

WIDEX TV-DEX FOR ENJOYING TV AND STEREO SOUND



MAIN FEATURES

- Wireless audio streaming from TV and other audio sources to hearing aid(s)
- High quality stereo sound without annoying echoes or distortion (WidexLink™)
- Optional stereo or mono mode
- One-button feature to switch surrounding sound on/off (Room Off)
- Two individual audio inputs
- Remotely selectable audio source
- TV-Base desk charger
- Up to 10 hours of uninterrupted transmission without recharging

RADIO SPECIFICATIONS

	TV-BASE	TV-CONTROLLER	
	Transmitter	Receiver	Transmitter
Frequency (range)	2.4-2.5 GHz	2.4-2.5 GHz	10.6 MHz (10.2-11.0 MHz)
RF bandwidth	2 MHz	2 MHz	660 kHz (-15 dB)
Channels	17 logical channels	17 logical channels	Single channel
Modulation	GFSK	GFSK	FSK
Radiated output power	2.5 mW ($\approx +4.0$ dBm)	N/A	13 nW (≈ -48.9 dBm)
Magnetic field strength	N/A	N/A	-9 dB μ A/m @ 33 ft
Range	Up to 33 ft to TV-Controller	N/A	Up to 3.3 ft to hearing aid(s)
Duty cycle	25 %	25 %	100 %
	Time division duplex (TDD)	Time division duplex (TDD)	Simplex
Conforms to the following standards/approvals	• EN/IEC 60950-1 • EN 50371 • EN 300 440-2 • EN 301 489-1 • EN 301 489-17 • FCC Part 15 C • FCC ID: TTY-TV B • CE Mark	• EN/IEC 60950-1 • EN 50371 • EN 300 330-2 • EN 300 440-2 • EN 301 489-1 • EN 301 489-3 • EN 301 489-17 • FCC Part 15 C • FCC ID: TTY-TVC • CE Mark	

AUDIO SPECIFICATIONS

Bandwidth	100 Hz-11.2 kHz
Line input	2 pcs. 1/8 in TRS jack analog stereo
Line input sensitivity	-10 dBV (≈ 316 mV _{RMS})
Streaming	Stereo or mono (optional)
Delay	<10 ms

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PHYSICAL PROPERTIES

	TV-Base	TV-Controller
Dimensions	3.5/3.7/0.9 in (h/w/d)	3.2/2.0/0.6 in (h/w/d)
Weight	3.49 oz	2.08 oz
Power source	5 V DC / 500 mA	Fixed rechargeable Li-ion polymer 3.7 V/4.22 Wh
Battery lifetime	N/A	Approx. 1,000 charge cycles
Operating time	N/A	Up to 10 hours between recharges
Charge time	N/A	4 hours (Initial charge: 8 hours)

ACCESSORIES

Mini USB power supply 5 V DC / 500 mA

Adjustable lanyard

1/8 in TRS jack to 1/8 in TRS jack cable

1/8 in jack TRS to phono cable

SCART adapter

1. Transmission on/off
2. Volume up
3. Volume down
4. Room Off

