

Blackmagic 2110 IP Presentation Converter



Blackmagic 2110 IP Presentation Converter is designed for speaker podiums with connections for laptops, projectors and microphones all in the one converter. Computers can connect via USB-C for both video and power and there is an HDMI output for projectors that can be switched to the video input or the 2110 IP return feed. For audio, there are XLR microphone inputs and an XLR audio out for PA speakers. The RJ-45 10G Ethernet video connection can power the whole converter, even when charging a USB computer!

959 €*
 *incl. 19% VAT

Anschlüsse

PC Video Inputs

1 x front USB-C plus 1 x rear USB-C with 45W host charging capability.

HDMI-2.0-Videoeingänge

1

HDMI-2.0-Videoausgänge

1

SDI-Videoausgänge

1

Automatically standards converted to destination

SDI-Raten

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

SMPTE ST-2110 IP Video Inputs

1 x 10G Ethernet

SMPTE ST-2110 IP Video Outputs

1 x 10G Ethernet

Analoge Audioeingänge

2 x Combination 3-pin XLR / TRS 1/4 inch Jack connectors, switchable between +24dB line and mic level with support for +48V phantom power.

Analoge Audioausgänge

2 channels of professional balanced analog audio with 3-pin XLR connectors.
1 x 6.35 mm headphone jack.

SDI-Audioausgänge

16 Channels embedded in SD/HD/2K/UHD/4K.

HDMI-Audioeingänge

8 Channels embedded in SD/HD/UHD/4K.

HDMI-Audioausgänge

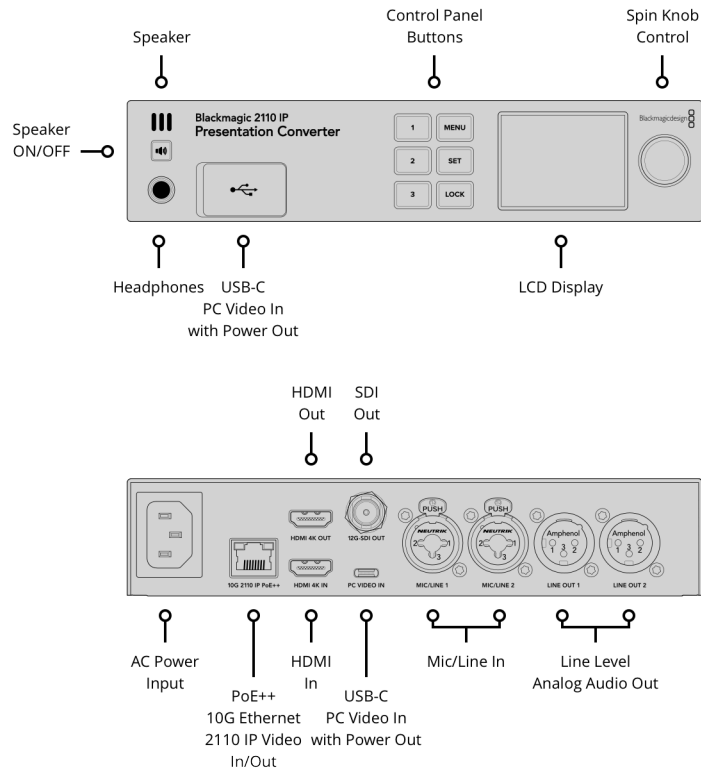
8 Channels embedded in SD/HD/UHD/4K.

USB

2 x USB-C 3.1 Gen 1 (up to 5 Gb/s).

Ethernet

1 x 10Gb/s RJ-45 connector supporting 10/100/1000/10G BASE-T for SMPTE-2110 IP video in and out, configuration and firmware updates.



SDI-Videonormen

SD-Videonormen

525i/59,94 NTSC; 625i/50 PAL

HD-Videonormen

720p/50; 720p/59,94; 720p/60
 1080i/50; 1080i/59,94; 1080i/60
 1080p/23,98; 1080p/24; 1080p/25;
 1080p/29,97; 1080p/30; 1080p/50;
 1080p/59,94; 1080p/60
 1080PsF/23,98; 1080PsF/24; 1080PsF/30
 25; 1080PsF/29,97; 1080PsF/30

2K-Videonormen

2Kp/23,98 DCI; 2Kp/24 DCI; 2Kp/25 DCI;
 2Kp/29,97 DCI; 2Kp/30 DCI;
 2Kp/50 DCI; 2Kp/59,94 DCI; 2Kp/60 DCI
 2KPsF/23,98 DCI; 2KPsF/24 DCI;
 2KPsF/25 DCI; 2KPsF/29,97 DCI;
 2KPsF/30 DCI

Ultra-HD-Videonormen

2160p/23,98; 2160p/24; 2160p/25;
 2160p/29,97; 2160p/30; 2160p/50;
 2160p/59,94; 2160p/60

4K-Videonormen

4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/25 DCI;
 4Kp/29,97 DCI; 4Kp/30 DCI;
 4Kp/50 DCI; 4Kp/59,94 DCI; 4Kp/60 DCI

SDI-Konformität

SMPTE 259M, SMPTE 274M, SMPTE 296M, SMPTE 424M, SMPTE 425M Level A und B SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-10, SMPTE ST2108-1, SMPTE ST2110-20, SMPTE ST2110-21, SMPTE ST2110-30, SMPTE ST2110-40.

