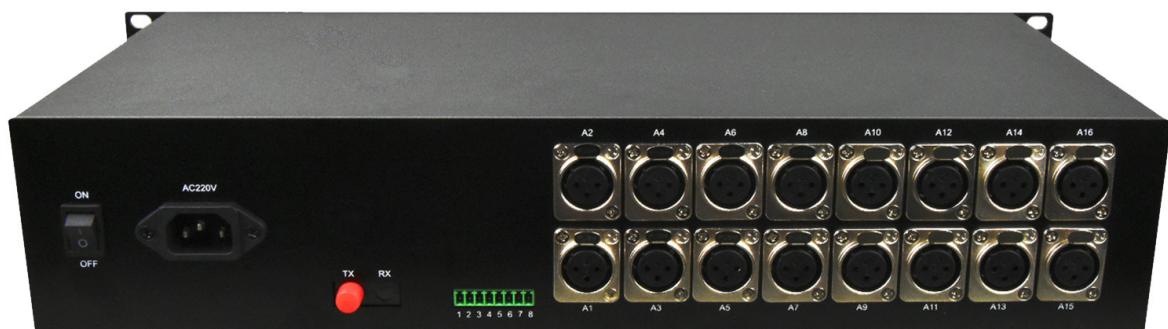


1~16 XLR Broadcast audio fiber Multiplexer

1-16 Channel audio Digital Optical, 24bits sampling precision, 128KHz sampling, XLR audio interface.





Model: LNK-A16K Series

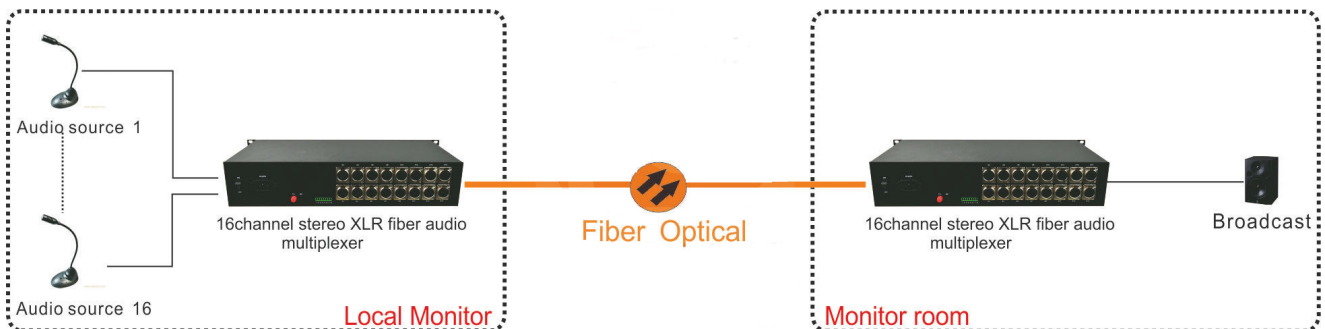
Overview

1-16 integrated multiplexing audio optical transmitter / receiver using digital coding technology, audio interface XLR (XLR), can be audio signals, data signals, switch signals and Ethernet signals through a single-mode fiber achieve long-distance two-way transmission, the maximum signal can be transmitted without distortion-free relay 100Km. Audio interface with 24Bit AD / DA, 128KHz sampling, studio-level transmission quality. The fiber audio multiplexer is composed of optical transmitter and optical receiver, can be Set to 8 channel bi-directional audio and 16 channel unidirection audio.

Features

- All-digital fiber optic transmission platform, multi-service platform with flexible configuration
- Audio interface XLR balanced XLR interface, audio power supply for the high-power toroidal transformer, + - 18V power supply, high dynamic range;
- Provide ordinary desktop mini-desktop, centralized card rack in various ways
- Data interface and audio interface provides three mine-protected, through the ITU-T K.21 (10/700 μ S), common mode: 6KV, impedance (40 Ω) test
- Single fiber transmission, optional dual fiber
- Can receive no light is detected, the remote device is a power failure or fiber cut
- Audio using 24Bit AD / DA, 128KHz sampling, studio-grade transmission quality
- Provides bi-directional asynchronous data (forward and reverse)
- Asynchronous data transfer rate than 110-115.200Kbps
- Asynchronous data for RS232 / RS485 / RS422 / Manchester code.

Application



Technical Indexes

Fiber	Number of Fiber Ports: 2 Optical Wavelength: 850nm/1310nm for multi- mode optical 1310nm/1550nm for single-mode optical interface Fiber Core: Single/Dual fiber core Connector: FC/SC/ST/LC(SFP) Distance : 20km-120km Typical output power:
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	<p>single mode 1310/1550nm: >-9dBm multi-mode 850nm:>-18dBm multi-mode 1310nm:>-25dBm Receiver Sensitivity: -28dBm~- 40dBm</p>
Audio	<p>Signal level: 0.5-4Vp-p Input / output impedance: 600Ω (unbalanced or balanced) AD / DA-bit wide: 24Bit Sampling frequency: 128KHz Bandwidth: 20Hz-20KHz Total harmonic distortion: <1% Noise ratio (SNR): > 85dB Connecting terminal: XLR (XLR) balanced interface</p>
Working environment	<p>Working temperature: -10°C ~ 50°C Working Humidity: 5%~95 % (no condensation) Storage temperature: -40°C ~ 80°C Storage Humidity: 5%~95 % (no condensation) MTBF: > 100,000 hours</p>

Ordering Information

Model	Description
20103165	1 channel audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103166	2 channel audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103167	2 channel bidirectional audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103168	4 channel audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103169	4 channel bidirectional audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103170	8 channel audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*45 19 INCH 1U
20103171	16 channel audio Digital Optical, 24bits sampling, sampling precision 128K, XLR audio 1 FC SM 20KM Power Input:AC220V or DC-48V L*W*H=440*202*90 19 INCH 2U