Portable Two-Way Radio





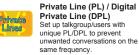
Affordable Radio For Small Business

lag One



Key Attributes and Benefits







Scan Allows users to monitor activities on different communication channels so that important Scan

16 Channels The 16 channels allow users to organize their work teams into different talk groups, increasing the efficence of the radios.

Repeater / Talkaround

messages will not be missed.

at the press of a button.

Enables user point-to-point communication or via a repeater

Nuisance Channel Delete Allows users to temporarily remove the unwanted calls in the scan list, enhancing the radio operational efficiency



Low Battery Indicator LED & low battery tone provide battery life status.



Monitor

Enables radio-user to listen to current channel as long as the Monitor button is pressed.



Sticky Permanent Monitor Allows users to stay on monitor mode without consistently pressing the Monitor button.

A8[™] PORTABLE TWO-WAY RADIO

GENERAL	VHF	UHF
Dimensions H x W x D	107 mm x 58 mm x 37 mm	
Weight	350g / 13 oz	
Average Battery Life @ 5/5/90 Duty Cycle* Standard Capacity NiMH Battery	8 hours	
Model Number	LAH84JDC8AA4AN LAH84KDC8AA4AN	LAH84QCC8AA4AN LAH84RCC8AA4AN
Frequency Range	136-150MHz 150-174MHz	403-425MHz 450-470MHz
Channel Spacing	12.5 / 25 kHz	
Operating Temperature Range	-30° to +60°C	
Frequency Stability	±2.5ppm	
FCC	136-150MHz AZ489FT3809 150-174MHz AZ489FT3810	403-425MHz AZ489FT4872 450-470MHz AZ489FT4873
*5% receive, 5% transmit, 90% stability		
TRANSMITTER	VHF	UHF
RF Power Output High Power Low Power	5W 1W	4W 1W
Spurs and Harmonics	-63dBc (-26Bm @ 5W) (-27dBm @ 4W)	
FM Hum & Noise	-40dB	
Modulation Limiting	±2.5kHz @ 12.5kHz / ±5kHz @ 25kHz	
Audio Response (0.3 - 3kHz)	+1 to -3dBΩ	
Audio Distortion	5%	
RECEIVER	VHF	UHF
Sensitivity	0.25 μV	0.3 μV
Selectivity	-65dB @ 25kHz / -60dB @ 12.5kHz	
Intermodulation	65dB @ 25kHz / -60dB @ 12.5kHz	
Spurious Rejection	65dB	
Audio Output @ <5% Distortion	500mW	
	<5%	
Audio Distortion	-40dB	
Audio Distortion Hum and Noise	-40	dB

810 C 810 D 810E 810F Applicable MIL-STD Methods Procedures Methods Procedures Methods Procedures Methods Procedures High Temperature 501.1 501.2 1 501.3 501.4 1 Low Temperature 502.1 1 502.2 1, 2 502.3 1, 2 502.4 1, 2 **Temperature Shock** 503.1 1 503.2 1 503.3 1 503.4 1 Solar Radiation 505.2 505.3 505.1 1 1 505.4 1 1 507.1 507.2 507.3 507.4 3 Humidity 2 2, 3 2, 3 Salt Fog 509.1 1 509.2 1 509.3 1 509.4 1

All specifications shown are typical and subject to change without notice. All electrical specifications and methods refer to EIA/TIA 603 standards.

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8, 10

LE-A8-T1

Dust

Vibration

510.1

514.2

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Portable Two-Way Radio





Audio Accessories

Choose from a variety of Mag One audio accessories to expand the capabilities of your A8 radio to fit your business needs. Portable Two-Way Radio

Audio Accessories

- Audio accessories offer convenience without removing the radio from your belt.
- Comfortable earpieces and headsets mute the internal radio speaker while channeling the audio directly to your ear, so you can monitor transmissions clearly and privately.
- PMMN4008 Remote Speaker Microphone



• PMLN4443 Ear Receiver with in-line Microphone and PTT switch



• PMLN4294 Earbud with Microphone & PTT Combined





Contact your local dealer for a complete list of Accessories at motorola.com/radiosolutions

LE-A8A-T1

PMLN4442
Earbud with in-line Microphone
and PTT switch



• PMLN4445 Ultra lightweight headset with in-line PTT switch



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