The MAX-FH-12G offers HDMI or adaptive Multimode/Singlemode Fiber to 12G-SDI signal conversion and extension for Media Axis™ systems. The HDMI or Fiber input can be used interchangeably, depending on the distance requirements of the application.

The MAX-FH-12G connects directly to the HDMI output board (MAX-HO) or to the Fiber output board (MAX-FO) of Media Axis™ switchers and has two mirrored 12G-SDI outputs.

### General Specifications

**CONNECTOR TYPES**
- (1) HDMI [Type A Female]
- (1) 1LC Optical Fiber
- (2) BNC [Female]
- (1) 3-pin Phoenix [12V power]

**INPUT SIGNAL TYPES**
- Fiber w/Deep Color, 3D, & 4K
- HDMI 2.0

**OUTPUT SIGNAL TYPES**
- 12G-SDI (2 x mirrored output)

**COMPATIBILITY**
- Compatible w/MAX-HO, MAX-FO, MAX-FT101

**SDI STANDARDS**
- ITU-R BT.656, ITU-R BT.601

**SUPPORTED RESOLUTIONS**
- Singlemode Fiber: up to 1.24 miles (2 km)
- Multimode Fiber: up to 1,650 ft. (500 m)

**SUPPORTED DISTANCE**
- Singlemode Fiber: up to 1.24 miles (2 km)
- Multimode Fiber: up to 1,650 ft. (500 m)

**SDI VIDEO SAMPLING**
- YCbCr 4:2:2

**SDI AUDIO SAMPLING**
- 48KHz, 24-Bit, 8-Channel

**EDID CONTROL PORT**
- 16-position rotary switch

**SOURCE CONTROL PORT**
- Dip switch (HDMI or Fiber)

**POWER SUPPLY**
- DC +12V, AC100-220V

**OPERATING TEMPERATURE**
- 4°F ~ 158°F (-20°C ~ 70°C)

**OPERATING HUMIDITY**
- 10% ~ 80%

**PRODUCT WEIGHT**
- 1.5 lbs. (0.68 kg)