



DTR™ 620

DIGITAL ON-SITE TWO-WAY RADIO SPECIFICATIONS

GENERAL PERFORMANCE SPECIFICATIONS

Frequency	900 MHz ISM FHSS (902-907MHz, 915-928 MHz)
Contact List Capacity	150 (Shared Group/Private)
Default Programming	5 Public Groups
Power Supply	3.8V ± 0.4V
Dimensions	132.3mm H x 57.2mm W x 35.4mm D (5.2" H x 2.3" W x 1.4" D)
Weight with 1500 mAH Li-Ion Battery	205.7g (7.3oz.)
Average Battery Life @ 5-5-90 Duty Cycle: with 1500 mAH Li-Ion Battery	19 Hrs.

RECEIVER

Sensitivity: (3% BER Sensitivity)	-125 dBm
Frequency Stability:	(-30° C to +60° C) ± 0.0005% (± 5PPM)
Spur Rejection	55 dB
Blocking Immunity:	
Interferer from ±500 KHz to ±1 MHz	75 dB
Interferer from ±1MHz to ±15 MHz	80 dB
Audio Output @ < 5% Distortion	1W

TRANSMITTER

RF Output	1W
Channel Spacing	50 kHz
Frequency Stability: (-30° C to +60° C)	± 0.0005% (± 5PPM)
Spurs/Harmonics	500 uV/m (3m)
Audio Response: (from 6 dB/oct. Preemphasis, 300 to 30000 Hz)	+1, -3 dB
Audio Distortion @ 1000 Hz, 60% Rated Max. Dev.	<3%
TX ACCPR	-50 dBc
FCC Modulation	8-level FSK 900 MHz ISM FHSS

**Accelerated
Life Test**



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