

ATEM 2 M/E Constellation 4K



ATEM 2 M/E Constellation 4K is a powerful 2 M/E Ultra HD live production switcher. It features 20 standards converted 12G-SDI inputs, 12 12G-SDI aux outputs, 2 DVEs, 8 ATEM Advanced Keyers, 2 multiviews, media players, USB webcam output and a SuperSource for a total of 6 DVEs. You even get built in talkback and a professional 48 channel Fairlight audio mixer with EQ and dynamics!

€3 575

Connessioni

Ingressi video

20

Ingresso di riferimento

Tri-Sync or Black Burst.

Total Multi Views

2 x 12G-SDI

Uscite video

12

Risincronizzazione di sorgenti

On all 20 inputs.

Connessione pannello di controllo

Ethernet. Direct connection between panel and chassis, or via network.

Trasmissione SDI

1.5G, 3G, 6G, 12G

Convertitori di frame rate e formato

On all 20 inputs.

Internal Timecode Generator

Yes

Ingressi audio

2 x balanced 1/4 inch Jack,
1 x 5 pin XLR Talkback.

SDI Aux Outputs

Any of the 12 SDI outputs.

Talkback

RJ45 for 3rd party talkback systems.

Uscite audio

1 x 5 pin XLR Talkback.

SDI Preview Outputs

Any of the 12 SDI outputs.

Tally Output

Added via ethernet connection to Blackmagic Design GPI and Tally Interface product. (Not included).

Ingressi audio SDI

16 Ch embedded audio on all SDI inputs.

SDI Program Outputs

Any of the 12 SDI outputs.

Ethernet

Supports 10/100/1000 BASE-T.

Uscite audio SDI

16 Ch embedded audio on all SDI outputs.

Down Converted SDI

Program Output

1

Uscita webcam

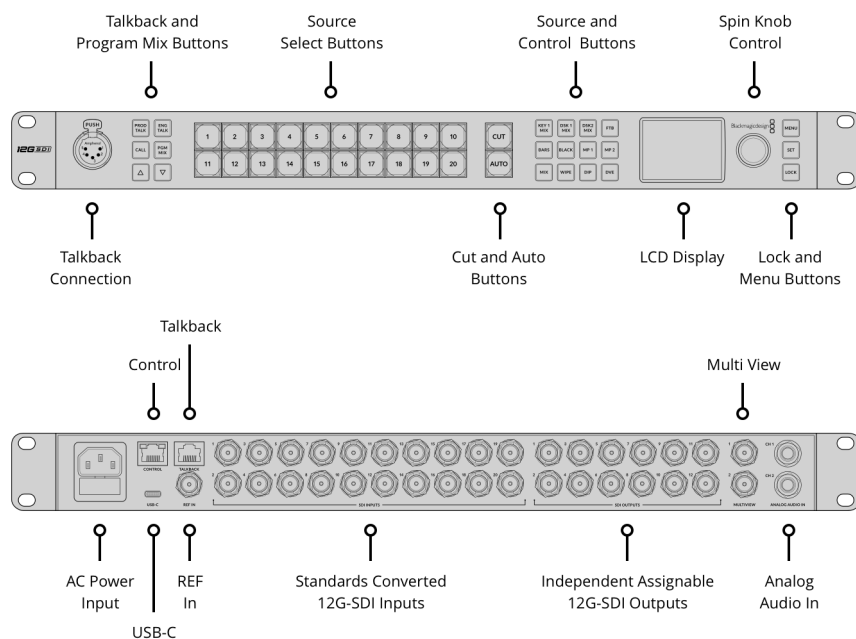
1 x USB-C supporting 720p or 1080p at PGM frame rate.

Interfaccia computer

1 x USB-C supports USB 2.0

Connessioni per timecode

No



Standard

Standard video SD

No

Standard video HD

720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30,
1080p50, 1080p59.94, 1080p60

Standard video Ultra HD

2160p23.98, 2160p24, 2160p25,
2160p29.97
2160p30, 2160p50, 2160p59.94,
2160p60

Conformità alla norma SDI

SMPTE 292M, SMPTE 296M,
SMPTE 424M, SMPTE 425M level A
and B. SMPTE 2081-1,
SMPTE 2081-10, SMPTE 2082-1 and
SMPTE 2082-10.

