



GT-SCL-1

High Performance balanced analog stereo audio, up to 2 microphone inputs, DSP audio features and a built-in stereo power amplifier. It includes a built-in Ethernet switch and supports legacy RS-232, and IR, Ethernet and RS-232 tunneling over HDBT. It includes multiple HDMI and HDBaseT inputs supporting resolutions up to 4K as well as a legacy VGA input, and each of the 4 outputs is mirrored on both HDMI and HDBT.

Technical Specification:

Specification	Description
Inputs	8 HDMI On female HDMI connectors 1 PC On a 15-pin HD connector 4 HDBT On RJ-45 female connectors 8 Stereo Analog Balanced Audio On 5-pin terminal block connectors. 2 Unbalanced Mono Audio On 3-pin terminal block connectors
Outputs	6 HDMI On female HDMI connectors 6 HDBT (mirrored with each HDMI output) On RJ-45 female connectors. 5 Balanced Stereo Audio On 5-pin terminal block connectors 1 Stereo Balanced Audio On a 4-pin large terminal block
Line Level Input	Impedance 16.6k Ω Maximum level +14.7dBu (4.2Vrms) Sensitivity Full power @ +8.7dBu (2.1Vrms) for OUT =1.9Vrms
MICROPHONE LEVEL INPUT	Impedance 47k Ω Sensitivity Full power @ -37dBu (11mVrms) for OUT =1.9Vrms Phantom Power 48Vdc on/off per input
Line Level Output	Impedance 500 Ω Frequency Response 20Hz – 20kHz @ +/-1dB S/N Ratio >75dB, 20Hz – 20kHz (unweighted), >81dB, 20Hz – 20kHz (A-weighted) Audio THD + Noise <0.014%, 20Hz – 20kHz (unweighted), <0.0092%, 20Hz–20kHz (A-weighted) Crosstalk <-93 dB, 20Hz to 20kHz
Amplifier	Output Power 2 x 20W into 4 Ω Amplifier Class D Maximum Voltage Gain 26dB BTL Dynamic Range 103 dB A-Weighted Frequency Response 20Hz – 20kHz @ +/-1dB S/N Ratio >68 dB, 20Hz – 20kHz (unweighted) Audio THD + Noise <0.037%, 20Hz – 20kHz (unweighted) Crosstalk <-77 dB, 20Hz to 20kHz

Ports	8 IR (for HDBT Outputs) On terminal block connectors for IR link extension 8IR (for HDBT Inputs) On terminal block connectors for IR link extension 4 RS-232 (for HDBT Outputs) On terminal block connectors for serial link extension 4 RS-232 (for HDBT Inputs) On terminal block connectors for serial link extension 5 USB 4 USB Hosts on USB-B connectors 1 USB Client on a USB-A connector 1 USB On a USB-A connector for firmware upgrading 2 RS-232 On 3-pin terminal block connectors 4 100BaseT Ethernet On RJ-45 female connectors for device control and LAN Extension
Video	Max Resolution HDMI: 4K60 4:4:4 HDBT: 4K60 4:4:4 PC (VGA):1080p Compliance Up to HDMI 2.0 and HDCP 2.2
Extended Ethernet	Max Transmission Bandwidth 100Mbps
Extended RS-232	Baud Rate 300 to 115200
Control RS-232	Baud Rate 115200
Power	Max, Power Consumption 190VA Storage Temperature -40° to +70°C (-40° to 158°F)
Environmental Conditions	Operating Temperature 0° to +40°C (32° to 104°F) Humidity 10% to 90%, RHL non-condensing
Regulatory Compliance (Standards Compliance)	Safety CE, FCC,ISO

