



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 ^A		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	1.0 Watts								
	Low	0.5 Watts	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%								
RECEIVER											
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	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 EIA 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.

Motorola Solutions, Inc. 10 Wesley Court, Tally Ho Business Park, East Burwood, VIC 3151 www.motorolasolutions.com.au

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2011 Motorola Solutions, Inc. All rights reserved.

CLP_SS_Aus Only

