

Bi-Directional Fiber Optic MIDI Extender

MIDI-2001

For MIDI Sound and Lighting Applications

The MIDI-2001 system consists of two MIDI-2001 transceivers. This system will transmit all standard MIDI 1.0 data signals well beyond the specified 50 foot (15 meter) limit without signal loss or interference.



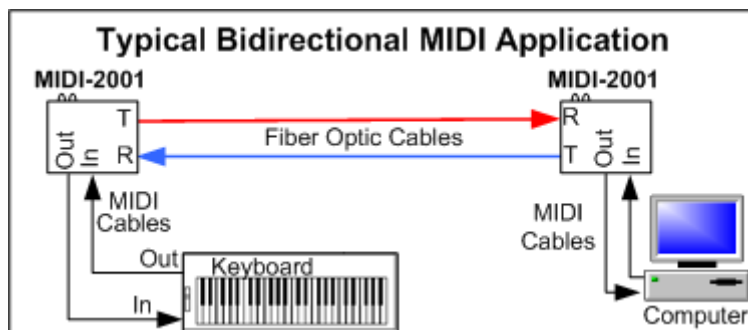
Technical Specifications

Important Features

Bandwidth	DC – 1.0 Mb/s (Includes 31.25 Kbaud)
Protocol supported	MIDI 1.0 (all formats)
Rise / Fall Time	Less than 100 nanoseconds
Bit-error Rate	1 x 10 ⁻⁹ (worse case)
Signal Connectors	5 pin 180° DIN
Input Isolation	Optical Isolation 10 KV/us
Output Drive	25mA maximum (5 times MIDI 1.0)
Operating Wavelength	850(-1),1310(-3,-7),1550 (-9)
Optical Loss Budget	0 – 10 dB
Optical Connectors	Multi mode fiber models (-1, -3) ST/PC Single mode fiber models (-7, -9) FC/PC
Temperature Range	-35° to +75° C
Power Requirements	11-24 VAC/DC @ 160 mA
Physical Size (mm)	5.0" (127) L x 1.0" (25.4) W x 3.0" (7) D

- **Signal/Power Indicators**
- **Multimode or Single-mode fiber versions**
- **Stand-alone or Rack Mountable (same unit)**

All specifications are subject to change without prior notice.



Ordering Information

MIDI-2001-x

"X" = Wavelength/Fiber

- 1 = 850nm Multimode
- 3 = 1310nm Multimode
- 7 = 1310nm Single-mode
- 9 = 1550nm Single-mode

*For stand-alone operation order a PS-1205 power supply for each unit. For rack mounted operation all operating power is provided by power supply used with the rack-mounting panel.

Liteway[®]
Fiber Optic Transmission Systems

www.Liteway.com
USA 516-931-2800