

WIDEX M-DEX FOR MOBILE PHONE CONNECTIVITY



MAIN FEATURES

- Mobile phone connectivity via Bluetooth
- Wireless audio streaming in high quality to hearing aids with WidexLink
- Audio input (3.5 mm mini jack)
- Integrated telecoil
- FreeFocus
- Room Off
- Program shift
- Volume control
- Call log
- Optional vibrating alert
- Optional manual or automatic key lock
- Adjustable lanyard

RADIO SPECIFICATIONS

	Bluetooth	WidexLink™
Version	2.1 + EDR	N/A
Profiles	A2DP, AVRCP, HFP/HSP	N/A
Frequency (range)	2.4-2.5 GHz	10.6 MHz (10.2-11.0 MHz)
RF bandwidth	1 MHz	660 kHz (-15 dB)
Channels	5 logical channels	Single channel
Modulation	FHSS/GFSK, $\pi/4$ DPSK, 8DPSK	FSK
Radiated output power	2.5 mW ($\approx +4.0$ dBm)	8 nW (≈ -51.0 dBm)
Magnetic field strength	N/A	-11 dB μ A/m @ 33 ft
Range	Up to 33 ft to mobile phone	Up to 3.3 ft when used as remote control Up to 20 in when streaming Bluetooth and transmitted audio input incl. M-DEX
Duty cycle	Max 83 % Time division duplex (TDD)	100 % Simplex or semi duplex
Conforms to the following standards/approvals	• EN/IEC 60950-1 • EN 50371 • EN 300 330-2 • EN 300 328 • EN 301 489-1 • EN 301 489-3 • EN 301 489-17 • FCC Part 15 C • FCC ID: TTY-MDEX + contains FCC ID : TTY092802 • CE Mark	

M-DEX

AUDIO SPECIFICATIONS

Bandwidth	Up to 10.5 kHz
Line input	1/8 in TRS jack analogue stereo
Line input sensitivity	-10 dBV ($\approx$ 316 mVRMS)
Streaming	2 channels combined mono
Delay	<10 ms

PHYSICAL PROPERTIES

Dimensions	3.9/2.0/0.7 in (h/w/d)
Weight	2.68 oz
Display	1.69", 160*128 pixel OLED colour
Power source	Fixed rechargeable Li-ion polymer, 3.7 V / 4.22 Wh
Battery lifetime	Approx. 1,000 charge cycles
Operating time	Standby: Up to 3 days Continuous use: Up to 5 hours (Less with Bluetooth on)
Charge time	3 hours (Initial charge: 6 hours)

ACCESSORIES

Adjustable lanyard
Charger 5 V DC / 500 mA
Jack-to-jack cable 1/8 in TRS

OVERVIEW

