



ON-SITE TWO-WAY BUSINESS RADIOS AND ACCESSORIES

RM SERIES BUILT TOUGH TO DO BUSINESS BETTER

Motorola RM Series two-way radios have the business smarts to help people work better together – coordinating resources at the construction site or monitoring production on the manufacturing line. They come with the right credentials to give business the competitive edge: exceptional quality, affordability and durability to outlast high noise, tough conditions and hard use.

WORK TOGETHER EFFICIENTLY AND SAFELY

Focus on the job with instant push-to-talk and customized channel announcements that keep your hands free. Now you'll know which channel and which department you are talking to without removing the radio from your belt. And you'll know what's coming with National Oceanic and Atmospheric Administration (NOAA) Weather Alerts (available on select models). Receive official warnings, watches and forecasts automatically to prepare your workforce.

CONNECT EASILY THROUGHOUT THE WORKPLACE

The RM Series radios make it easy to get the work done. A powerful speaker ensures clear communication, even in noisy conditions. Compact yet performance-packed, the RM Series

provides coverage up to 250,000 square feet or 20 floors.* Voice prompts enable you to program non-display radios on the go. A carry holster with swivel belt clip lets you rotate the radio to fit comfortably and move freely while picking up a tool or restocking a shelf. And the antimicrobial coating helps prevent the growth of mold and germs on the surface of the radio – as you change shifts, pass on the portable confidently.

KEEP ON TALKING IN TOUGH CONDITIONS

Military Standard 810 C, D, E, F and G plus IP54/55 may be the standards for other radio manufacturers, but they are the starting point for our RM Series. These radios undergo Motorola's unique Accelerated Life Testing (ALT). This rigorous laboratory testing simulates up to 5 years of field use. We design and engineer the RM Series right the first time to minimize costly repairs and downtime.

MOVE FROM RDX TO RM SERIES SEAMLESSLY

The HTML-based Customer Programming Software is so easy to use, it works with any computer browser. Profiles interchange with the RDX Series too. You can also quickly copy settings between the RM Series or between the RM and RDX Series portables with the radio-to-radio cloning cable or through the multi-unit charger. Plus you can re-use your RDX Series audio accessories to unleash the power of your RM Series radios.

