

ATEM 1 M/E Constellation 4K



ATEM 1 M/E Constellation 4K is a powerful 1 M/E Ultra HD live production switcher. It features 10 standards converted 12G-SDI inputs, 6 12G-SDI aux outputs, DVE, 4 ATEM Advanced Keyers, a 16 way multiview, media players and USB webcam output. You even get built in talkback and a professional 28 channel Fairlight audio mixer with EQ and dynamics!

€1 709

Connessioni

Ingressi video

10

Uscite video

6

Trasmissione SDI

1.5G, 3G, 6G, 12G

Ingressi audio

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

Uscite audio

1 x 5 pin XLR Talkback.

Ingressi audio SDI

16 Ch embedded audio on all
SDI inputs.

Uscite audio SDI

16 Ch embedded audio on all
SDI outputs.

Connessioni per timecode

No

Ingresso di riferimento

Tri-Sync or Black Burst.

Risincronizzazione di sorgenti

On all 10 inputs.

Convertitori di frame rate e formato

On all 10 inputs.

SDI Aux Outputs

Any of the 6 SDI outputs.

SDI Preview Outputs

Any of the 6 SDI outputs.

SDI Program Outputs

Any of the 6 SDI outputs.

Down Converted SDI

Program Output

1

Uscita webcam

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

Total Multi Views

1 x 12G-SDI

Connessione pannello di controllo

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

Internal Timecode Generator

Yes

Talkback

RJ45 for 3rd party talkback systems.

Tally Output

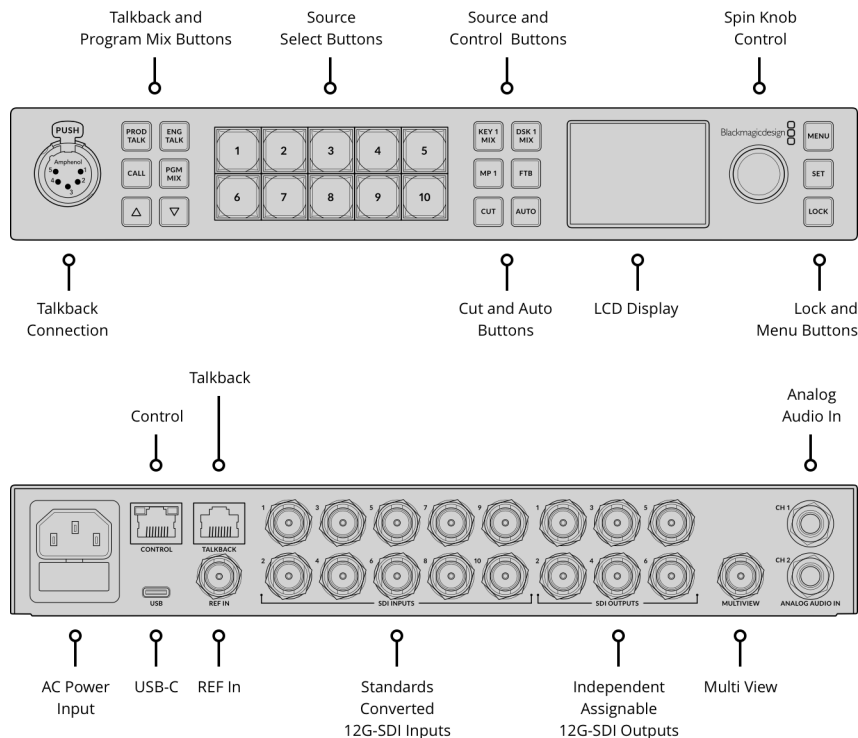
Added via ethernet connection to
Blackmagic Design GPI and Tally
Interface product. (Not included).

Ethernet

Supports 10/100/1000 BASE-T.

Interfaccia computer

1 x USB-C supports USB 2.0



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

4

Chiavi secondarie

1

Chiavi cromatiche avanzate

4

DVEs

1

Chiavi lineari/luminanza

5

Transition Keyer (Stinger/DVE)

1 Stinger, 1 DVE.

Livelli compositivi

7

Generatori di motivi

5

Generatori di colore

2

Pannello di controllo Front fascia emergency switching, software or optional hardware panel.	Windows Source Labels Yes	Talkback Support Yes
Routable Windows 16	Tally Red for program and green for preview indication.	Mix Minus Support Yes

Monitoraggio

Monitoraggio 1 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 1600 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 800 frames.	Media Pool Video File Format TGA Sequence.
Capienza archivio per fotogrammi 20	Media Player Clip Length in 2160 UHD 200 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, 10 LED buttons for setup and emergency switching, 4 source buttons, 6 talkback selection and mix buttons, menu control knob and set button, front panel lock button.

Elaborazione

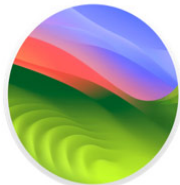
Processing Delay < 10 lines.
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Mixer 28 Channel mixer Selectable On/Off/Audio-Follow-Video. Level and Peak metering. Master gain control. 6 band parametric EQ, Dynamics including Expander, Gate, Compressor and Limiter.	Down Conversion 1 x selectable 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 90 W
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Specifiche fisiche



Installazione

Installazione

2/3 rack unit width, 1 rack unit height.

Optional Accessories

Teranex Mini Rack Shelf

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 1 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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