Technical Data Sheet

MOTOTRBO DEP 250 PORTABLE RADIO, NO KEYPAD

Brand / manufacturer	Motorola Solutions
Product category	VHF Handheld Radio
Product codes	SKU: LAH87JDC9JA2AN

Product description

Motorola MOTOTRBO™ DEP™ 250 portable radio, no keypad.

Key benefits

- 16 channels
- VHF 136–174 MHz or UHF 403–480 MHz
- Analogue and digital operation

Specifications

DEP 250 NKP ANALOGUE		
	VHF	UHF
Channel Capacity	16	
Typical RF Output Low Power High Power		
1W	1W	
5W	4W	
Frequency	136-174 MHz	403-480 MHz
Dimensions (H x W x L) Li-Ion 1700mAH High Cap Li-Ion 2250mAh		
120.0X X 55.0 X 36.5 mm	120.0X X 55.0 X 34.7 mm	
120.0X X 55.0 X 41.7 mm	120.0X X 55.0 X 39.9 mm	
Weight with battery: Li-Ion 1700mAH High Cap Li-Ion 2250 mAh		
295 g	276 g	
300 g	281 g	
Power Supply	7.5V (Nominal)	
BATTERY		
Li-Ion 1750 mAh	Analogue: 10.7 hrs / Digital: 14.4 hrs	
High Cal Li-Ion 2250mAh	Analogue: 15.0 hrs / Digital: 20.0 hrs	
RECEIVER		

Prepared by Russmill Safety from publicly available manufacturer information and our product listing. This is not the manufacturer's original publication. For legally required safety data, use the manufacturer's official Safety Data Sheet.

Channel Spacing	12.5 kHz / 25 kHz	
Frequency Stability (-30°C, +60°C, +25°C Ref)	± 0.5 ppm	
Analogue Sensitivity (12 dB SINAD)	0.3 uV / 0.22 uV (typical)	
Intermodulation (TIA603D)	70dB	
Adjacent Channel Selectivity (TIA603D)	45 dB @ 12.5 kHz / 70 dB @ 25 kHz	
Spurious Rejection (TIA603D)	70dB	
Rated Audio	0.5 W (Internal)	
Audio Distortion @ Rated Audio	5% (3% typical)	
Hum and Noise	-40 dB @ 12.5 kHz / -45 dB @ 25 kHz	
Audio Response	TIA603D	
Conducted Spurious Emissions (TIA603D)	-57 dBm	

ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	-30°C2 / +60°C
Storage Temperature	-40°C / +85°C
Thermal Shock	Per MIL-STD
Humidity	Per MIL-STD
ESD	IEC 61000-4-2 Level 3
Dust and Water Intrusion	IP54. MIL-STD
Packaging Test	MIL-STD 810D and E

Information source

Russmill Safety product listing — https://www.russmillsafety.com/products/mototrbo-dep-250-portable-radio-no-keypad (listing notes product information supplied by the manufacturer, Motorola Solutions)

Supplier / distributor contact

Supplier / distributor	Russmill Safety
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