

Four HDMI 2.0 over fiber output card for LivePremier™ series

Ref. ACC-AQL-OUT-HDMI-FBR



ANALOG WAY
Pioneer in Analog, Leader in Digital

Field swappable output card for LivePremier™ series with four HDMI 2.0 over fiber ports



4K60
4:4:4

HDMI
2.0

HDCP
2.2

HDR

HFR
up to
144Hz

OPTICAL
FIBER

Overview

The Analog Way **ACC-AQL-OUT-HDMI-FBR** is a field swappable output card equipped with four fiber optical ports and designed to work with any LivePremier™ live presentation switcher. Each output port can transfer uncompressed HDMI 2.0 class 4K signal with embedded audio to up to 600m (~2000 ft.) or a FullHD signal to up to 2500m (~8200 ft.) over one multimode fiber cable. Each output port supports resolutions up to 4K60 8 bits 4:4:4 or 4K60 10 bits 4:2:2 as well as custom output formats such as 8192x1080@60Hz. The card supports up to 8 embedded audio channels per output and features advanced HDCP 1.4 and 2.2 handshake as well as HDR compatibility.

Key features

- ▶ Four optical fiber output ports (standard SC connectors)
- ▶ Fully compatible with HDMI 2.0
- ▶ Uncompressed video up to 18 Gbps bandwidth per port
- ▶ Field swappable card (not hot swappable)
- ▶ True 4K60 4:4:4 performance on every output port
- ▶ Supports 4K60 output as single, double or quad ports
- ▶ Connector status LEDs for easy troubleshooting
- ▶ HDR compliant with HDR10 and HLG
- ▶ High Frame Rate up to 144Hz
- ▶ Supports up to 8 embedded audio channels per output (PCM)
- ▶ EDID management

Technical Specifications

Four output standard SC connectors

Multimode fiber

Up to 18 Gbps bandwidth per port

8-bit formats up to:

- 4K60 4:4:4
- 2560x1440@144Hz 4:4:4

10-bit formats up to:

- 4K60 4:2:2
- 4K30 4:4:4

Extra-wide custom formats such as 8192x1080@60Hz (8k x 1k) or 1080x8192@60Hz

Long range:

- Up to 2500m (~8200 ft.) in Full HD
- Up to 600m (~2000 ft.) in 4K

Compliant with HDCP 1.4 and HDCP 2.2

Supports BT.709 and BT.2020 color spaces

No additional latency

Compatible with Analog Way's HDMI 2.0 to fiber receiver (ref. EXT-HDMI20-OPT-RX)

Dimensions

- ▶ W 5.10" x H 1.66" x D 5.80"
- ▶ L 129.7 mm x H 42.3 mm x P 147.4 mm

Weight without accessories

- ▶ 0.2 kg / 0.44 lbs

Shipping weight accessories included

- ▶ 0.4 kg / 0.88 lbs

Operating conditions

- ▶ Temperature: 0 to 40°C (32 to 104°F)
- ▶ Humidity: 10% to 80%, non-condensing

Warranty

- ▶ 1-year warranty on parts and labor back to factory
- ▶ Broken connectors are not covered by warranty

Power supply

- ▶ Powered from LivePremier™ switcher

Safety Compliance

- ▶ IEC/UL/EN 62368-1
- ▶ CSA22.2#62368-1
- ▶ (UL Listed E359143)

Specifications subject to change without prior notice

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