

FRX-1

ATEX Repeater



ATEX Portable Repeater
E Ex d 11C T5
Zone 1 & 2

Eliminates Radio Black Spots
Increases Radio Coverage





Technical Specifications

General

Freq. range (FRX-1 U2)	440 - 480MHz
Freq. range (FRX-1 U1)	400 - 440MHz
Freq. range (FRX-1 V2)	146 - 174MHz
Protection rating	IP66
Area classification	Zone 1 & 2
Channel capacity	4 of 16
Channel spacing	12.5KHz / 20KHz / 25KHz
Operating Voltage	12v DC
Temperature range	-30°C to + 60°C
Battery	Li-ion 6600 mAh 14.8V
Current drain:	
Standby	98mA
Transmit/Receive	610mA
Duty cycle (10/90)	36 Hours
Dimensions:	270mm x 310mm x 185mm
Weight:	14kg

Transmitter

RF power output	11C = 1 W (VHF) / (UHF) 11B = 3.5 W (VHF) / (UHF) 11A = 4 W (VHF) / (UHF)
Audio sensitivity	6 - mVrms @ 60% peak
Modulation	G3E

Receiver

Sensitivity	12 db SINAD UHF: < 0.35 μ V - 116 dBm VHF: < 0.28 μ V - 118 dBm
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Supplied Accessories

Charger	Rapid intelligent
Transport Case	Waterproof flight case
User manual	

