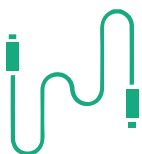# InSync

MCC-8K

Experience exceptional quality frame rate and format conversion on premise and under your control. MCC-8K offers the ultimate in standards conversion, delivering InSync's world-leading image preservation when converting media between formats, frame rates and scan modes. Designed and manufactured by industry specialists, InSync, for FOR-A.

MCC-8K FEATURES

- Live 8K frame rate conversion

- Conversion from 50 to 59.94Hz

- The highest end-to-end conversion quality

- Consistent, clean output frames even in areas of fast motion or repeating detail

- Cutting edge and specialised conversion

BROADCAST ENGINEERING EXCELLENCE
20
YEARS
2003 - 2023

Automatic input and PID detection with pass-through

32 channels of embedded PCM audio

Timecode handling

MCC-8K provides any organisation with revolutionary live 8K frame rate conversion. Integrate the power of world-leading InSync motion compensated conversion directly into your workflow and control via a simple and efficient interface.

MCC-8K is ideal for live frame rate conversion applications, where cutting edge 8K content sourced at a chosen production frame rate needs to be converted to other frame rates for international contribution and distribution.

Perfect for specialised, expert grade conversions for international 8K distribution, the MCC-8K produces smooth motion and crystal clear 8K video content. InSync makes this possible through twenty years of refinement and progress on their patented motion compensated frame rate conversion algorithm.

PRODUCT SPECIFICATION

Video format:
8K (4320p): 50/59.94p

Video input (SDI):
8K Quad Link 12G-SDI: BNC x4

Video output (SDI):
8K Quad Link 12G-SDI: BNC x 4
4K Single Link Down Convert for monitoring purposes

Automatic input detection:
SMPTE ST2082-12 (2SI)
BT.2020 colorimetry

Audio:
Passes 32 channels of PCM embedded audio.
- Audio channel remapping
- Audio tracking delay
- Audio gain control
- Audio tone and silence insertion

Genlock input:
BB: Bi-level or Tri-level sync: 0.3 Vp-p, 75Ω, BNC x 2, loop-through (to be terminated with 75Ω terminator, if unused)
- Lock to external reference with adjustable H/V offset

Motion Compensated Conversion

Control:
Front panel with short-cut keys
Video confidence monitor
Built-in Web control

Interface:
Ethernet: 10/100/1000 BASE-TX
RJ-45 x 1

Temperature / humidity:
0°C to 40°C / 30% to 90% (no condensation)

Power consumption:
100 V AC to 240 V AC / 200 W

Dimensions / weight:
431 (W) x 100 (H) x 410 (D) mm
Approx. 7 kg

Timecode handing

Convert to and from 8K & 4K Formats

World Leading Motion Compensation

Expert-grade hardware

Simple interface and setup