

Blackmagic Audio Monitor



Blackmagic Audio Monitor 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 A/B amplifier. Blackmagic Audio Monitor has been designed to be both an audio and video monitoring solution so you get advanced 6G-SDI in, as well as balanced XLR analog audio, balanced AES/EBU digital audio and consumer level HiFi audio inputs. Blackmagic Audio Monitor features an elegant design with big bright multi color 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!

\$1,495

Connections

SDI Video Inputs

1

SDI Video Outputs

1 loop out.

SDI Rates

270Mb, 1.5G, 3G, 6G.

HDMI Video Outputs

1

Multi Rate Support

SDI and HDMI are switchable between standard definition and high definition.

SDI Video Loop

1 x reclocked 10-bit SD/HD/3G-SDI and 6G-SDI switchable.

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

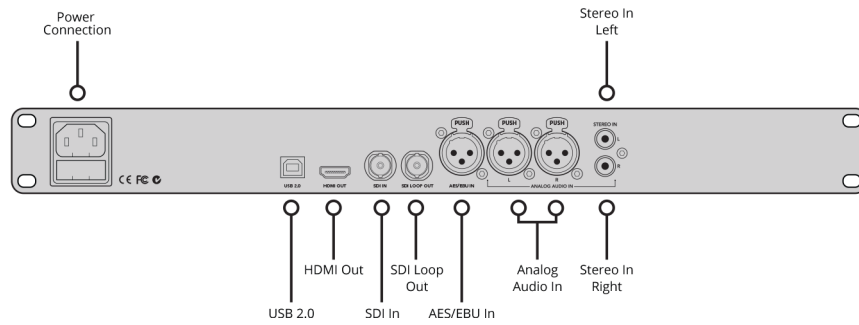
8 Channels embedded in SD, HD and 4K.

Metering

2 x 27 RGB segment LED VU meters.

Modes

Pushbutton 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 Format Support

2160p23.98, 2160p24, 2160p25,
 2160p29.97, 2160p30

SDI Compliance

SMPTE 259M, SMPTE 292M,
 SMPTE 372M, ITU-R BT.656 and
 ITU-R BT.601.

SDI Auto Switching

Automatically selects between SD, HD,
 3G-SDI and 6G-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.

Operating Systems



Mac OS X 10.11 El Capitan, macOS Sierra or later.



Windows 8.1 64-bit or Windows 10 64-bit.

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

< 60 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

SD card with software and manual

Warranty

12 Month Limited Manufacturer's Warranty.

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