

RB-AUDIO-02

2 channels balanced XLR audio to fiber optic converter/extender

The XLR audio fiber extender kit sends balanced line level XLR audio over a single fiber cable. The system is made of a transmitter unit and a receiver unit that support 16-bit digitally encoded broadcast audio for use on singlemode or multimode optical fiber. This solution can transmit a broadcast quality audio signal up 12.5 miles on singlemode fiber (9/125um) or up to 2Km over multimode fiber (62.5/125 or 50/125um core).

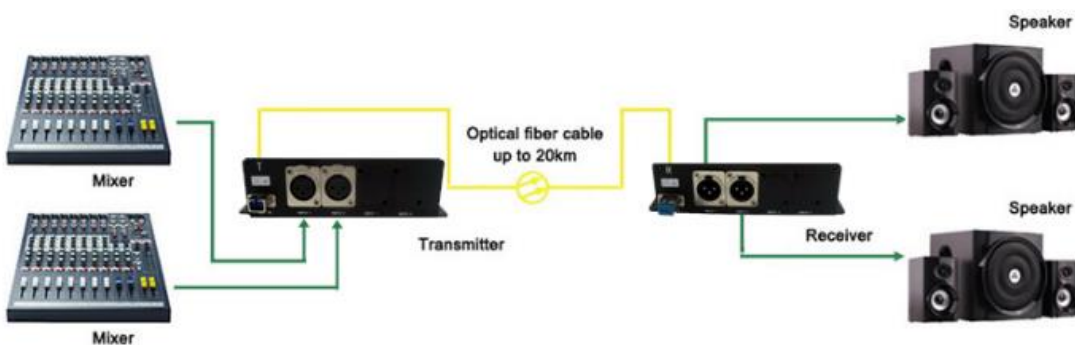
Features

- Balanced audio input at the transmitter side (XLR Female)
- Balanced audio output at the receiver side (XLR Male)
- 1x SC optical connector (1310/1550nm BiDi)
- Transport 2 XLR audio channels over one fiber strand
- Support Frequency Response from 10 Hz to 20kHz @±3dB.
- Power and Fiber Link LED indicators.

Technical Specifications

- Connectors : XLR audio and SC/PC, simplex for fiber
- S/N: >90db
- Distortion: <0.05%
- Audio Level: 16dBu
- Impedance In(bal): 600 Ohms+
- Impedance Out(bal): <10 Ohms+
- Power Supply: AC85-260V/DC 12V/1A (included AC adapter)
- Power Consumption: <5W
- Operating Temperature: 0-55°C; Hum.: 0-95% (no cold condensation)

Application Diagram



Ordering Information

RB-AUDIO-02S-T/R	2x XLR balanced audio fiber extender over SMF, 20Km, single SC conn.
RB-AUDIO-02M-T/R	2x XLR balanced audio fiber extender over MMF, 2Km, single SC conn.