Unterstützte SDI-Metadaten

RP 188/SMPTE 12M-2 and closed captioning.

Multirate-Unterstützung

SDI video connections are switchable between SD/HD/2K/UHD and 4K.

SDI-Audioabtastrfrequenz

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

SDI-Videoabtastrfrequenz

4:2:2; 4:4:4

SDI-Farbgengenauigkeit

8, 10, 12-bit RGB 4:4:4 in 2D modes up to 4Kp30 DCI and 8, 10-bit YUV 4:2:2 in all 2D modes.
 8, 10, 12-bit RGB 4:4:4 in 3D modes up to 2Kp60 DCI and 8, 10-bit YUV 4:2:2 in all 3D modes.

SDI-Farbraum

REC 601, REC 709 und REC 2020

HDR-Unterstützung

HDR static metadata packing, HLG and PQ transfer characteristics.

HDMI-Videonormen

SD-Videonormen

525i/59,94 NTSC; 625i/50 PAL

HD-Videonormen

720p/50; 720p/59,94; 720p/60
1080i/50; 1080i/59,94; 1080i/60
1080p/23,98; 1080p/24; 1080p/25;
1080p/29,97; 1080p/30; 1080p/50;
1080p/59,94; 1080p/60

Ultra-HD-Videonormen

2160p/23,98; 2160p/24; 2160p/25;
2160p/29,97; 2160p/30; 2160p/50;
2160p/59,94; 2160p/60

4K-Videonormen

4Kp/23,98 DCI; 4Kp/24 DCI; 4Kp/
25 DCI; 4Kp/29,97 DCI; 4Kp/30 DCI;
4Kp/50 DCI; 4Kp/59,94 DCI; 4Kp/
60 DCI

HDMI-Audioabtastfrequenz

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

HDMI-Videoabtastfrequenzen

4:4:4; 4:2:2 und 4:2:0

HDMI-Farbgenauigkeit

8, 10 and 12-bit

HDMI-Farbraum

REC 601, REC 709 und REC 2020

HDR-Unterstützung

HDR static metadata packing, HLG
and PQ transfer characteristics.

HDR Configuration

HDMI 2.0 supports Deep Color and
HDR. Automatically configures to
connected display.

Multirate-Unterstützung

HDMI video connections are
switchable between SD/HD/UHD
and 4K.

Kopierschutz

HDMI input is unable to capture from
copy protected HDMI sources. Always
confirm copyright ownership before
capture or distribution of content.

IP-Videokonformität

SMPTE 2110-20

(Unkomprimiertes Video)

IGMP v2

SMPTE 2110-21 (Traffic-Shaping)

Sender: Narrow
Receiver: Narrow, Wide Synchronous,
Asynchronous

SMPTE 2110-30 (PCM)

Audio Conformance level: Level C

SMPTE 2110-40 (Zusatzdaten)

Full access to entire SMPTE ancillary
data stream. Includes RP 188/SMPTE
12M-2, closed captioning and HDR
static metadata.

Codec

Blackmagic IP10 codec used when
converting 12G-SDI rates to 10G 2110
IP video.

Precision Time Protocol (PTP)

IEEE 1588-2008 (PTP v2)
ST 2059-1
ST 2059-2

NMOS IS-05 连接管理

v1.3.2
Peer-to-peer via mDNS/DNS-SD

NMOS IS-05 Verbindungsverwaltung

v1.1.2

NMOS BCP-002-01

Natural Grouping

NMOS BCP-004-01

Receiver capabilities

Steuerung

Integrierte Frontblende

6 buttons, spin knob and 2.2 inch
color display for menu and settings.
Front speaker on/off button.

Physische Installation

Half rack unit width, 1 rack unit height.

Physische Spezifikationen



Betriebssysteme



Mac 13.0 Ventura,
Mac 14.0 Sonoma oder höher



Windows 10 und 11

Strombedarf

Stromversorgung

1 x Internal 100 - 240V AC 50/60Hz
with IEC C14 socket.

Energieverbrauch

TBA

Umgebung

Betriebstemperatur

5° to 40° C (41° to 104° F)

Lagerungstemperatur

-20° to 45° C (-4° to 113° F)

Relative Luftfeuchtigkeit

0% to 90% non-condensing

Im Lieferumfang enthalten

Blackmagic 2110 IP Presentation Converter

Startermappe mit QR-Code zum Download der Software

Garantie

TBA

Für alle Elemente auf dieser Website gilt das Copyright von Blackmagic Design Pty. Ltd. 2024. Alle Rechte vorbehalten. Alle Handelsmarken sind Eigentum ihrer jeweiligen rechtmäßigen Besitzer. Unverbindliche Preisempfehlungen inkl. MwSt. zzgl. Versand- und Zustellungskosten. Diese Website nutzt Remarketing-Dienste. Besuchern unserer Website werden unsere Inhalte auch auf Fremdanbieter-Websites angezeigt. Sie können sich jederzeit abmelden, indem Sie Ihre Cookie-Einstellungen ändern. [Datenschutzerklärung](#)

Zugelassene Blackmagic Design Reseller