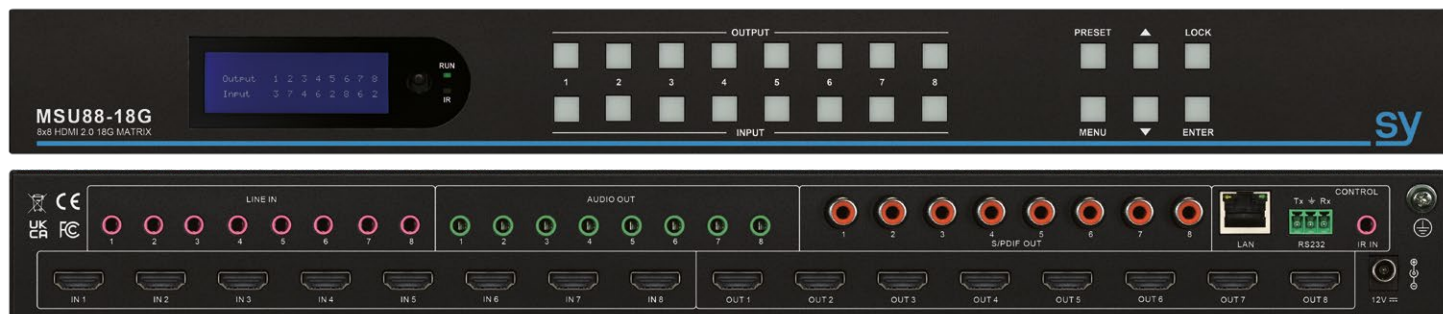




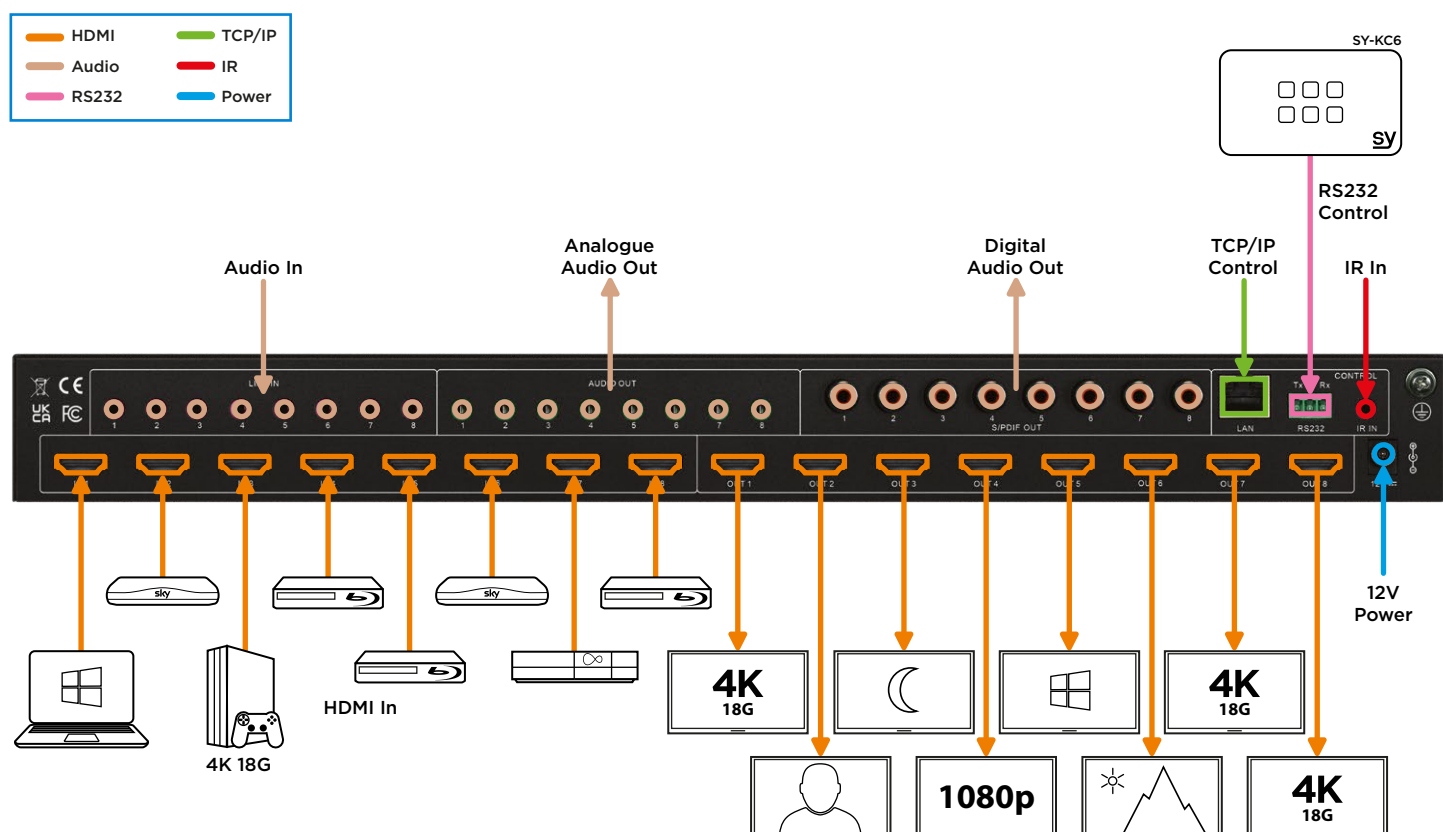
MSU88-18G

This 8x8 18Gbps HDMI Matrix Switcher is HDMI 2.0 compliant with both analogue and digital audio de-embedding per output. Additionally all inputs can have embed external audio via 3.5mm TRS Jacks. Each HDMI output can independently downscale 4K to 1080p automatically, ensuring that each display is optimised to it's highest resolution. With additional setup features, including a test pattern generator, allowing for easy test/signal verification without the need for a source. Signal management includes full EDID and HDCP control for a pixel perfect picture. This compact matrix provides a complete solution that meets the installer's needs as well as the end user's requirements.

FEATURES

- 8x8 HDMI 2.0 (18G) Matrix
- 4K60 4:4:4 (18Gbps)
- Auto-scaling 4K to 2K per output
- Up to HDCP 2.2 compliant
- Supports HDR10, HLG, & Dolby Vision
- Extensive EDID & HDCP management
- 8x Analogue + 8x digital coax de-embedded audio outputs
- 8x Analogue embedded audio inputs
- Save/recall pre-sets
