



Digilyzer DL1

Technical Specification

dated Oct 2003

Frame Consumer / Professional, up to 24 bit,
Sampling Frequency $f_s = 32 - 96$ kHz,
Also supports: Interleaved 96 kHz mode on
all inputs (single channel double sampling
frequency mode)

Measurements

Signal Level-FS, Level-RMS, Signal Frequency,
THD+N (down to -100dB or 0.001%), Scope,
Frequency Sweep, VU+PPM,
Event Logger, Overload Detection

Carrier Sampling Frequency (accuracy ± 2.5 ppm),
Carrier Level, Error Indicator Box

Frame Channel Status according to AES 3
(edition 1999) and IEC 60958-3,
Bit Statistics, Consistency Check

Event Logger

Recording Resolution selectable 1", 10", 1', 10', 1h
Recording Duration 8', 83', 8h, 83h, 20days
Display ? t 1", 10", 1', 10', 1h, 10h, 24h, all
Recording Intervals max. 500
Single Errors in one
recording interval 10 - 36 000

Input Connectors

AES3 (110 Ohm) XLR, S/PDIF (RCA),
TOS-Link, ADAT,
AES3id (75 Ohm) using optional adapter,
phantom power resistant

Monitor Built-in speaker, headphone connector

Display Backlit graphic LCD

Power Supply - 3x AA size dry batteries (alkaline),
typical lifetime 8 hours
- External DC power, 7.5 VDC, 500 mA,
stabilized, use NTI recommended parts only

Dimensions (L x W x H)
163 x 86 x 42 mm (6.4" x 3.38" x 1.63")

Weight 300 g (10.5 oz) incl. batteries

Temperature 0° to +45° C (32° to 113° F)

Humidity < 90 % R.H., non condensing



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