

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 2.0 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

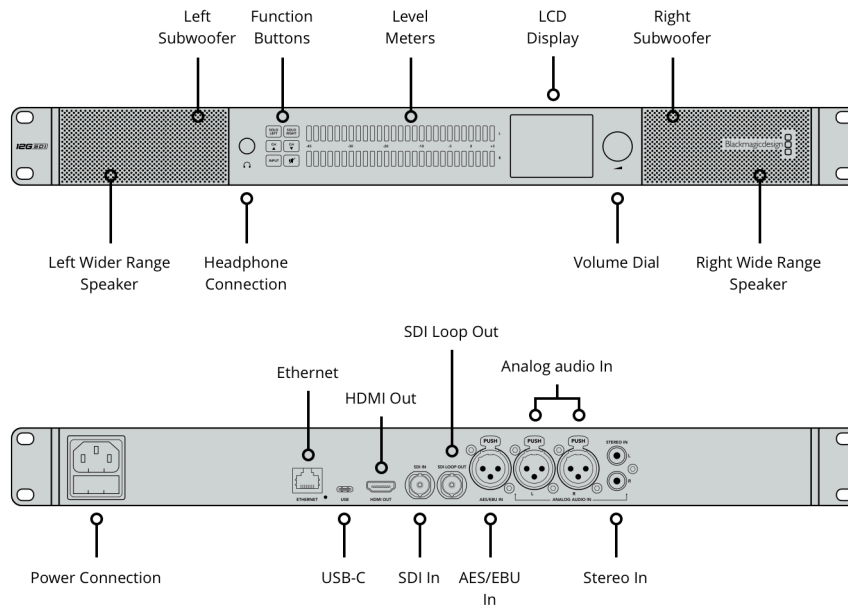
USB-C for configuration and firmware updates.

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

4KDCI23.98, 4KDCI24, 4KDCI25,
4KDCI29.97, 4KDCI30, 4KDCI50,
4KDCI59.94, 4KDCI60

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 and 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

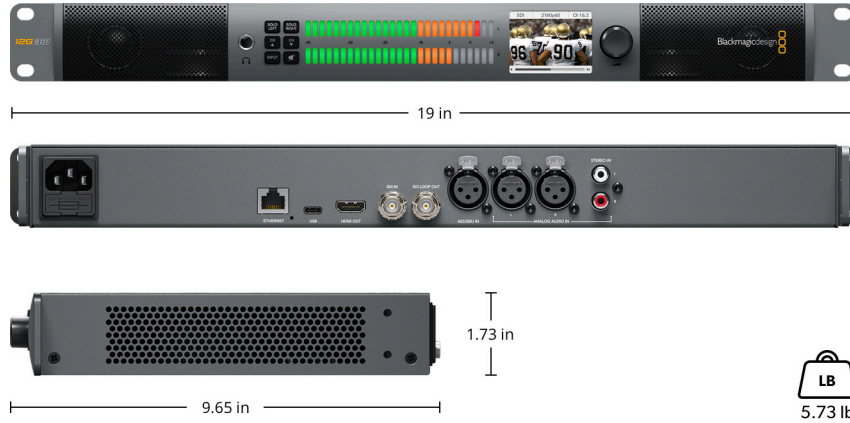
Power Supply

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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