MODEL LX-44
DIGITAL AUDIO ADAPTER

SPECIFICATIONS

AUDIO INPUT

Balanced Line (Qty=4)

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	40 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	4 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 breakout assembly (P/N 210 - 0382)
Breakout Box	Model BBX-1 19" rack mount with 10 ft. XLR cables

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 98/NT 4.0

I.S. EN ISO 9001

MADE IN U .SA.

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