Fiber Optic Audio Link

Models 2237-T and 2237-R provide one-way stereo audio over a single fiber. Typical applications include paging systems, music distribution, and control with audio tones.

The 2237-T has 1/8” (3.5mm) microphone input and stereo line level phono jack inputs. The 2237-T digitizes the audio input into 16-bit samples at 48KHz rate. The microphone input is copied to both channels, the two line inputs remain in respective channels. The digitized stereo audio is transmitted across a single fiber and received at the 2237-R. The 2237-R converts the digitized audio back to analog. The 2237-R has 1/8” headphone jack, line level phono jacks, and speaker phono jacks.

The 2237-T has volume adjustment to maximize the use of the digitized channel. The 2237-R has optical signal loss LED. Both the 2237-T and 2237-R have mute buttons.

Several 2237-R units can be connected to a single 2237-T with the use of a fiber splitter, S.I.Tech Model 9024.

Specifications subject to change without notice.

Typical applications include paging systems, music distribution, and control with audio tones.


Operating Temperature: 0°C to 50°C

Input Power: 110 VAC 50/60 Hz, Optional 230 VAC, Optional 12-24 VDC

Metal Enclosure: 7.375” X 7.625” X 1.875” (18.7 X 19.4 X 4.8 cm)

Weight: 2lbs. (1 kg)

S.I.Tech 2237 T

S.I.Tech 2237 R

Audio Pair

Fiber Optic Cable

APPLICATION EXAMPLES


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