10. Technical Data

Format	Consumer/Professional, up to 24 bit audio
Sampling Frequencies / Outputs	XLR, RCA: 32, 44.1, 48, 88.2, 96, 176.4, 192 kHz Optical: up to 96 kHz ADAT: up to 48 kHz Accuracy: ± 2.5 ppm
Outputs	• AES3 (110 ohms) XLR • S/PDIF (75 ohms) RCA • AES3id (75 ohms) with RCA to BNC adapter • TOSLINK: Stereo and ADAT
Inputs	XLR Sync. input for: • AES3, DARS • Video (NTSC, PAL) • Word Clock using BNC to XLR adapter
Linear PCM Signals	Sine, Polarity Test Signal, Delay Test Signal, Pink Noise (crest factor = 4.42), White Noise (crest factor = 3.47), Playback of Wave Files
Non-linear multi-channel signals	A comprehensive library of pre-encoded surround sound signals is available in the following formats: • Dolby Digital • DTS • Dolby E • Dolby ProLogic II
Wave File Format	Sampling frequency: 48 kHz Resolution: 16, 20, 24 Bit, Mono + Stereo
Frequency Settings	Range: 10 Hz - 20 kHz Step width: min 1 digit steps Accuracy: 0.01%

Stepped Sweep Function	Frequency range: selectable, 10 Hz - 20 kHz Step width: 1/1, 1/3, 1/6, 1/12 octave Sweep speed: selectable, 0.5 - 5 s / step
Gliding Sweep (Chirp) Function	Frequency range: selectable, 20 Hz - 20 kHz Increment: linear / logarithmic Chirp speed: 1.0 - 39 seconds per sweep
Level Units	dBFS, %
Output Level Range	-100 dBFS to 0 dBFS
Distortion THD+N	of the synthesized sine signal: -138 dB (22 Hz - 22 kHz, AVG, @ 1 kHz, typical)
USB Functionality	• for firmware update • mass storage device
Flash Memory	• 512 MByte • for storing wave files and configurations
Display	Graphical, with back illumination
Auto-Power-Off	10, 30, 60 minutes or OFF
Batteries	• 3 x AA Alkaline dry cells or rechargeable equivalents • Battery life typ. 10 hours (continuous)
Temperature Range	0° to 45° C (32° to 113° F)
Humidity	< 90% rel. humidity, non-condensing
Protection Rating	IP51
Dimensions (LxWxH)	152 x 81 x 43 mm (incl. protective shock jacket)
Weight	310 g (11 oz.) incl. batteries