Teranex Mini SDI to Audio 12G



De-embed audio from any SD, HD or Ultra HD SDI video connection and output 2 channels of analog audio to balanced XLR, optical or HiFi RCA, or output up to 4 channels of AES/EBU digital audio. Perfect for converting and outputting SDI audio to a massive range of audio equipment such as audio mixers, iPods, analog broadcast decks, audio monitors and more.

$655

Connections

SDI Video Inputs
1 x 12G-SDI SD/HD/2K/4K auto switching.

SDI Video Outputs
1 x 12G-SDI loop output.

Analog Audio Outputs
2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode output.

Digital Audio Outputs
4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output.

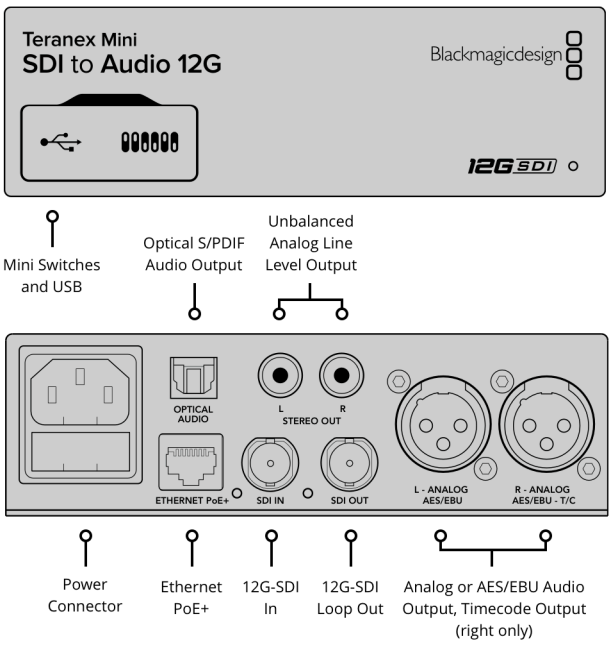
Embedded Audio Support
16 channels.

Optical Audio Output
S/PDIF Signal with TOSLINK Connector.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K.

Updates and Configuration
USB or Ethernet.

Reclocking
Yes



Standards

SD Video Standards
525i59.94 NTSC, 625i50 PAL

HD Video Standards
720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30

2K Video Standards
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Video Standards
4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI

SDI Compliance
SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 372M,
SMPTE 424M, SMPTE 425M
level A and B, SMPTE 2081-1,
SMPTE 2081-10, SMPTE 2082-1 and
SMPTE 2082-10

SDI Video Rates
SDI video connections are auto switching between standard definition SDI, high definition level A and level B 3G-SDI, 6G-SDI, and 12G-SDI.

SDI Video Sampling
4:2:2 and 4:4:4.

SDI Audio Sampling
Television standard sample rate of 48 kHz and 24-bit.

SDI Color Precision
YUV 4:2:2 and RGB 4:4:4 in HD, 2K and 4K.

SDI Color Space
REC 601, REC 709

Software

Software Control
Mac™ and Windows™ software upgrade via USB and Ethernet.

Internal Software Upgrade
Via included updater application.

Operating Systems



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.

Windows 10, 64-bit.

Settings Control

Basic Settings Control
Mini Switches, USB and Ethernet via free software utility

Optional Front Panel Control
Front mounted Smart Panel with LCD, rotary knob and six settings buttons

Power Requirements

Power Supply
1 x built-in international AC power supply with IEC C14 inlet. IEC Power cable required. 100 - 240V AC Input.

Power Over Ethernet
Can be powered via 48V DC using PoE+ (power over ethernet).

Power Consumption
16 Watts

Operational Voltage Range
100 - 240V AC

Physical Specifications



Environmental Specifications

Operating Temperature
0° to 40°C (32° to 104°F)

Storage Temperature
-20° to 60°C (-4° to 140°F)

Relative Humidity
0% to 90% non-condensing

What's Included

Teranex Mini SDI to Audio 12G
Welcome wallet with QR code for software download

Warranty

3 Year Limited Manufacturer's Warranty.

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