

MOTOROLA SOLUTIONS CLP TWO-WAY RADIO

COMFORTABLE. LIGHTWEIGHT. PORTABLE.



START A WHOLE NEW CONVERSATION WITH STYLE AND EASE

Now your team can stay connected with the productivity tool that combines comfort, durability, and simplicity. The Motorola CLP Two-Way Radio is the sleek radio that gets the job done without getting in the way.

Designed specifically for retail, hospitality, and restaurant environments, CLP is small and lightweight, with simple one-button, push-to-talk operation. Clear, strong audio makes communicating easy in noisy environments, and the durable design and long battery life will stand up to the everyday wear and tear of your fast-paced business.

All this performance is packaged in a sleek, contemporary design. Flexible carry options let you wear CLP on a belt or a versatile magnetic clip, giving you the comfort and freedom to match your style and workplace environment.

Your customers demand rapid response and superior customer service. Now you can deliver it with style and ease. CLP allows your team to stay connected, reduce errors, and respond quickly to other team members, customers or guests. Motorola CLP—it's productivity with personality.



FEATURES AT-A-GLANCE

A. SMART STATUS GLOW

Color indicates active channel, radio transmit & receive, scan, and battery status.

B. PUSH-TO-TALK BUTTON

Oversized, textured, and centrally located provides easy access.

C. VOLUME CONTROL

16 adjustable volume levels make CLP easy to hear in any environment. A long press provides a quick way to lower the headset volume.

D. POWER/BATTERY BUTTON

Powers device on or off, with a short press provides audio indication of current battery level.

E. ACCESSORY CONNECTOR

Compact, durable design, for proven Motorola accessories.

F. MENU BUTTON

Voice driven menu provides quick access to preprogrammed features: channel, monitor, scan, and call tone.

G. CHARGING / PROGRAMMING CONTACTS

Provides robust battery charging and radio programming.

FEATURES DESIGNED FOR YOU

Motorola is a company of firsts with a rich heritage of innovation. We continue to invent what's next—connecting people, delivering mobility and making technology personal.

FEATURES	FUNCTION
Voice Assisted Operation	Voice driven menu provides access to channel, monitor, scan, and call tone
Smart Status Glow	Features are associated by color, providing information at a glance
Bluetooth® Technology*	Enables hands-free operation while eliminating bothersome wires
Customer Programming Software (CPS)	Connect CLP to a PC with a data cable to customize your radio settings
Radio Configuration	Configure radio channels, frequencies and codes from a pre-programmed list without the use of a computer
Scan*	Monitor radio activity for faster, more efficient communications
Sleek Design	Unique palm-sized radio that is 40% smaller and 50% lighter than similar products
Audio	Clear, strong audio performance for confident communications in noisy environments
Internal Antenna	Embedded antenna delivers wide coverage in a compact design
Durability	Designed and built to withstand everyday use. Meets MILSTD 810 specifications.
Battery	Li-Ion batteries provide 9-14 hours** of talk and listen for service over long shifts
Radio Models	Single and multi-channel models available. Optional Bluetooth® wireless capability.
Power	1-watt output with selectable high or low settings configured via CPS
Frequency Band	Operates on 99 UHF exclusive business frequencies and features 219 codes
Repeater Capable	Increase range and eliminate dead spots with a Motorola Repeater
Warranty	2 year limited warranty
Integrated Voice Solutions Capable	Enables real-time voice access among users of Motorola two-way radios, Voice-over-WLAN devices and voice-enabled mobile computers
Antimicrobial Protection	Helps prevent the growth of mold and germs on the surface of the radio

“Always with me, never in the way—CLP makes it easy to stay connected with my team and my customers.”

*Some features available on select models only

**Dependent on battery type and usage

MOTOROLA SOLUTIONS CLP ACCESSORIES

ENHANCE FUNCTIONALITY AND PERFORMANCE.

Motorola Solutions Original accessories will make you and your CLP even more productive. A variety of carry options, earpieces, batteries, and chargers enable you to create the communications system that works best for you and your team.

CARRYING ACCESSORIES

Flexible carrying options give you the freedom to wear CLP your way. The belt-clip holster is so light you won't even know it's there. A unique magnetic carry case allows CLP to be worn anywhere; on your lapel, dress shirt pocket, or snapped on your waist.

EARPIECES

CLP must be paired with an audio accessory. A variety of comfortable earpieces provide loud, clear audio and accommodate the way you like to work. The wired earpiece comes with an easy-access push-to-talk button. Motorola Solutions' unique Bluetooth Accessory Kit, available on select models offers a professional and comfortable Bluetooth solution that minimizes the hassles of wires and makes it easy to get the job done.

BATTERIES

The standard Li-Ion battery is designed for 9 hour performance. For even longer shifts, a high capacity Li-Ion battery will provide up to 14 hours of service.

CHARGERS

This revolutionary, clean design provides rapid charging of your Motorola Solutions CLP. A Multi-unit charger allows you to conveniently charge up to six Motorola Solutions CLPs simultaneously. The charger is designed with a back pocket to store your earpiece while the unit is charging, and can be mounted on the wall if space is at a premium.



