

Technical Data

Micro Receiver DT20

Features

SST, SecureStreamTechnology

Digital radio transmission technology patented by Comfort Audio

Wide Dynamic Range

Large Audio Bandwidth

Ultra low radio transmission time delay

Secure against eavesdropping

Device pairing, controlled by the user

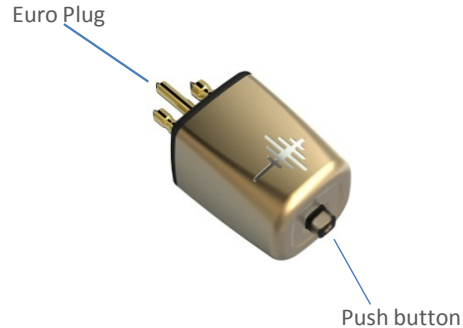
Very high immunity against EMI, Electromagnetic interference

No need to use computer based programming software for changing the DT10's setting

Readable settings

Soft squelch

Adjustable Sensitivity. Two different modes



Radio Performance

SST, SecureStreamTechnology:

Frequency Range:	850-871.6 MHz
Radio Bandwidth:	400 KHz
Transmission time delay:	0.3 ms
Modulation method:	FSK
Antenna:	Built in Helix Antenna
Reception Range:	25 m

Power Mangement

Power supply:	Supplied by the HA's battery	
Nominal voltage:	1.2 V	
Voltage range:	1.05 V to 1.6 V	
Current drian:	Active mode	3.2 mA
	Auto sleep mode	0.15 mA
	Off mode	0.05 mA
Operating temperature:	-10°C to +50°C	

Audio Performance

Dynamic range:	60 dB
Audio bandwidth:	100 - 7000 Hz
Total Harmonic Distortion:	< 1%

Standards

FCC:	47CFR15
General requirements:	EN 12 182
Consumer radio microphones:	EN 301 357-2
Electromagnetic compatibility:	EN 301 489-9
Medical electrical equipment:	EN 60601-1-2
ERM, Short Range device:	EN 300 220-2
Electrical Safety requirements Audio:	IEC 60065

General Data

Type:	Digital Micro Reciver
Height:	12.55 mm
Length:	9.1 mm
Width:	8.45 mm
Weight :	1.1 g