

MS51U-18G

5x1 Seamless 4K60 Presentation Switcher, With 3x HDMI & 2x USB-C Inputs



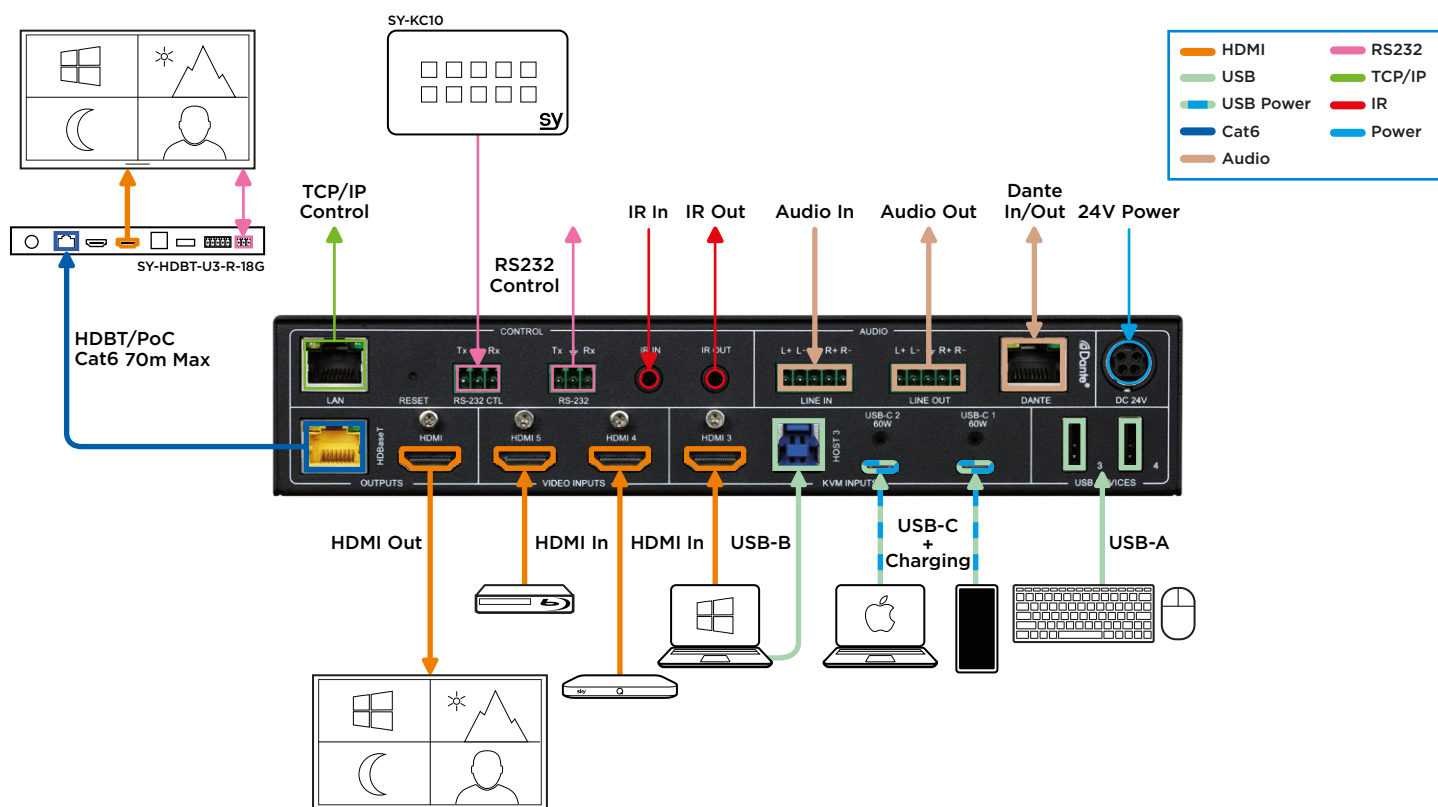
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A 4K60 5-Input Seamless Presentation Switcher with KVM, USB-C, and Dante® Audio. This advanced 5-input seamless switcher supports full 4K60 4:4:4 (18G) video and features mirrored HDMI and HDBaseT outputs for flexible display options. It offers versatile multi-view modes including dual, triple, quad, and programmable PiP. Equipped with two USB-C inputs and three HDMI inputs (one with USB for KVM), the switcher delivers full KVM functionality. Audio integration includes balanced analogue stereo I/O and Dante® audio support, while the USB-C ports provide up to 60W charging power each, making it ideal for modern BYOD environments.

FEATURES

- 5x1 seamless KVM switcher
- Multi-view display - Dual, Triple, Quad, PiP
- HDMI 2.0 4K60 18Gbps
- Input: 2x USB-C, 3x HDMI
- Output: HDMI, mirrored HDBT
- 1x USB-3.0 host, 2x USB-2.0
- Ethernet over USB-C
- USB-C 60W charging
- Hot key switching
- Dante audio (input and output)
- Audio embed and de-embed
- Control: TCP/IP and web GUI, RS232, IR, front panel, CEC

CONNECTIVITY ILLUSTRATION



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SPECIFICATIONS

PART NUMBER	SY-MS51U-18G		
VIDEO RESOLUTIONS/FORMATS	VESA and SMPTE 480p to 2160p All HDMI resolutions up to 3840x2160p @ 60Hz 4:4:4 (18Gbps)		
BANDWIDTH	18Gbps		
HDCP	Compatible with all versions up to 2.2		
HDBT	HDBaseT 3.0		
HDMI INPUT	HDMI 2.0		
USB Specification	USB 3.0/USB 2.0		
USB Data Rate	Local USB 3.0 devices up to 5Gbps Local USB 2.0 devices up to 480Mbps USB over HDBT up to 350Mbps		
USB Mode	USB 3.0/2.0 Hub and USB 2.0 passthrough		
USB Charging	60W per USB-C port		
HDBaseT Transmission Distance	4K60 4:4:4 – 40m (Cat6a) 4K30 4:4:4/1080p60 – 70m (Cat6a)		
INPUTS	Video 3x HDMI 2.0 type A 2x USB-C	Analogue Audio 1x Balanced Audio	Digital Audio 1x Dante 2ch
OUTPUTS	Video 1x HDMI 2.0 (18G) 1x HDBaseT (10.2G)	Analogue Audio 1x Balanced Audio	Digital Audio 1x Dante 2ch
CONTROL	RS232 LAN via Web GUI Contact button inputs		
POWER SUPPLY	24V DC 8A		
POWER CONSUMPTION	150W Max.		
WEIGHT AND DIMENSIONS	Weight (net) 1.5kg	Size (WHD) 220 x 43 x 180mm	
WHAT'S IN THE BOX	1x MS51U-18G 2x 5 way Pluggable terminal block (Phoenix) 2x 3-way Phoenix connectors 1x RS232 cable 1x IR Receiver 2x IR Emitter 1x Set mounting brackets 1x IR Handset 1x 24v 1.25A External PSU 1x User's manual		

REGULATORY COMPLIANCE



SY-MS51U-18G Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2025