

MAX-FH-12G

Fiber/HDMI 2.0 to 12G-SDI Extender - Receiver

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

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| 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 | SMPTE 295M, SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M Level A, SMPTE 2081-1, SMPTE 2018-10, SMPTE 2082-10 ITU-R BT.656, ITE-R BT.601 |
| SUPPORTED RESOLUTIONS | 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60 |
| 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) |