

# 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

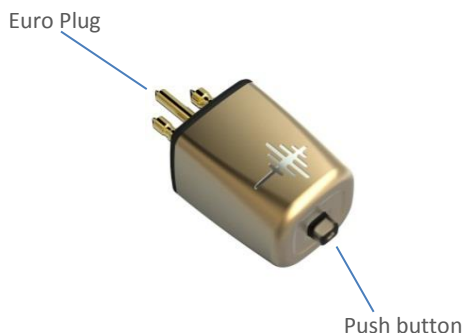
No need to use computer based programming software

for changing the DT20's setting

Readable settings

Soft squelch

Adjustable Sensitivity. Two different modes



### Radio Performance

#### SST, SecureStreamTechnology:

Frequency Range:	904 - 927 MHz
Radio Bandwidth:	400 KHz
Transmission time delay:	0.3 ms
Modulation method:	FSK
Antenna:	Built in Helix Antenna
Reception Range:	30 m (100 ft)

### 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

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TD Micro Receiver DT20 20130418

#### Canadian Distributor:

Supportive Hearing Systems Inc. | 283 MacPherson Avenue | Toronto, Ontario | M4V 1A4 CANADA  
Phone 1-800-732-8804 | info@SimeonCanada.com | www.SimeonCanada.com



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