

RB-AUDIO02

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 supports 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 1Km over multimode fiber (62.5/125 or 50/125um core).

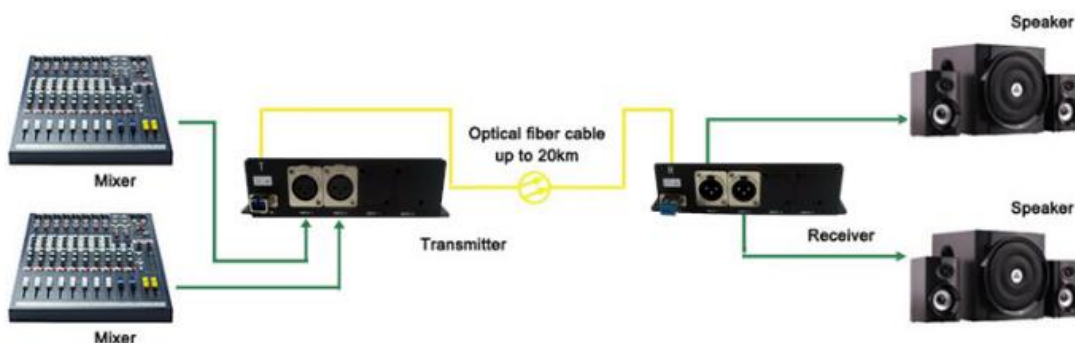
Features

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 @ ± 3 dB.
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-AUDIO02-T/R	2x XLR balanced audio fiber extender over SMF 20Km or MMF 1Km reach, single SC conn.
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