

MEDIA CONVERTER SYSTEM PRODUCTS

Audio to Fiber Converter



FEATURE

- 16-Bit (24-Bit) Digitally Encoded Audio
- Support Point-to-Point or Daisy-Chain connection
- Single-Mode Fiber optic transmit up to 20km without Optical Attenuation
- No EMI, RFI, Cross Talk or Video Distortion and no ground loops
- LED Indicators for Instant System Monitoring
- Plug and play, easy installation.
- Good ventilation, good heat dissipation
- Standalone or Rack Mount in 4U Chassis
- Produce according to customer's specifications, providing OEM

APPLICABLE ENVIRONMENT

- Intercom System
- Public Broadcasting System
- Intelligent Traffic Monitoring System (ITS)
- Security system
- TV medical care
- Remote multimedia teaching campus monitoring
- TV and telephone conference
- Long-distance radio and television transmission system
- Building control system



1 CH



2 CH



4 CH



8 CH

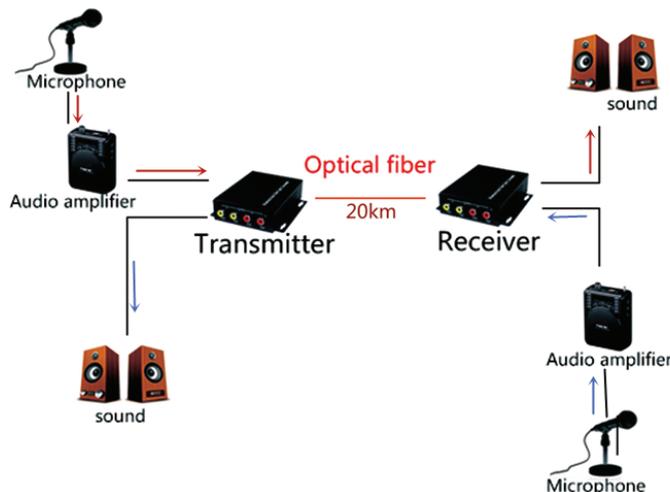


16 CH

OVERVIEW

1-16CH bidirectional Audio (RCA) To Fiber Converter support 1-8 channels bidirectional Audio (RCA) over single-mode fiber optic, working distance up to 20Km. It can be transmitted at real-time synchronization, no distortion. Adopt all-digital uncompressed transmission technology, To ensure high-quality signal transmission. You can visually detect power, SNYC (fiber) light signals, audio signals on the state of the panel. MTBF (Mean Time Between Failure) is more than 100,000 hours ,Reliable quality.

TOPOLOGICAL GRAPH



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SPECIFICATIONS

Description	Broadcast audio fiber converter
Connector	RCA
Audio maximum input voltage	2.0Vp-p
Frequency response	20HZ-20KHZ
Audio sample rate	48KHZ
Audio signal ratio	SNR≥88dB
Input Impedance	600 ohm47K (balanceunbalance)
Output Impedance	600 ohm10K (balanceunbalance)
Fiber type/ transmission distance	FC/UPC Single mode single fiber 20KM
working environment	Operating temperature: -30 °C ~ +75 °C Storage temperature: -40 °C ~ +85 °C Relative humidity: 0 ~ 95% (no condensation)
Power Adapter 1-8 CH	External power adapter (input AC100-240V 50/60Hz; output 12V 1A)
Power Adapter 16 CH	External power adapter (input AC100-240V 50/60Hz; output 12V 2A)

ORDER INFOMATION

PRODUCT	PART NUMBER
1 CH Audio, RCA, SM, WDM, 20Km, FC	MC-A-1AVT/R-F9-20
2 CH Audio, RCA, SM, WDM, 20Km, FC	MC-A-2AVT/R-F9-20
4 CH Audio, RCA, SM, WDM, 20Km, FC	MC-A-4AVT/R-F9-20
8 CH Audio, RCA, SM, WDM, 20Km, FC	MC-A-8AVT/R-F9-20
16 CH Audio, RCA, SM, WDM, 20Km, FC	MC-A-16AVT/R-F9-20