NTI - Digilyzer DL1

1.399,00 € tax included

Reference: NTDL1

NTI - DIGILYZER DL1

The Digilyzer DL1 is a powerful digital audio analyzer. Testing, monitoring and troubleshooting digital audio interfaces is straight-forward using this compact tool. The digital audio formats AES3, S/PDIF, TOSLINK and ADAT with sampling frequencies up to 96 kHz are supported.

Channel Status

The complete channel status information is displayed in an easy-to-understand plain text format, according to the latest standards. Carrier frequency and level is available on all main screens.

Bit Statistics

Measuring the audio resolution, finding stuck-bit failures and monitoring the activity of the user data bit are some important applications of the bit statistics function. Basic channel status information is visible on the bottom line.

Event Logger

Intermittent faults are usually hard to find. The event logger tracks every change of the input signal (carrier, channel status or audio related) and allows long term checking and highlighting of possible problems

Integry Check

When receiving incorrect Channel Status information the behavior of a device could be unpredictable. The Integrity Check compares measured parameters with the indicated status and warns if any discrepancies are found.

Audio Monitoring

When receiving incorrect Channel Status information the behavior of a device could be unpredictable. The Integrity Check compares measured parameters with the indicated status and warns if any discrepancies are found.

Scope

The auto trigger and auto ranging scope gives a detailed view of the input audio signal in the time domain. The scope visualizes DC offset problems, polarity issues and is ideal for understanding sampling peculiarities.

THD+N, Level, Frequency

Beside Level Peak measurements, the DL1 is equipped with RMS measurement techniques including THD+N and high pass filters, allowing easy verification and debugging of dual domain devices like AD converters

Frequency Sweep

The DL1 automatically triggers to a sweep sequence with any step width and records the frequency response. Any stepped sweep may be used as signal source. After capture all sweep data is available

vu/PPM

The combined vu + PPM meter (vu = volume unit) with numerical maximum hold and over indicators helps identifying leveling problems and clipping. Reference grade performance with up to 40 screen updates per second