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Technical Data

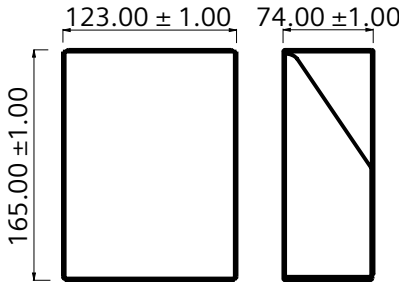
easyTek



Data Sheet

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easyTek specifications	
Size	49 mm diameter + 12 mm thickness
Weight	23 g
USB connection	Micro USB type B; USB 2.0 (full speed) for programming by hearing care professional only
Status indication	Power, streaming and status LEDs
Audio input signal level	1 V _{pp} (max)
RoHS	Yes
Operation time	
Bluetooth Audio streaming: A2DP (media audio, Transmitter or VoiceLink) HFP/HSP (phone audio)	6 hours
Wired Audio streaming (Direct Audio Input FM-receiver, Line-In)	10 hours
Standby	5 days
Turned off	6 months
Packaging	
Size (in millimeters)	 <p>Technical drawing showing dimensions: 123.00 ± 1.00 mm (width), 74.00 ± 1.00 mm (height), and 165.00 ± 1.00 mm (depth).</p>
Operating conditions	
Temperature	0 ... +45 °C
Relative humidity	5 ... 93 %
Air pressure	700 ... 1050 hPa
Storage conditions	
Temperature	10 ... +40 °C
Relative humidity	10 ... 80 %
Air pressure	700 ... 1050 hPa
Transportation conditions	
Temperature	-20 ... +60 °C
Relative humidity	5 ... 90 %
Air pressure	700 ... 1050 hPa

Battery specifications	
Exchangeable Lilon single cell rechargeable battery	
Nominal voltage	3.7 V
Nominal capacity	150 mAh at 20 °C
Operating temperature charge	0 ... +45 °C
Operating temperature discharge	0 ... +45 °C
Battery life cycle	Minimum of 80 % of initial capacity after 300 cycles.
Charging	With original power supply the battery is charged with 150 mA if in temperature range. If out of temperature range battery will not be charged (security circuit).
Charging time	2 hours
Transmission data	
Field strength magnetic link	
EN300330 short range device	-39.9 dBµA/m at 10 m
RS 210, issue 7	1.2 dBµV/m at 30 m
Sending frequency	3.28 MHz
Transmission range	30 cm
Sending power Bluetooth	
Max. power radiated	2.4 dBm (EIRP)
Transmission range Bluetooth	up to 10 m (Class 2)
Bluetooth 2.1 profiles	Headset profile Handsfree profile Advance audio distribution profile Audio video remote control profile Serial port profile

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice. The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

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