Earpiece with inline PTT button



Earpiece with inline PTT button



Bluetooth® Accessory kit



Swivel Belt Holster



Multi-Unit Charger



Magnetic Clip

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. 800-367-2346 motorolasolutions.com

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CLP446 UNLICENSED TWO-WAY RADIOS AND ACCESSORIES

STAY STYLISHLY CONNECTED

Checking in guests or checking store inventory, you want discreet but durable devices to keep your people continuously and comfortably connected. The Motorola Solutions CLP446 Unlicensed 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.

KEY BENEFITS

SIMPLE AND SLEEK

From the kitchen to the stockroom, our CLP446 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. And with an embedded antenna, there is nothing external to add bulk or get in the way. Plus a Smart Status Glow ring that changes colour to indicate channel, transmit, receive, scan and battery status.

STRONG, CLEAR AUDIO

The CLP446 two-way 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. For the ultimate in discretion, a Bluetooth® model is available that can connect to an earpiece without wires.

DAY-IN, DAY-OUT DURABLE

With an innovative and durable design created specifically for retail, hospitality and restaurant environments, CLP446 can stand up to your busiest days and heaviest uses. Its tough polycarbonate housings contain built-in anti-microbial* properties that inhibit the growth of bacteria and mould on the radio surfaces. CLP446 uses a Li-Ion battery that can provide up to 14 hours of talk time, making it the ideal communication tool for long shifts.

PERSONALISE AND CUSTOMISE

CLP446 offers plenty of versatility for your staff and your business. Wear the radio on a magnetic clip or belt to complement any wardrobe or uniform. Customise radio settings with Motorola Solutions Customer Programming Software (CPS) to match the CLP446 performance to your requirements.



GENERAL SPECIFICATIONS

CLP446

Frequency Band	PMR446
Range	7,400 m ² (80,000 sq ft) / 6 floors **
Channels Capacity	8
Channel Bandwidth	12.5 kHz
PL Codes	39 std + 6 custom
DPL Codes	84 std + 84 inverted + 6 custom
Average Battery Life @ 5/5/90 w/Standard Li-Ion Battery BT60 1130 mAh	9 (wired) / 8 (Bluetooth)
Average Battery Life @ 5/5/90 w/High Capacity Li-Ion Battery BT90 1800 mAh	14 (wired) / 12 (Bluetooth)
Radio Dimensions (H x W x D): Radio with Standard Li-Ion Battery BT60	88 x 50 x 19 mm 3.5 x 2.0 x 0.75 inches
Radio Dimensions (H x W x D): Radio with High Capacity Li-Ion Battery BT90	88 x 50 x 24 mm 3.5 x 2.0 x 0.96 inches
Weight: Radio with Standard Li-Ion Battery BT60	68g (2.38 oz)
Weight: Radio with High Capacity Li-Ion Battery BT90	85g (3.0 oz)

TRANSMITTER

RF Output	0.5 Watts
Frequency Stability	< 2.5 ppm
Spurs & Harmonics	< -45 dBc
FM Hum & Noise: @ 12.5kHz without companding	-40 dB
Modulation Limiting: @ 12.5kHz	± 2.5kHz
Adjacent Channel Power	60dBc
Radiated Spurious Emissions @ 12.5kHz	< -20dBm
Audio Frequency Response (0.3 - 3.0 kHz)	+1 to -3 dB
Audio Distortion	< 2%

RECEIVER

Sensitivity (12 dB SINAD)	-122 dBm (0.18 uV)
Adjacent Channel Selectivity: @ 12.5kHz	60 dB
Intermodulation rejection	60dB
Spurious response Rejection (blocking 1Mhz)	80dB
Audio Distortion	< 5%
CSQ Hum & Noise @ 12.5kHz	-50dB
PL Hum & Noise @ 12.5kHz	-50dB
DPL Hum & Noise @ 12.5kHz	-45dB
Radiated Spurious Emissions (< 1GHz)	< -54 dBm
Radiated Spurious Emissions (> 1GHz)	< -52 dBm
Audio Output @ <5% Distortion	0.5W @ 8 ohms

MILITARY STANDARDS

STANDARD	MIL STD 810 C	MIL STD 810 D	MIL STD 810 E	MIL STD 810 F	MIL STD 810 G
Low Pressure	500.1 / Procedure 1	500.2 / Procedure 2	500.3 / Procedure 2	500.4 / Procedure 1	500.5 / Procedure 1
High Temperature	501.1 / Procedure 1, 2	501.2 / Procedure 1, 2	501.3 / Procedure 1, 2	501.4 / Procedure 1, 2	501.5 / Procedure 1, 2
Low Temperature	502.1 / Procedure 1	502.2 / Procedure 1, 2	502.3 / Procedure 1, 2	502.4 / Procedure 1, 2	502.5 / Procedure 1, 2
Temperature Shock	503.1 / Procedure 1	503.2 / Procedure 1	503.3 / Procedure 1	503.4 / Procedure 1	503.5 / Procedure 1
Solar Radiation	505.1 / Procedure 1	505.2 / Procedure 1	505.3 / Procedure 1	505.4 / Procedure 1	505.5 / Procedure 1
Vibration	514.2 / Procedure 8, 10	514.3 / Procedure 1	514.4 / Procedure 1	514.5 / Procedure 1	514.6 / