Blackmagic Audio Monitor 12G



Blackmagic Audio Monitor 12G gives you fantastic quality audio monitoring in an impossibly small one rack unit size! With a dual subwoofer design combined with extra wide range speakers all backed by a super powerful class D amplifier. Blackmagic Audio Monitor 12G has been designed to be both an audio and video monitoring solution so you get advanced 12G-SDI up to 60p input, as well as balanced XLR analog audio, balanced AES/EBU digital audio and consumer level HiFi audio inputs. Blackmagic Audio Monitor 12G features an elegant design with big bright multi color VU, PPM or Loudness audio meters and a built in LCD for monitoring video sources. You even get HDMI 4K output so you can connect a television for big screen video monitoring of your SDI sources!

$1,195

Connections

SDI Video Inputs
1

SDI Video Outputs
1 loop out.

SDI Rates
270Mb, 1.5G, 3G, 6G, 12G.

HDMI Video Outputs
1

Multi Rate Support
SDI and HDMI are switchable between standard definition, high definition and ultra high definition.

SDI Video Loop
1 x reclocked 10-bit SD/HD/3G-SDI, 6G-SDI and 12G-SDI.

Analog Audio Inputs
2 x XLR. 2 x RCA HiFi.

Analog Audio Outputs
1 x 6.5mm headphone socket.

Digital Audio Inputs
1 x XLR.

Built in Speaker
Stereo with 2-way crossover and independent stereo subwoofers.

AES/EBU Audio Inputs
2 channels balanced 110Ω AES/EBU via XLR.

SDI Audio Inputs
16 channels embedded in SD, HD and UltraHD 4K.

SDI Audio Outputs
16 channels embedded audio loop out.

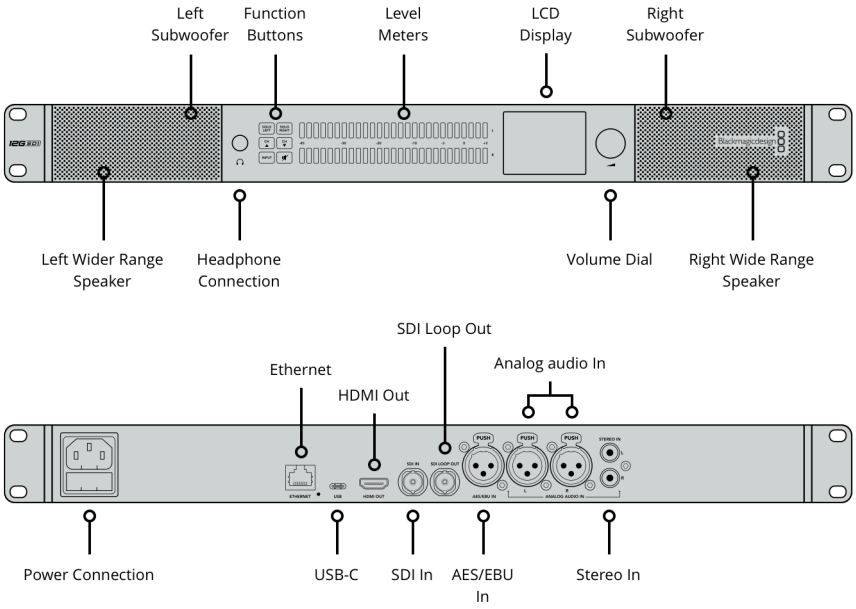
HDMI Audio Outputs
8 Channels embedded in SD, HD and 4K.

Ethernet
1Gb/sec for configuration and firmware updates.

Computer Interface
USB-C for configuration and firmware updates.

Metering
2 x 27 RGB segment LED VU, PPM or Loudness meters.

Modes
Push button interface allows for input selection, channel selection, independent left and right audio, mute and volume control with scroll wheel.



Standards

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

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

2K Video Standards
2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p, 2K 23.98PsF, 2K 24PsF, 2K 25PsF

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

4K Video Standards
4KDCIp23.98, 4KDCIp24, 4KDCIp25, 4KDCIp29.97, 4KDCIp30, 4KDCIp50, 4KDCIp59.94, 4KDCIp60

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 Auto Switching
Automatically selects between SD, HD, 3G-SDI Level A and B, 6G-SDI and 12G-SDI.

Audio Sampling
96 KHz and 24 bit.

Video Sampling
4:2:2 and 4:4:4

Audio Meter Ballistics

54 RGB segment LEDs allowing selection of metering with VU, PPM EBU, PPM BBC or Loudness. Includes replaceable level scale.

Control

Built-in Control Panel
2.2 inch display for viewing video input, video standard and selected audio input.

Software

Internal Software Upgrade
Via USB connection and Ethernet

Operating Systems



Mac 10.13 High Sierra,
Mac 10.14 Mojave or later.



Windows 8.1 or Windows 10.

Display

Display Element
2.2 inch diagonal color LCD.

Display Resolution
320 x 240.

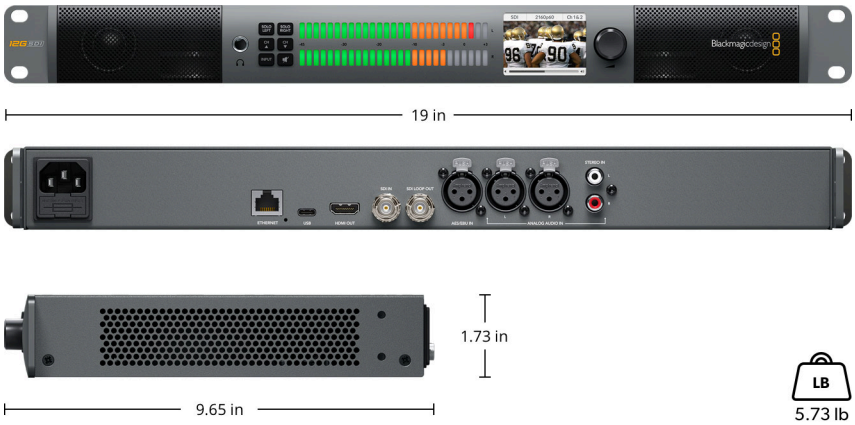
Input Display
SDI video, format, audio type and audio channels.

Power Requirements

Power Supply
1 x Internal 100 - 240V AC.

Power Usage
55 Watts

Physical Specifications



Environmental Specifications

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

Storage Temperature
-20° to 45° C (-4° to 113° F)

Relative Humidity
0% to 90% non-condensing

What's Included

Blackmagic Audio Monitor 12G
PPM and Loudness Scale Stickers
SD card with software and manual

Warranty

12 Month Limited Manufacturer's Warranty.

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