MS42-18G
4x2 HDMI 2.0 18G Matrix Switcher
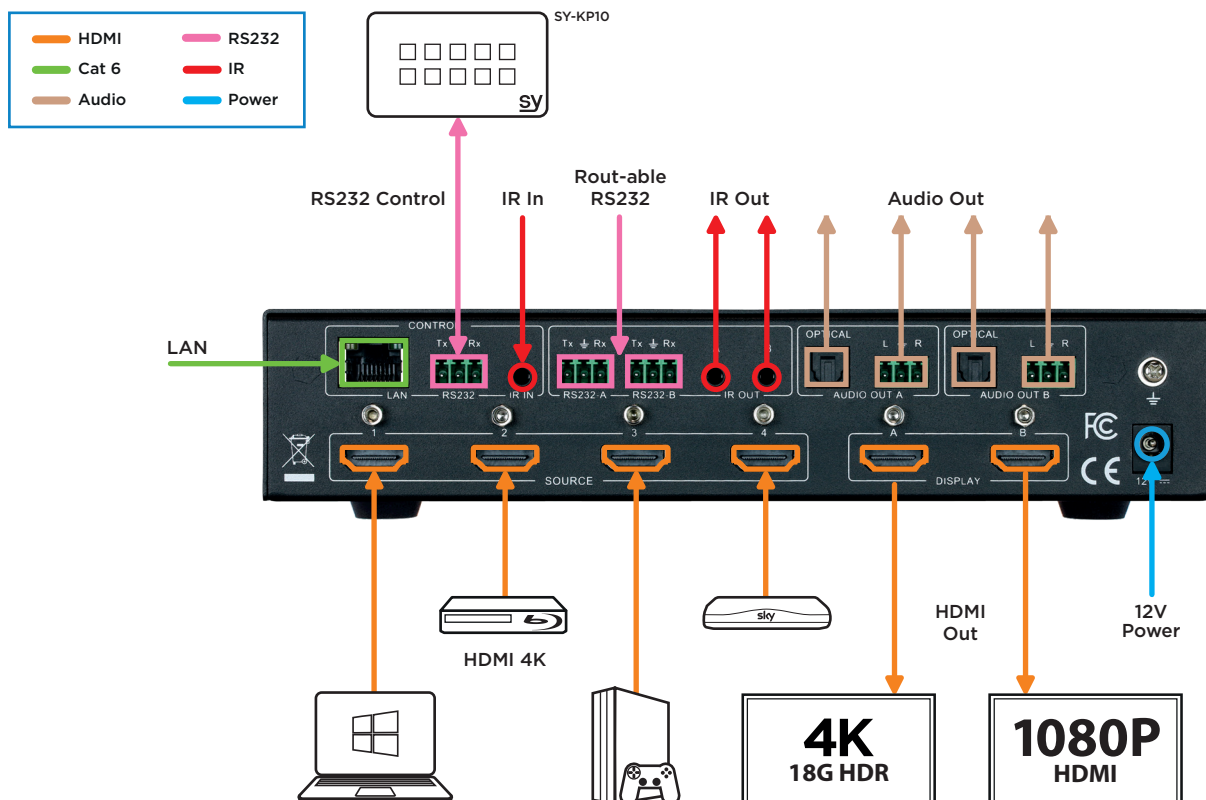
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MS42-18G

The SY-MS42-18G is an 18G HDMI Video Matrix Switcher with 4 HDMI Inputs and 2 Independent Down Scaling HDMI Outputs. Each input and output supports up to 18Gbps 4K60 4:4:4 HDMI. The outputs can be individually scaled down to 1080p or for HDBaseT compatibility. De-embedded audio as analogue stereo and optical TosLink is available for both outputs. The SY-MS42-18G has a built in RS232 Events Controller and can automatically control the display device using RS232, CEC or IR whenever the last input signal is lost, and when the first video input is detected. This matrix switcher can be controlled from the front panel, RS232, IR, or LAN via a Web GUI.

FEATURES

- Four 18G HDMI 2.0 video inputs supporting up to 4K60 444 resolution
- Two 18G HDMI 2.0 video outputs supporting up to 4K60 444 resolution
- Both outputs can be individually down scaled for 4K, 1080p or HDBaseT mode
- Four methods of control: Front panel, RS232, LAN and IR
- Automatic RS232, CEC and IR control of the display device power state

- Both Analogue and TosLink de-embedded audio outputs, for each of the HDMI outputs
- ARC decoding to the TosLink and Analogue audio outputs
- Test Pattern generator for testing output signal integrity to the display
- Built-in WebGUI for LAN control
- 12V 1A DC
- Auto Switching for either output selectively
- Routable RS232

CONNECTIVITY ILLUSTRATION

SPECIFICATIONS

PART NUMBER	SY-MS42-18G	
VIDEO RESOLUTIONS/FORMATS	4K2K 50/60Hz 4:4:4 4K2K 50/60Hz 4:2:0 4K2K 30Hz 4:4:4 1080p, 1080i 720p, 720i, 480p, 480i All HDMI 3D TV formats All PC resolutions including 1920 x 1200	
AUDIO FORMATS	PCM2.0 Dolby Digital Dolby Digital Plus DTS	
HDCP	Compatible with all versions up to 2.2	
HDMI	HDMI 2.0	
INPUTS	**Video** 4x HDMI 2.0	
OUTPUTS	**Video** 2x HDMI 2.0	**Audio** 2x Stereo audio from three-terminal pluggable block 2x TosLink optical output
CONTROL	Push Button/ Auto switching RS232 LAN IR	
POWER SUPPLY	12V DC 1A 2.1mm Screw locking connector	
POWER CONSUMPTION	4.3W max	
WEIGHT AND DIMENSIONS	**Weight (net)** 1.05kg	**Size (WHD)** 218 x 43 x 140mm
WHAT'S IN THE BOX	1x MS42-18G 2x Rack mounting ears 2x Wall mounting ears 1x IR Remote 1x 20-60 kHz IR receiver 2x Wired IR emitters 5x 3-pin pluggable terminal connectors 1x 12V 1A locking power adapter 1x User manual	