*Coverage will vary based on terrain, conditions and the radio model used

PRODUCT SPEC SHEET RM SERIES RADIOS AND ACCESSORIES

4.5 ir 8.6 oz (244g) 8.7 oz (247g)	n H x 2.2 in W x 1.6 in D 9 oz (256g) 9.1 oz (259g) 5 hours with battery sava Avail	RMV2080 VHF (150.8 to 16 1500 mW 8 Channels 12.5kHz (115.6 mm H x 57.6 mm W (115.6 mm H x 57.6 mm W 8.9 oz (252g) 9.0 oz (255g) e on or up to 12 hours withe able in Q4/2013 3.7V Li-Ion	4 Channels 12.5kHz/25kHz x 40.5 mm D) x 40.5 mm D) 8.6 oz (244g) 8.7 oz (247g)	RMM2050 MURS (5 Freqs.) 154.57MHz / 20.0kH 154.67MHz / 20.0kH 158.87MHz / 20.0kH 151.88MHz / 11.25kH 151.88MHz / 11.25kH 151.94MHz / 11.25kH 5 Channels 11.25 or 20.0kHz frequency dependant, see at 8.6 oz (244g) 8.7 oz (247g)
12.5kHz 4.5 ii 4.5 ii 8.6 oz (244g) 8.7 oz (247g)	12.5kHz n H x 2.2 in W x 1.6 in D n H x 2.2 in W x 1.6 in D 9 oz (256g) 9.1 oz (259g) 5 hours with battery save Avail	8 Channels 12.5kHz (115.6 mm H x 57.6 mm W (115.6 mm H x 57.6 mm W 8.9 oz (252g) 9.0 oz (255g) e on or up to 12 hours witho able in Q4/2013	x 40.5 mm D) x 40.5 mm D) 8.6 oz (244g) 8.7 oz (247g)	5 Channels 11.25 or 20.0kHz frequency dependant, see at 8.6 oz (244g)
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8.7 oz (247g)	9.1 oz (259g) 5 hours with battery save	9.0 oz (255g) e on or up to 12 hours witho able in Q4/2013	8.7 oz (247g)	
	5 hours with battery save Avail	e on or up to 12 hours withc		8.7 oz (247g)
Up to 19	Avail	able in Q4/2013	out battery save.	
		3.7V Li-Ion		
		-122 dBm (0.18) 70 dB @ 12.5 kHz 75 dB 90 dB 90 dB < 5% -50 dB -50 dB -45 dB < 54 dBm < 52 dBm	@ 25 kHz	
		1.500 @ 8 0111	IS	
		2 Watts 1 Watt		2 Watts
< - 1.5 ppm < - 45 dBc -36 dbm for f < 1GHz, -30 dbm for f> 1GHz ±2.5 kHz @ 12.5 kHz ±5.0 kHz @ 25.0 kHz 70 dBc				
-36 dbm for f < 1GHz, -30 dbm for f> 1GHz -36 dbm for f < 1GHz, -30 dbm for f> 1GHz -36 dbm for f < 1GHz -36 dbm for f < 1GHz +1 to -3 dB < 2%				
		//		
Proced	ures	L 810 E Methods/ Procedures	MIL 810 F Methods/ Procedures	MIL 810 G Methods, Procedures
			500.4 / Procedure 1	500.5 / Procedure 1
				501.5 / Procedure 1,2
				501.5 / Procedure 1,2
				503.5 / Procedure 1
				505.5 / Procedure 1
				506.5 / Procedure 1
5Z DU7.77 Proce		7.37 FIUCEUUIE Z,3	DUT.4 / FIUCEOUTE 3	507.5 / Procedure 3 510.5 / Procedure 1
	Proced a1 500.2 / Proc 1,2 501.2 / Proc a1 502.2 / Proc a1 503.2 / Proc a1 505.2 / Proc a1 505.2 / Proc a1 505.2 / Proc a2 507.2 / Proc	ods/ Mil. 810 D Methods/ Procedures Mil a1 500.2 / Procedure 2 5 1,2 501.2 / Procedure 1,2 50 a1 502.2 / Procedure 1,2 50 a1 502.2 / Procedure 1 50 a1 505.2 / Procedure 1 5 a1 505.2 / Procedure 1 5 a1 505.2 / Procedure 1 5	-50 dB -45 dB < -52 dBm < -52 dBm 1.5W @ 8 ohm 1.5W @ 8 ohm < -45 dBc -36 dbm for f < 15 ppm < -45 dBc -36 dbm for f < 16Hz, -30 d ±2.5 kHz @ 1.25 kHz ±5.0 kl 70 dBc -36 dbm for f < 16Hz, -30 d -36 dbm for f < 16Hz, -30 dl -36 dbm for f < 16Hz, -30 dl -38 dbm for f < 16Hz, -30 dbm for f < 16Hz, -30 dbm for f < 16Hz, -30 dbm for f < 1	-50 dB -45 dB < -52 dBm

ENVIRONMENTAL SPECIFICATIONS

Dust

Vibration Shock

Operating Temperature	-30°C to +60°C (Radio)
Sealing	IP55
Shock and Vibration	Polycarbonate Housing passes EIA 603
Dust and Humidity	Satisfied EIA 603

510.3 / Procedure 1

514.4 / Procedure 1

516.4 / Procedure 1,4

510.4 / Procedure 1

514.5 / Procedure 1

516.5 / Procedure 1

510.5 / Procedure 1

514.6 / Procedure 1

516.5 / Procedure 1

To learn more about the radio that's built tough to do business

510.1 / Procedure 1

514.2 / Procedure 8,10

516.2 / Procedure 1,2,5

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510.2 / Procedure 1

514.3 / Procedure 1

516.3 / Procedure 1,4

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