



MODEL LX-24M

DIGITAL AUDIO ADAPTER

SPECIFICATIONS

AUDIO INPUT

Balanced Line (Qty=2)

Recording Level + 4 dBU nom./+24 dBU max. (20 dB headroom)
Input Impedance 24K ohms
Connection 25 pin male D -connector

Unbalanced Line

Recording Level -10 dBV nom./+10 dBV max.
Input Impedance 12K ohms
Connection 25 pin male D -connector

AUDIO OUTPUT

Balanced Line (Qty=4)

Drive Level + 4 dBU nom./+24 dBU max. (20 dB headroom)
Output Impedance 100 ohms
Load Impedance 600 ohms or greater
Connection 25 pin male D -connector

Unbalanced Line

Drive Level -10 dBV nom./+10 dBV max.
Output Impedance 50 ohms
Load Impedance 600 ohms or greater
Connection 25 pin male D -connector

ANALOG SIGNAL QUALITY

Measurement Conditions . . 48 kHz sample rate, - 0.5 dB full scale signal amplitude,
20 to 20 kHz using an Audio Precision Portable One Plus
A/D Conversion 20-bit, oversampling sigma delta
D/A Conversion 20-bit, oversampling sigma delta
Dynamic Range 96 dB typical/92 dB minimum from 20 to 20 kHz, input or output,
A-weighted
THD+N 0.003% typical, 0.005% maximum @ 1 kHz, input or output,
A-weighted
Frequency Response 20 to 20kHz, + _ 0.5 dB, input to output
Sample Rates Variable from 6.25 kHz to 50 kHz
Crosstalk -88 dB @ 1 kHz, input to output

SIGNAL PROCESSOR

Type 60 MHz TMS320C31 32-bit floating -point DSP
Tasks Real-time digital mixing & movement, PC messaging,
system resource control
Interface DSP program/data buffer
Data Path Memory -mapped buffers for audio data & messaging
Tracks 3 stereo to/ from disk

GENERAL

Size 7.2L x 3.74H inches
Weight 7 oz.
Operating Temp 0°C to 70 °C
Power 1A @ +5V, 300 mA @ +12 V, 70 mA @ -12V

OPTIONS

Cable Assembly 12" XLR fitted cable set (P/N 210 - 0412)
MPEG Editor "FastEdit" digital audio waveform editor

MINIMUM SYSTEM REQUIREMENTS:

- ▶ IBM-compatible personal computer with PCI interface bus
- ▶ Pentium 120 or equivalent
- ▶ 16 MB of RAM - 32 MB suggested
- ▶ 1 G hard disk drive
- ▶ SVGA display
- ▶ Windows 95/98/NT 4.0



MADE IN U.S.A.



1125 West 190th Street
Gardena, California 90248
310/532-3092 • 800/338-4231
FAX 310/532-8509

e-mail: info@antex.com
web: http://www.antex.com