



STAY STYLISHLY CONNECTED

MOTOROLA CLP TWO-WAY RADIO

Checking in guests or checking on store inventory, you want discreet but durable devices to keep your people continuously and comfortably connected. The Motorola CLP Two-Way Radio delivers all that and more – with its small size, lightweight design, easy push-to-talk button, crystal-clear audio and comfortable earpieces. Now your teams can connect instantly and respond quickly to address customer requests and enhance customer service.

SIMPLE AND SLEEK

From the kitchen to the stockroom, our CLP compact radio combines exceptional performance with stylish portability. It's small, light and simple to use, with an oversized push-to-talk button that is easy to access. Plus a Smart Status Glow light that turns a color to indicate channel, transmit and receive, scan and battery status. And with an embedded antenna, there is nothing external to add bulk or get in the way.

STRONG, CLEAR AUDIO

The Motorola CLP radio makes communicating a breeze in noisy environments – whether your teams are connecting in a busy restaurant, hotel or retail store. And with a variety of comfortable, unobtrusive earpieces, you can be sure conversations are private and discreet.

DAY-IN, DAY-OUT DURABLE

With an innovative and durable design created specifically for retail, hospitality and restaurant environments, CLP can stand up to your busiest days and heaviest uses. CLP's tough polycarbonate housings contain built-in anti-microbial* properties that inhibit the growth of bacteria and mold on the radio surfaces. CLP standard Li-Ion battery that can provide up to 9 hours of talk time, making the CLP the ideal communication tool for long shifts.

PERSONALIZE AND CUSTOMIZE

CLP offers plenty of versatility for your staff and your business. Wear CLP on a magnetic clip or belt to complement any wardrobe or uniform. Customize radio settings with Motorola Customer Programming Software (CPS) and choose models with optional Bluetooth® capability. Even add a repeater as your coverage needs grow in the future[^].

* The antimicrobial properties do not protect users or others against bacteria, viruses, germs, or other disease organisms. Always clean this product thoroughly before and after each use. Does not apply to accessories.

[^] Subject to country type approval and license requirements.

MOTOROLA CLP TWO-WAY RADIO SPECIFICATIONS

			CLP107		CLP117					
GENERAL SPECIFICATION			(with Bluetooth® Wireless Technology)							
Frequency Band^			UHF 450-470		UHF 450-470					
Frequency Range			Unit to Unit: 100k SqFt. / 10 Floors		Unit to Unit: 100k SqFt. / 10 Floors					
Channels Capacity			4		6					
Channel Bandwidth			12.5 kHz/25.0 kHz		12.5 kHz/25.0 kHz					
PL Codes			39 std + 6 custom		39 std + 6 custom					
DPL Codes			84 std + 84 inverted + 6 custom		84 std + 84 inverted + 6 custom					
Average Battery Life @ 5/5/90										
w/Standard Li-Ion Battery BT60 1130 mAh			9		8					
w/High Capacity Li-Ion Battery BT90 1800 mAh			14		12					
Radio Dimensions (H x W x D):										
Radio with Standard Li-Ion Battery BT60			3.5 x 2.0 x 0.75 inches, 88 x 50 x 19 mm		3.5 x 2.0 x 0.75 inches, 88 x 50 x 19 mm					
Radio with High Capacity Li-Ion Battery BT90			3.5 x 2.0 x 0.96 inches 88 x 50 x 24 mm		3.5 x 2.0 x 0.96 inches 88 x 50 x 24 mm					
Weight										
Radio with Standard Li-Ion Battery BT60			2.38 oz (67.5g)		2.38 oz (67.5g)					
Radio with High Capacity Li-Ion Battery BT90			3.0 oz (85.3g)		3.0 oz (85.3g)					
TRANSMITTER										
RF Output										
			High		1.0 Watts					
			Low		0.5 Watts					
Frequency Stability			< 2.5 ppm		< 2.5 ppm					
Spurs & Harmonics			< - 45 dBc		< - 45 dBc					
FM Hum & Noise:										
@ 12.5kHz without companding			- 40 dB		- 40 dB					
@ 25.0kHz			- 45 dB		- 45 dB					
Modulation Limiting:										
@ 12.5kHz			± 2.5kHz		± 2.5kHz					
@ 25.0kHz			± 5.0kHz		± 5.0kHz					
Adjacent Channel Power			60dBc		60dBc					
Radiated Spurious Emissions										
@ 12.5kHz			< - 20dBm		< - 20dBm					
@ 25.0kHz			< - 13dBm		< - 13dBm					
Audio Frequency Response (0.3 - 3.0 kHz)			+1 to - 3 dB		+1 to - 3 dB					
Audio Distortion			< 2%		< 2%					
RECEIVIER										
Sensitivity (12 dB SINAD)			- 122 dBm (0.18 uV)		- 122 dBm (0.18 uV)					
Adjacent Channel Selectivity:										
@ 12.5kHz			60 dB		60 dB					
@ 25.0kHz			65 dB		65 dB					
Intermodulation rejection			60dB		60dB					
Spurious response Rejection (blocking 1Mhz)			80dB		80dB					
Audio Distortion			< 5%		< 5%					
CSQ Hum & Noise @ 12.5kHz			- 50dB		- 50dB					
PL Hum & Noise @ 12.5kHz			- 50dB		- 50dB					
DPL Hum & Noise @ 12.5kHz			- 45dB		- 45dB					
Radiated Spurious Emissions (< 1GHz)			< - 54 dBm		< - 54 dBm					
Radiated Spurious Emissions (> 1GHz)			< - 52 dBm		< - 52 dBm					
Audio Output @ <5% Distortion			0.5W @ 8 ohms		0.5W @ 8 ohms					
MILITARY STANDARDS			METHOD	PROCEDURE	METHOD	PROCEDURE	METHOD	PROCEDURE	METHOD	PROCEDURE
		810 - C		810 - D		810 - E		810 - F		810 - G
Low Pressure	500.1	1	500.2	2	500.3	2	500.4	1	500.5	1
High Temperature	501.1	1, 2	501.2	1, 2	501.3	1, 2	501.4	1, 2	501.5	1, 2
Low Temperature	502.1	1	502.2	1, 2	502.3	1, 2	502.4	1, 2	502.5	1, 2
Temperature Shock	503.1	1	503.2	1	503.3	1	503.4	1	503.5	1
Solar Radiation	505.1	1	505.2	1	505.3	1	505.4	1	505.5	1
Vibration	514.2	8, 10	514.3	1	514.4	1	514.5	1	514.6	1
Shock	516.2	1, 2, 5	516.3	1, 4	516.4	1, 4	516.5	1	514.6	1
ENVIRONMENTAL SPECS										
Operating Temperature			-30°C to +60°C (Radio)		-30°C to +60°C (Radio)		-30°C to +60°C (Radio)			
Shock & Vibration			Polycarbonate Housing passes EIA 603							
Dust & Humidity			Satisfied FIA 603							

Specifications are subject to change without notice. All specifications shown are typical. Radio meets applicable regulatory requirements. Radio frequencies subject to availability.

^ASubject to country type approval and license requirements.

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