Campionamento video

4:2:2

Precisione colore

10-bit.

Spazio colore

REC 709, REC 2020

Auto commutazione SDI

Automatically detects between
1.5G-SDI, level A or level B 3G-SDI,
6G-SDI and 12G-SDI.

Specifiche

Chiavi primarie

8

Chiavi secondarie

2

Chiavi cromatiche avanzate

8

SuperSource

1

DVEs

2

Chiavi lineari/luminanza

11

Transition Keyer (Stinger/DVE)

2 Stinger, 2 DVE.

Livelli compositivi

15

Generatori di motivi

11

Generatori di colore

2

Pannello di controllo

Front fascia emergency switching,
software or optional hardware panel.

Routable Windows

32

Windows Source Labels Yes	Tally Red for program and green for preview indication.	Talkback Support Yes Mix Minus Support Yes
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Monitoraggio

Monitoraggio 2 x multi view configurable to 16, 13, 10, 7 or 4 up views. Includes monitoring of Program, Preview, Inputs, Media Players, Key Masks, Clean Feed with optional labels and audio meters.	Standard video multiview HD or Ultra HD
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Lettori multimediali

Lettori multimediali 2	Media Player Clip Length in 720 HD 3200 frames.	Formati fotogrammi compatibili PNG, TGA, BMP, GIF, JPEG and TIFF.
Canali Fill and key for each media player.	Media Player Clip Length in 1080 HD 1600 frames.	Media Pool Video File Format TGA Sequence.
Capienza archivio per fotogrammi 40	Media Player Clip Length in 2160 UHD 400 frames.	Media Pool Audio File Format WAV, MP3 and AIFF.
Media Pool Clip Capacity 2 x up to 2160p60.		

Display

Front panel Built in 2.2 inch LCD monitor for video, 22 LED buttons for setup and emergency switching, 8 source buttons, 4 transition buttons, 6 talkback selection and mix buttons, menu control knob and set button, front panel lock button.

Elaborazione

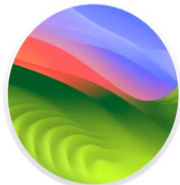
Processing Delay < 10 lines.
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Mixer 48 Channel mixer Selectable On/Off/Audio-Follow-Video. Level and Peak metering. Master gain control. 6 band parametric EQ, Dynamics including Expander, Gate, Compressor and Limiter.	Down Conversion 1 x selectable HD down converted output
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Software

Pannello di controllo incluso ATEM Software Control included free for Mac 13.0 Ventura, Mac 14.0 Sonoma or later and Windows 10 or 11.	Aggiornamenti software Using USB or Ethernet connection directly connected to Mac OS or Windows computers. Includes ATEM Setup Utility.	Configurazione Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Setup Utility connected via USB to chassis.
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Sistemi operativi



Mac 13.0 Ventura,
Mac 14.0 Sonoma o successivo

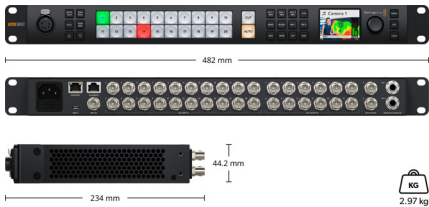


Windows 10 e 11

Requisiti di alimentazione

Alimentazione 1 x Internal 100 - 240 AC.	Consumo energetico 140 W
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Specifiche fisiche



Installazione

Installazione

1 Rack Unit Size.

Specifiche ambientali

Temperatura operativa

0° to 40° C (32° to 104° F)

Temperatura di stoccaggio

-20° to 60° C (-4° to 140° F)

Umidità relativa

0% to 90% non-condensing

Il prodotto include

ATEM 2 M/E Constellation 4K

Wallet di benvenuto con codice QR per scaricare il software

Garanzia

12 Month Limited Manufacturer's Warranty.

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