- Test Pattern Generator - (Various resolutions and colours)
- Control from front panel, RS232, LAN & IR
- Web browser GUI

CONNECTIVITY ILLUSTRATION



SPECIFICATIONS

PART NUMBER	SY-MSU88-18G	
VIDEO RESOLUTIONS/FORMATS	All resolutions to: 4096x2160p @60Hz 4:4:4 8bit (18G) All PC resolutions to 1920x1200	
BANDWIDTH	18Gbps	
HDCP	Compatible with all versions up to 2.2	
INPUTS	Video 8x HDMI type A	Audio 8x Analogue L+R
OUTPUTS	Video 8x HDMI type A	Audio 8x Digital S/PDIF 8x Analogue L+R
CONTROL	IR RS232 TCP/IP Front panel	
POWER SUPPLY	12V 3A DC	
POWER CONSUMPTION	28W Max.	
OPERATING TEMPERATURE	0-40°C	
OPERATING HUMIDITY	10 - 90% RH (NON-CONDENSING)	
WEIGHT AND DIMENSIONS	Weight (net) 2.8kg	Size (WHD) 438 x 44 x 220mm (1U High)
WHAT'S IN THE BOX	1x SY-MSU88-18G 1x 12V 2A DC PSU with UK and EU adapters 1x IR remote control 5x 3-way pluggable terminal connectors for RS232 and analogue audio outputs 1x Mini CD for Control Software and Manual	

REGULATORY COMPLIANCE



SY-MSU88-18G Data Sheet 02. Details subject to change with no prior notice. ©SY Electronics 2025