

CSC-5501TX

Multi-Format to HDMI Switcher/Scaler



This scaler has DisplayPort, HDMI and PC (VGA) inputs which can be freely selected for output at a scaled resolution of the user's choosing over the mirrored HDMI and HDBaseT outputs. This unit also includes separate analog and digital audio outputs to provide additional playback flexibility. Support for HDMI output resolutions up to 1080p/WUXGA (RB) and Analog to Digital Conversion (ADC) functionality combine to allow for a wide range of AV signals to be displayed on the connected HDMI displays.

Beyond video switching and scaling, this unit also features useful audio functions. The Optical Audio Return (OAR) feature supports transmitting optical audio from a compatible HDBaseT Receiver to this unit for local playback. An integrated audio DSP with gain control for routing audio and controlling background audio levels adds to the versatility of this product. The HDBaseT output can provide 48V PoH to power to compatible HDBaseT Receivers. The unit can be controlled via front panel buttons with an On-Screen Display (OSD), WebGUI, IR remote, Telnet, and RS-232 making it exceptionally versatile.

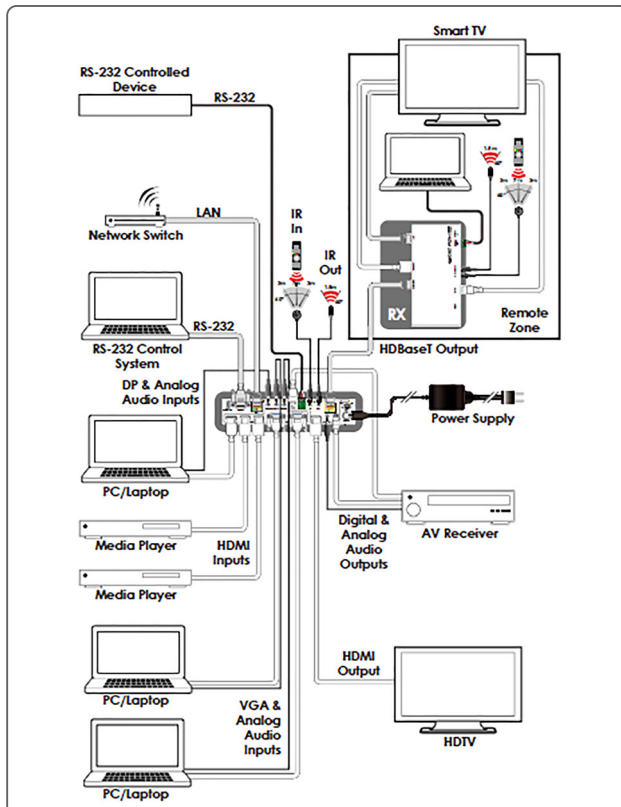
PANELS



Front View

Rear View

DIAGRAM



FEATURES

- Analog stereo and digital coaxial breakout audio outputs
- Supports pass-through of LPCM 2.0 audio and Optical Audio Return (OAR) function to transmit audio from a compatible HDBaseT receiver to this unit
- Audio DSP with gain control for routing audio and controlling background audio levels
- HDBaseT feature support: HD Video and Audio, Ethernet, 48V PoH, and Control (bidirectional IR/RS-232 pass-through)
- HDBaseT output provides 48V PoH (PSE) to power to compatible HDBaseT Receivers (PD)
- EDID management support
- Remote control provides discrete input source selection

SPECIFICATIONS

Interfaces

Input Port	1×DisplayPort 2×HDMI 2×VGA (HD-15) 3×Stereo (3.5mm)
Output Port	1×HDMI 1×HDBaseT (Cat.5e/6/7) 1×S/PDIF (TOSLINK) 1×S/PDIF (RCA) 1×Stereo (3.5mm)
Pass-through Port	1×IR Extender (3.5mm) 1×IR Blaster (3.5mm) 1×RS-232 (Terminal Block)
Pass-through/Control Port	1×LAN (RJ-45)
Control I/O	1×RS-232 (9-pin D-sub)

Video

HDMI Compliance	HDMI 1.3 (DVI 1.0, DP 1.1)
HDCP Compliance	1.x
Input Signal Type	1920×1080p 60 8-bit
Output Signal Type	1920×1080p 60 8-bit

		Resolutions
Maximum Input	DisplayPort	1920×1080p@60 1920×1200p@60RB
	HDMI	1920×1080p@60 1920×1200p@60RB
	VGA	1920x1200@60RB
Maximum Output	HDMI	1920×1080p@60 1920×1200p@60RB
	HDBaseT	1920×1080p@60 1920×1200p@60RB

Power

Power Supply	24V/2.7A DC(US/EU standards, CE/FCC/UL certified)
Power Consumption	18W

Enclosure

Chassis Material	Metal
Chassis Color	Black
Dimensions (W×H×D)	215mm×42mm×144mm [Case Only] 215mm×47mm×153mm [All Inclusive]
Weight	1068g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
CSC-5501TX	Multi-Format to HDMI Switcher/Scaler
CH-1529RX	HDCP 2.2 & HDMI2.0 Extender with OAR / Audio Insertion