



Easy to integrate, the CLSO-612 was designed for conference and classrooms with inputs at lecterns, tables, and desks. Sources and displays can be up to 230 feet (70 meters) from the switcher with HDBaseT inputs and outputs. Local HDMI and multifunction analog inputs work with any source. Combined with great features such as: 4K up/down scaling, microphone ducking, and audio control, this is the core component of your presentation AV system.

- Accepts HDMI and HDBaseT inputs from up to 230 feet away
- Multifunctional VGA ports for RGBHV, component, S-Video, and composite signals
- Microphone (dynamic, phantom, and line) input with ducking
- HDBaseT output mirrored to HDMI output
- Balanced audio inputs for embedding audio
- Balanced (+4 dbu) analog audio output for de-embedding audio to amplifiers or audio systems
- Upscaling and downscaling to ensure compatibility with any display up to 4K resolution
- Auto-switching to last connected source
- Control via RS-232, IR, TCP/IP, WebGUI, and multi-language On-Screen Display
- Master and sub volume control
- PoCC to HDBaseT inputs and outputs (no power required with compatible devices)
- HDCP Compliant
- Supports 3D pass through

Specifications

Video Resolutions

IN	480i, 480p, 576i, 576p, 720p@25/29.97/30/50/59.94/60Hz, 1080i, 1080p, 2048x1080p, 3840x2160@24/25/30Hz*, 4096x2160@24/25/30Hz*
OUT	800x600, 1024x768, 1280x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1440x900, 1600x1200, 1680x1050, 1920x1200 480p, 720p@59.94/60Hz, 1080i, 1080p, 2048x1080p, 3840x2160@24/25/30Hz, 4096x2160@24/25/30Hz 800x600, 1024x768, 1280x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1680x1050, 1920x1200
Composite/S-Video	NTSC, NTSC4, PAL, PAL-M, PAL-N, SECAM

Audio

Analog Output	PCM 2Ch (de-embedded)
HDMI/HDBaseT Output	PCM

Distance

HDMI	10 meters	30 feet
CAT5e/6	up to 35 meters (1080p3D up to 4K)	up to 115 feet
CAT6a/7	up to 40 meters (1080p3D up to 4K)	up to 130 feet
CAT5e/6	up to 60 meters (≤1080p 36bpp)	up to 197 feet
CAT6a/7	up to 70 meters (≤1080p 36bpp)	up to 230 feet

Signal

Bandwidth	10.2 Gbps
CEC	No
HDCP	Switchable - Compliant / Non compliant

Temperature

Operating	0°C to 50°C	32°F to 122°F
Storage	-20°C to 60°C	-4°F to 140°F
Humidity	20 to 90% non-condensing	

Power

Consumption	55W
Idle Consumption	9.3W
Supply	Input: AC100~240V 50/60Hz Output: DC 24V/2.7A

Dimension

H x W x D	44 x 433.8 x 255 (mm)	1.73 x 17.08 x 10.04 (inch)
w/feet	55.15 x 433.8 x 255 (mm)	2.17 x 17.08 x 10.04 (inch)
Rack Unit	1U	

Weight

Device	3.14 kg	6.92 lbs
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Certification

Device	CE, FCC, RoHS
Power Supply	CE, FCC, RoHS, cULus

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