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# Fiber Extender



## Description

1. HDMI:
  - 1) Support resolution up to 4k\*2k 30Hz;
  - 2) OM3 MMF fiber transmission up to 300m.
  - 3) Single-mode fiber transmission distance to 2000 meters
2. Audio :
  - 1) Frequency response: 20Hz-20kHz;
  - 2) Input impedance: 1K Ohm;
  - 3) Output impedance: 0.1 Ohm;
  - 4) Three-pin Phoenix terminal interface;
  - 5) Forward transmission from transmitter to receiver;
  - 6) Audio sampling rate is 48 kHz.
3. Transmission distance:

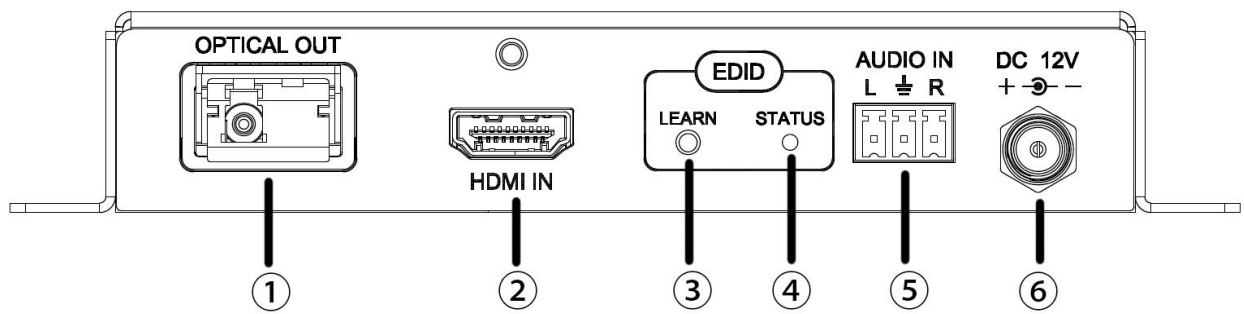
LHDMI-E401-RS can transmit signals through a multi-mode OM3 fiber or a single-mode fiber. The fiber interface is LC.

With the single-mode optical fiber, the transmission distance can reach 2km (6560ft)

With the multi-mode OM3 optical fiber.the transmission distance can reach 300m (1640ft)

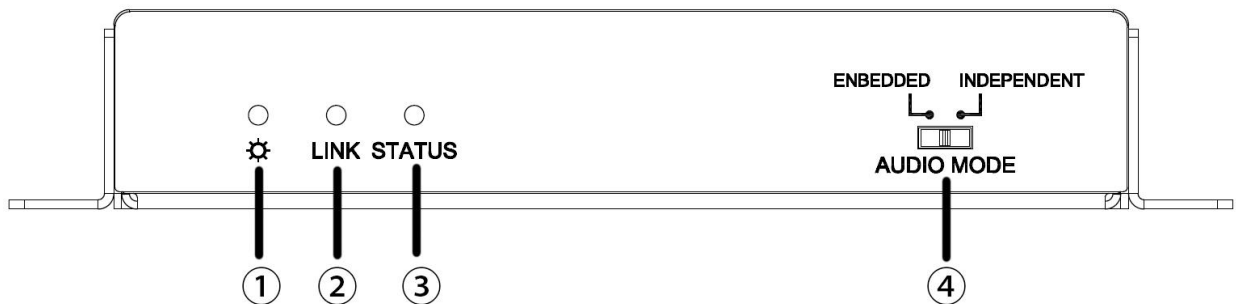
Above extend methods both support audio embedding and de-embedding.

## Transmitter Rear Panel



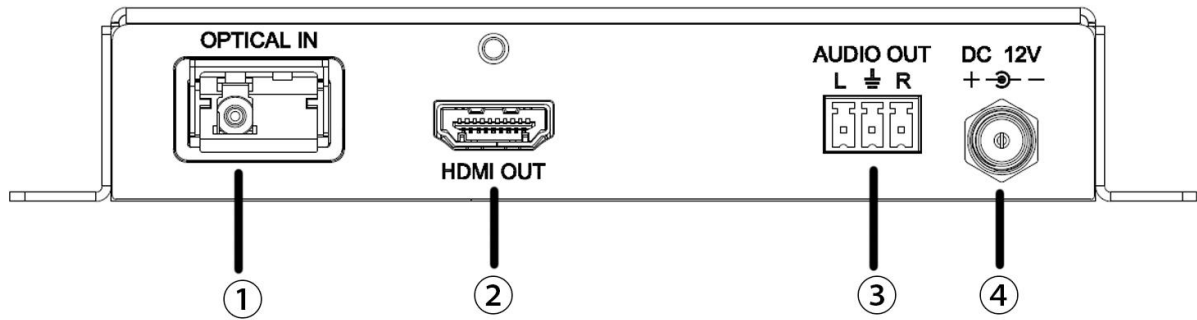
- ① LC optical output
- ② HDMI input interface
- ③ EDID learning button
- ④ EDID status indicator
- ⑤ Analog audio input interface
- ⑥ DC12V power interface

## Transmitter Front Panel



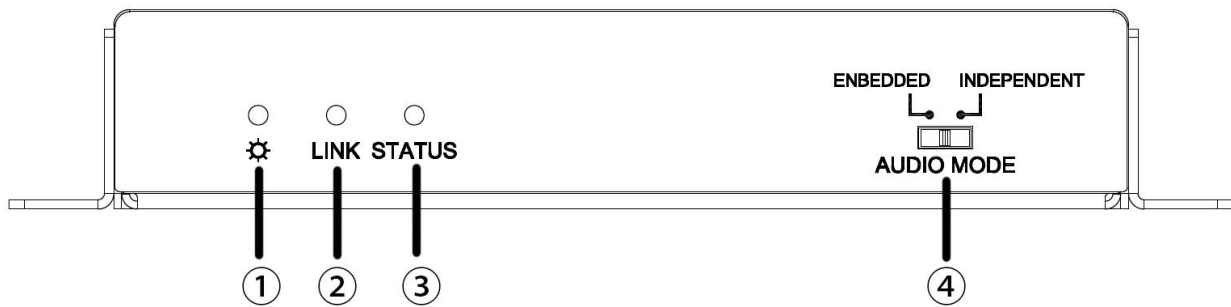
- ① Power status indicator LED
- ② Link status indicator LED
- ③ LED for working status indication
- ④ Audio add / drop embedded DIP switch

## Receiver rear panel



- ① LC optical input interface
- ② HDMI output interface
- ③ Analog audio output interface
- ④ DC12V power interface

### Receiver front panel



- ① Power status indicator LED;
- ② Link status indicator LED;
- ③ LED for working status indication;
- ④ Audio de-embedded and embedded DIP switch