

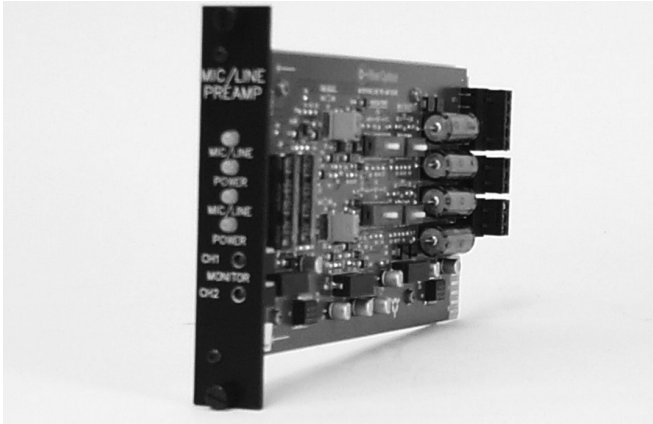


GE Interlogix Fiber Options

1300B-T



Dual Two-Channel Audio Mixer



Product Specification

Features

- ✓ Four Audio Inputs, Two Mixed Outputs
- ✓ 20 Hz to 20 kHz Audio Bandwidth per Channel
- ✓ Audio Input/Output up to +12 dBu
- ✓ Balanced 600-ohm Impedance
- ✓ Signal-to-Noise Ratio -100 dBu typical
- ✓ Total Harmonic Distortion 0.005% typical
- ✓ Interfaces to Standard Fiber Equipment
- ✓ Individual Input/Output Gain Adjustment
- ✓ SMARTS™ Diagnostics
- ✓ Forever Warranty™

Description

Fiber Options series 1300B-T provides two high quality audio mixers. The 1300B-T can be configured for either two- or four-channel mixing, providing either a four channel mixer with two outputs or dual two-channel mixers. All input channels and mixer outputs have gain adjustment capability from OFF to +20 dB.

Superior noise performance combined with maximum user flexibility makes the 1300B-T an ideal choice for any high quality audio mixing requirements. The 1300B-T makes this an effective solution for the transmission of mixed audio via fiber when used in conjunction with the B722A two-channel audio transmission system.

SMARTS™ (Status Monitoring And Reliability Test System) diagnostic technology provides built-in system performance analysis that includes LED displays that provide for monitoring of mixer operation.

Basic Model Description

1300B-T Dual 2-Channel Audio Mixer

DUAL TWO-CHANNEL MIXER SYSTEM DIAGRAM



FOUR-CHANNEL MIXER SYSTEM DIAGRAM



SERIES 1300B-T

AUDIO

Number of Channels: 4, simplex
Input Signal Level: +12 dBu max.
Input Impedance: 600 Ω (balanced or unbalanced)
Frequency Response: 20 Hz to 20 kHz
Output Signal Level: +12 dBu max.
Output Impedance: 600 Ω balanced
Signal-to-Noise Ratio: -100 dBu
THD: 0.005%
Channel Crosstalk: -100 dB typical
Channel Gain:
 Microphone Mode: +4 dB to +70 dB
 Line Mode: -6 dB to +24 dB

ELECTRICAL

Input Voltage: 13.5 - 16 VDC
Current Requirement: 500 mA
Rack Module
 Power Factor: 4
Power Consumption: 7 W
Protection: Solid-state short-circuit protection (no fuse required)
Card Replacement: Cards are hot swappable
Power Supply: 613P

ENVIRONMENTAL

Temperature Range
 in Operation: -40° to +167° F (-40° to +75° C)
 in Storage: -40° to +185° F (-40° to +85° C)
Humidity Range in Operation and Storage:
 0 to 95% relative, noncondensing

MECHANICAL

Module Width: 1 slot, 1.0 in. (25.4 mm)
Weight: 0.25 lb (0.11 kg)
Construction: Aluminum
Finish: Black semigloss paint

SMARTS™ INDICATORS

Mode Select, Power, Line or Microphone

AGENCY COMPLIANCE AND MTBF

Emissions: FCC Part 15, ICES-003, AS/NZS 3548, EN55022
Immunity: ENV50204, EN61000-4-2,3,4,5,6,11
Safety: UL1950, CAN/CSA 22.2, NO.950-95
MTBF: >100,000 hours

FCC PART 15
COMPLIANT



For additional information about this product, refer to the Fiber Options Web site at www.fiberoptions.com.