

Motorola **CLP** Two-Way Radio

Comfortable Lightweight Portable Two-way Radio



Sleek, simple design for retail, hospitality, and restaurant environments

One-button push to talk for **ease of use**.

Clear, strong audio performance for confident communications in noisy environments.

Smart Status Glow uses color to indicate active channel, radio transmit & receive, scan, and battery status.

No external antenna to get in the way or add size and bulk to the radio.

Dependable and durable for long life, more uptime, and lower replacement costs.

Operates on 1 watt of power and supports 99 UHF exclusive business frequencies.

Repeater capability when **increased coverage** is required.

Li-Ion batteries provide **12-18 hours of talk and listen** for service over long shifts.

Single-unit chargers provide **rapid charging** in a compact space-saving design.

Multi-unit chargers conveniently **charge up to six Motorola CLP Radios** simultaneously, and can be wall-mounted.

Flexible carry options include **belt-clip holsters, magnetic carry cases, and an adjustable lanyard**.

Multiple wear options allow the user **flexibility and freedom**.

A variety of comfortable earpiece options **keep conversations private**.

Customize your radio settings with Motorola Customer Programming Software.

Single and multi-channel models available with optional Bluetooth® capability on select models.

Simple functionality in a contemporary design

The Motorola CLP two-way radio is designed to provide reliable communications in demanding retail, restaurant, and hospitality environments. CLP's small, lightweight form factor, simple push-to-talk operation, embedded antenna and small, unobtrusive earpieces combine to deliver a superior solution for businesses that rely on efficient customer service. Clear audio performance and voice-driven menus make communications easy and

convenient. CLP offers a variety of wear options that allow users to customize for their specific needs. The sleek, ergonomic design complements any wardrobe or uniform, yet is extremely durable to provide outstanding performance under heavy use. This unique combination of style and function makes the Motorola CLP two-way radio the perfect communications solution for customer service personnel.

Motorola CLP Two-Way Radio Specifications

		CLP1010	CLP1040							
General Specifications										
Frequency Range		UHF 450-470	UHF 450-470							
Channels Capacity		1	4							
Channel Bandwidth		12.5 kHz/25.0 kHz	12.5 kHz/25.0 kHz							
PL Codes		39 + programmable	39 + programmable							
DPL Codes		84	84							
Average Battery Life @ 5/5/90										
w/Standard Li-Ion Battery BT60 1130 mAh		12	12							
w/High Capacity Li-Ion Battery BT90 1800 mAh		18	18							
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 @ 12.5 Khz		< -20dBm	< -20dBm							
Radiated Spurious Emissions @ 25 Khz		< -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	80 dB							
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	516.6	1
Environmental Specs										
Operating Temperature	-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.

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