

Control card with two DP 1.2 multi-viewer ports for LivePremier™ series

Ref. ACC-AQL-MVR-DP



Field swappable Control card for LivePremier™ series with two DisplayPort 1.2 multiviewer outputs



Gigabit LAN

4K60 4:4:4

DP 1.2

HDCP 2.2

Up to 2 Multi-viewers

Frame-lock + loop

Overview

The Analog Way **ACC-AQL-MVR-DP** is a field swappable card designed to work with any **LivePremier™** live presentation switcher and to be used instead of the standard Control card with HDMI 2.0 multiviewer outputs. Similarly equipped with a gigabit ethernet interface for remote control and a 32GB SSD (Solid-State Drive) to store user configuration, this card contains two DisplayPort 1.2 multiviewer outputs supporting HDCP 1.4 and HDCP2.2. These outputs can be configured as a single 4K60 multiviewer output or two 4K30 multiviewer outputs. Moreover, they can be connected to a DPH104 video processor (ref. DPH104) to feed up to eight Full HD displays. A frame-lock input and its loop through output are available for a perfect synchronization between the inputs and outputs of your LivePremier unit.

Key features

- ▶ LAN interface for remote control
- ▶ Two DisplayPort 1.2 multiviewer output ports
- ▶ Frame-lock input and loop through output with BNC connectors
- ▶ SSD for user configuration storage
- ▶ Field swappable card (not hot swappable)
- ▶ Up to 4K60 4:4:4
- ▶ Supports 1 multiviewer output at 4K60 or 2 multiviewer outputs at 4K30
- ▶ EDID management

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)

Technical Specifications

Control and management

Gigabit ethernet interface with Neutrik etherCON connector
32GB SSD for user configuration storage

Multiviewer

Two DisplayPort 1.2 output ports

1 multiviewer output at 4K60 (+1 duplication) or 2 multiviewer outputs at 4K30

Up to 21.6 Gbps bandwidth per port

- 10-bit formats up to:
- 4K60 4:4:4
 - 4K30 4:4:4
 - 2560x1440@60Hz 4:4:4

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

Compliant with HDCP 1.4 and HDCP 2.2

Supports BT.709 and BT.2020 color spaces

Compatible with DPH104 video processor (ref. DPH104)

Frame-lock

One input with BNC connector

Input impedance: Hi-Z or 75Ω

One loop through output with BNC connector

Support Black Burst and Tri-level Sync