:4. Thereby it is ideal for Moving images as well as Clear Text content. The built in 'Video Wall Processor' enables a video wall to be made from any of its input sources, and in any configuration that you need. Benefitting from totally independent input and output Resolution & Refresh Rate Scaling (up to 4K60). Thus ensuring that all sources will reach all connected Displays with optimum picture quality and at the highest resolution possible. With instant switching speeds, HDCP control and HDR compatibility, this device will deliver your content smoothly and cleanly. It may be used in both a Matrix and Video Wall mode simultaneously giving maximum flexibility. A Front Panel Lock for each input or output protects your current configuration. The built-in 'Test Pattern Generator' delivers patterns in a choice of colours including Red, Green, Blue, Black, White, and Checkerboard patterns at various Refresh Rates and Resolutions. The de-embedded audio outputs can select audio taken from any of the audio inputs or HDMI inputs. A Full IR Matrix is included for control of the source and display devices. SMS-44-18G can be controlled from the Front Panel, RS232, and LAN.

FEATURES

- 4x4 HDMI 2.0 (18G) Seamless Scaler Matrix
- Supports all resolutions up to 4K60 4:4:4 (18G)
- Seamless switching
- Full scaler per output - Resolution Scaling & Refresh Rate Scaling
- Flexible Video-Wall capability
- Test Pattern generator per output
- 4x L/R audio embed
- 4x Stereo/Toslink & Balanced Stereo De-embed
- 4x4 IR Matrix
- Extensive EDID and HDCP Management
- Control: Front Panel, RS232, LAN

CONNECTIVITY ILLUSTRATION



SMS-44-18G

4x4 18G Seamless Switching Matrix with Scaling and Video Wall Mode



SPECIFICATIONS

PART NUMBER	SY-SMS-44-18G	
VIDEO RESOLUTIONS/FORMATS	All HDMI resolutions to 4096x2160p 60Hz 4:4:4	
BANDWIDTH	18Gbps	
HDCP	Compatible with all versions up to 2.2	
HDMI	HDMI 2.0	
INPUTS	Video 4x HDMI 2.0	Audio 4x L+R audio in via phoenix terminals
OUTPUTS	Video 4x HDMI 2.0	Audio 4x combined L+R and Toslink digital audio outputs 4x balanced audio outputs via phoenix terminals
AUDIO FORMATS SUPPORTED	2.0/5.1/7.1 channel LPCM, Dolby, AC3, DTS	
CONTROL	Front panel RS232 LAN	
POWER SUPPLY	110-240V AC	
POWER CONSUMPTION	45W Max.	
WEIGHT AND DIMENSIONS	Weight (net) 3.3kg	Size (WHD) 437 x 44 x 222mm (19in 1U) (Without rack mounted ears and other connectors)
WHAT'S IN THE BOX	1x SMS-44-18G 2x Rack mounting brackets (already fitted) 1x AC Power cord 1x User manual	

SY-SMS-44-18G Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2023