

Business
Critical
Communications



DTE_x Series

MED Fire Fighter Portables



MED Approved



ATEX II 2G Ex ib IIB T4 Gb
ATEX II 2G Ex ib IIC T4 Gb



Digital & analogue modes



Submersible IP68



0560



Tough | CRYSTAL
CLEAR
AUDIO
Submersible
Dependable



Technical Specification

General			
Frequency Range	VHF UHF	156-163MHz 450-470MHz	
Channel Spacing	6.25, 12.5 & 25KHz		
Operating Voltage	7.4v		
Weight	435g		
Overall Dimensions (HxWxD)	138mm x 60mm x 38mm		
Channels	VHF UHF	INT/USA/CAN plus private up to 99	
Battery Endurance (5/5/90)	Model	Analogue/6.25KHz	DMR
	DT844FF	10 hours	n/a
	DT944FF	16 hours	n/a
	DT885FF	14 hours	17 hours
	DT985FF	16 hours	18 hours
Transmitter			
Output Power UHF	ATEX IIC ATEX IIB	1 Watt / ERP 2 Watts / ERP	
Output Power VHF	ATEX IIC ATEX IIB	1 Watt 3.8 Watts	

Receiver	
Sensitivity (Typical)	Analogue -121dBm (0.2uV) for 12dB SINAD Digital -121dBm (0.2uV) for 5% BER
Environmental	
Operating Temperature	-20°C to +55°C
Storage Temperature	-40°C to +85°C
Thermal Shock	Compliant MIL-STD810 C/D/E/F/G
Humidity	
Shock & Vibration	
Packing Test	
Drop Test	IP68 2 metres, 4 hours submersible
Water Ingress	
Approvals	EN 300 720 v2.1.1 EN 301 178 v2.2.2 EN 301 843-1 v2.2.1 EN 301 843-2 v2.2.1 EN 301 489-1 v2.2.3 EN 301 489-5 v2.2.1 EN 300 113 v2.2.1 EN 60945:2002 EN 62368-1:2020 +A11:2020 EN 50566:2017 EN 62311:2008 & EN 62209-2:2010
NBO 'Certification'	www.entel.co.uk/med
Ex Protection	ATEX II 2G Ex ib IIB T4 Gb ATEX II 2G Ex ib IIC T4 Gb

Recommended Package

Typical Package 1	Typical Package 2
QTY2 DT Fire Fighter Radios	QTY2 DT Fire Fighter Radios
Supplied with:	Supplied with:
- Li-ion battery pack - Drop in charger - Spring loaded belt clip - Antenna	- Li-ion battery pack - Drop in charger - Spring loaded belt clip - Antenna - Bone conductive accessory

Accessories

Supplied package includes: Li-ion battery pack, drop-in charger, belt clip, high-efficiency antenna and quick-start user guide.



CSBH1
Intelligent six-pod rapid charger



GMP/DT9 Heavy-duty speaker microphone for DT800FF and DT900FF series



CLCDD6
A heavy-duty leather carry case with swivel belt loop and strap



CHPHS/DT9*
Single-sided ear defender headset for hard hat use



CHPD/DT9*
Double-sided ear defender headset with headband



CXR5/DT9*
Bone conductive skull mic with heavy-duty PTT



CXR16/DT9*
Throat mic/earpiece with heavy-duty PTT



3rd Party BA
Supports 3rd party BA comme kits



Submersible products are represented with a water droplet.

For the complete range of accessories please visit our website. All specifications are subject to change without notice.

* Submersible - PTT only

Full list of accessories available online.