Technical data

AMI	
Inputs	1 x Microphone input 1 x Line input
Microphone input specification	
Frequency response	12 Hz - 44 kHz (+/-1 dB)
Dynamic range	95 dB (A-weighted)
Input sensitivity	5 - 200 mV
Phantom power	Yes (24 Volts)
Line input specification	
Frequency response	8 Hz - 44 kHz (+/-1 dB)
Dynamic range	101 dB (A-weighted)
Input sensitivity	max. 1 V / max. 40 V
Input impedance	10 kOhms
Outputs	2 x Line output 1 x Optical output (SPDIF)
Line output specification	
Frequency response	7 Hz - 44 kHz (+/-1 dB)
Dynamic range	100 dB (A-weighted)
Maximum output voltage	900 mV (RMS)
Minimum load	5 kOhms
Loopback function	Yes
General specification	
Audio sampling rate	96 kHz / 32 Bit
USB power consumption	max. 250 mA
Supported operating systems	Windows, macOS, iOS and Android
Microphone	
Transducer principle	Condenser (back-electret)
Operating principle	Pressure receiver
Frequency response	20 – 20,000 Hz (50 – 16,000 Hz ± 1.5 dB), diffuse-field equalized
Polar pattern	Omnidirectional
Sensitivity (0 dB = 1 V/Pa)	15 mV/Pa (= -36.5 dBV) ± 1 dB
Nominal impedance	160 Ω
Nominal load impedance	≥ 2.2 kΩ
Maximum SPL (Sound Pressure Level)	122 dBSPL at f = 1 kHz, k = 1%, RL = 2.2 kΩ
Signal-to-noise ratio (related to 1 Pa)	> 57 dB
A-weighted equivalent noise level	Approx. 26 dB(A)
Power supply	12 – 48 V phantom power
Current consumption	Approx. 1.9 mA
Output	Electronically balanced