EL-5500N
HD HDMI / VGA Presentation Switch

FEATURES

- Supports switching and scaling of multi-format inputs to HDMI or PC/HD
- Supports EDID management and HDCP compliance
- Supports 3D de-interlace and 3D comb filter
- Supports frame rate conversion
- Supports RS-232, IP (Telnet/WebGUI) and IR controls
- Supports output timing hot keys switching
- Supports Digital to Analogue (DAC) and Analogue to Digital (ADC) Audio conversion

The EL-5500N (latest hardware version) is an advanced rack mountable HDMI, VGA, Composite, and Component presentation switcher. This device can scale and switch input sources to it's two HDMI outputs, with their associated audio signals to the native resolutions supported by the connected display.

Control is via the IR remote, RS-232, IP, or via manual selection buttons. Both digital and analogue stereo audio is supported via a built-in DAC (Digital to Analogue Converter) and ADC (Analogue to Digital Converter). The EL-5500 is the perfect solution for any educational or commercial environment requiring integration of multiple sources and signal formats to two HDMI displays.
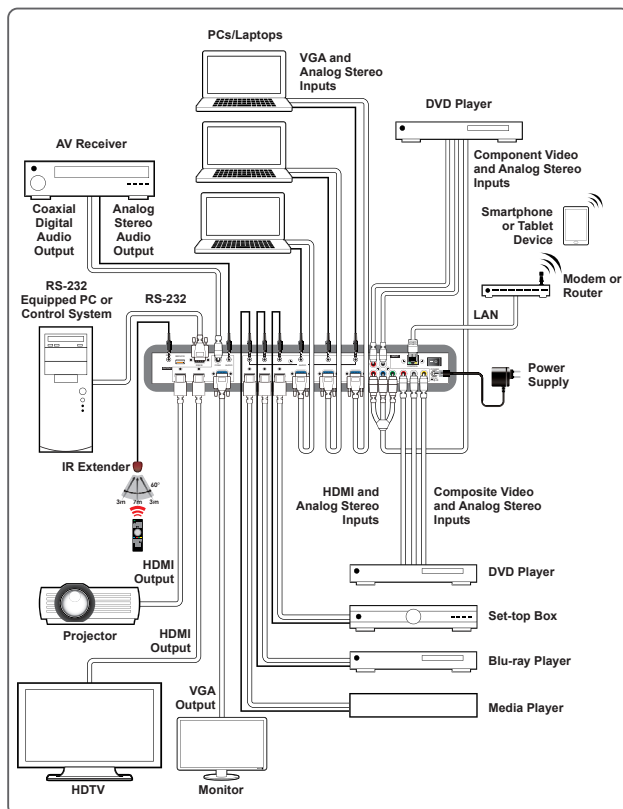
PANELS

Front View

Rear View

DIAGRAM

SPECIFICATIONS

Interfaces

Input Port	3×HDMI 3×VGA (15-pin D-sub) 1×Component Video (COMP) 1×Composite Video (CV) 6×Stereo Audio (3.5mm) 4×RCA Stereo Audio
Output Port	2×HDMI 1×VGA (15-pin D-sub) 1×Coaxial Audio 1×Stereo Audio (3.5mm)

Video

HDMI Compliance	HDMI 1.3(DVI 1.0)	
HDCP Compliance	HDCP 1.4	
Input Signal Type	CVBS : NTSC, PAL, SECAM Component: Up to 1080@p60 PC: Up to WUXGA(RB) HDMI: Up to 1080@p60	
		Resolutions
Maximum Input	HDM	1920×1080p@60 1920×1200@60 (RB)
	CVBS	480i@60/576i@50
	Component	1920×1080p@60
	PC	1920x1200@60RB
Maximum Output	HDM	1920×1080p@60 1920×1200@60 (RB)
	PC	1920x1080p@60Hz 1920×1200@60 (RB)

Audio

HDMI	LPCM (2 Channels)
Line in	2 Vrms
Line Out	2 Vrms

Power

Power Supply	5 V/3A DC (US/EU standards, CE/FCC/UL certified)
Power Consumption	11W

Enclosure

Chassis Material	Metal
Chassis Colour	Black
Dimensions (W×H×D)	432 mm × 47 mm × 183 mm [All Inclusive]
Weight	2140 g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
EL-5500N	Multiple Inputs to HDMI/VGA Scaler