

Technical data	
Interface	Wireless Bluetooth data transfer to PC, version 2.0, + EDR, class 2 (10 meters/33ft).
Frequency resolution	1/24 octave or 1/3 octave, in 4 channels
Intensity accuracy:	± 3 dB
Measurement intensity range:	Probe microphone 40 - 130 dB SPL
Probe microphone:	Intensity: 40 - 130 dB
Reference microphone:	Intensity: 40 - 110 dB
Dynamic range:	> 80 dB
Calibration data:	Stored electronically inside the probe
Battery types:	Rechargeable, Ni-MH, AA (R6) 1.2V, 1 pc.(Use only rechargeable batteries supplied by Natus). Can also be used with Alkaline AA (R6) 1.5V, 1 pc.
Estimated typical battery operating runtime:	5 hours of continuous use.
Probe Microphone Measurements module	
Stimuli:	Integrated custom stimuli, Pink Noise, White Noise, Speech ANSI, ISTS, ICRA, Rainbow Passage, Tone Sweep, FreeStyle sound library with favorites list, live, recorded signals, recordings, CD material (wav, mp3).
Tests available:	REUR, REUG, REOR, REOG, REAR, REAG, REIG, Noise Reduction, RECD, Dynamic REM, FreeStyle.
Counseling and Simulations module	
Functions:	Hearing Loss Simulator, Hearing Instrument Simulator, Speech Mapping, Predicted Aided Audiogram.
Stimuli:	Sound library, live, recorded signals, CD material (wav, mp3).
Integrated AURICAL configuration	
AURICAL Speaker (optional)	
Dimensions and weight:	Approx. 375 x 285 x 145 mm (14.8 x 11.2 x 5.7 inches), 1.5 kg (3.3 lb)
Input	RCA phone optimized for 8 Ω speaker
Aurical® Aud Power supply	
MeanWell MESS0A-6P1J, 50W	Output: 24 V, 2.08 A; Input: 100-240 V AC, 50/60 Hz, 1.5 - 0.8 A
Power consumption	< 60 VA
Built-in Hi-Pro 2 (optional)	
Hearing instrument connection:	2 x 6-pin mini-DIN sockets
Safety:	IEC 60601-1:2005/A1:2012 (Edition 3.1) IEC 60601-1 (2nd Edition) Class 1, Type BF.
EMC:	IEC 60601-1-2:2014, EN 60601-1-2:2015, and IEC 60601-1-2 (2nd Edition) IEC 60601-1-2:2007 and EN 60601-1-2:2007
Charger unit	
Inductive charger unit	
Nominal input voltage:	9 V DC
Max. power consumption while charging:	300 mA (at 9 V input voltage)
Power supply: BRIDGEPOWER CORP, MENB1010A0903B01	Input voltage: 100-240 V AC, 50-60 Hz Output voltage: 9 V DC, 1.10 A
Power supply: DONGGUAN SHILONG FUHUA ELECTRONIC CO., LTD., UE08WCP-090056SPA	Input voltage: 100-240 V AC, 50-60 Hz Output voltage: 9 V DC, 0.56 A
Power supply: DONGGUAN SHILONG FUHUA ELECTRONIC CO., LTD., UES06WNCP-090060SPA	Input voltage: 100-240 V AC, 50-60 Hz Output voltage: 9 V DC, 0.6 A
Use only the power supply provided with the device.	
General	
Operating environment	
Mode of operation:	Continuous.
Temperature:	+15°C to +35°C (59°F to +95°F)
Relative humidity:	20% to 90%, non-condensing
Atmospheric pressure:	70 kPa to 106 kPa
Storage and handling	
Temperature:	-30°C to +60°C (-22°F to +140°F)
Rel. humidity:	10% to 90% (non-condensing)
Atmospheric pressure:	50 kPa to 106 kPa
Dimensions	
AURICAL FreeFit (HxWxD):	23 mm x 350 mm x 230 mm (0.91 x 13.7 x 9.1 inches)
Charger unit (HxWxD):	280 mm x 180 mm x 230 mm (11.4 x 7.1 x 9.1 inches) (with table plate mounted) 340 mm x 180 mm x 230 mm (13.8 x 7.1 x 9.1 inches) (with wall plate mounted)
Weight	
AURICAL FreeFit:	0.180 kg/0.40 lb
Charger unit:	0.700 kg/1.54 lb
Standards	
Real Ear Measurement:	EN 61669:2016 excluding Clause 6.5
Safety:	IEC 60601-1:2005+A1:2012, Internally Powered, Type BF, IPX0 EN 60601-1:2006+A1:2013, Internally Powered, Type BF, IPX0 ANSI/AAMI ES60601-1:2005 + A1:2012 CAN/CSA-C22.2 NO. 60601-1:14
EMC:	IEC 60601-1-2:2014 and EN 60601-1-2:2015 IEC 60601-1-2:2007 and EN 60601-1-2:2007
Radio Equipment:	ETSI EN 300 328 V2.1.1 (2016)
Accessories	
Standard accessories and optional accessories may vary from country to country - please consult your local distributor.	
System requirements	
For system requirements, please refer to the Otosuite data sheet.	

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