

## 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!

### Connections

#### SDI Video Inputs

1

#### SDI Video Outputs

1 loop out.

#### SDI Rates

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

#### HDMI 2.0 Video Outputs

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#### 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

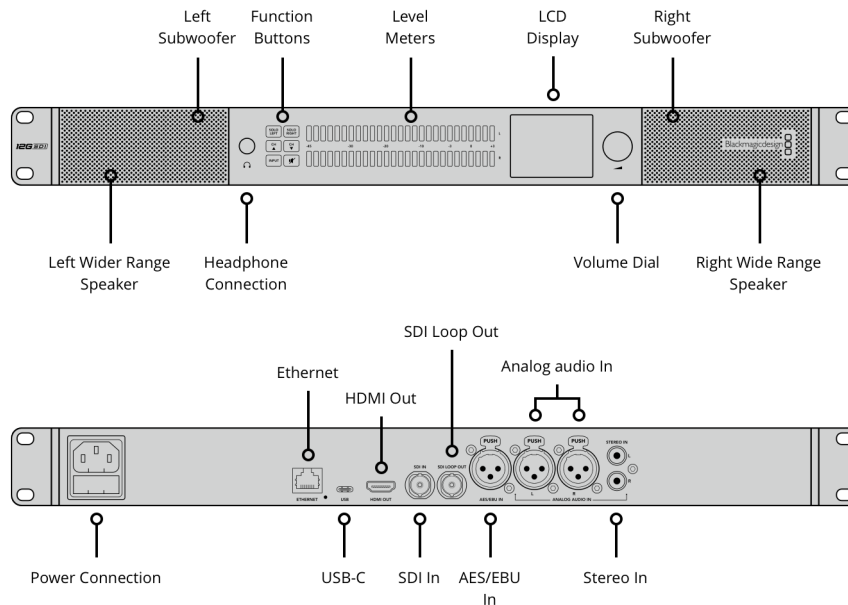
USB-C for configuration and firmware updates.

#### 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

4KDCI p23.98, 4KDCI p24, 4KDCI p25,  
4KDCI p29.97, 4KDCI p30, 4KDCI p50,  
4KDCI p59.94, 4KDCI p60

### 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.

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## Control

### Built-in Control Panel

2.2 inch display for viewing video input, video standard and selected audio input.

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## Software

### Internal Software Upgrade

Via USB connection and Ethernet

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## Operating Systems



Mac 10.13 High Sierra,  
Mac 10.14 Mojave or later.



Windows 8.1 and 10.

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## Display

### Display Element

2.2 inch diagonal color LCD.

### Display Resolution

320 x 240.

### Input Display

SDI video, format, audio type  
and audio channels.

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## Power Requirements

### Power Supply

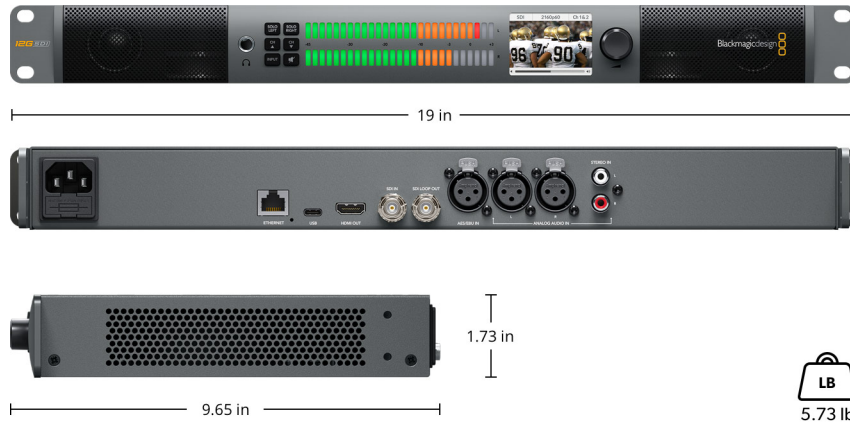
1 x Internal 100 - 240V AC.

### Power Usage

55 Watts

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## Physical Specifications



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## 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

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## What's Included

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

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## Warranty

12 Month Limited Manufacturer's Warranty.

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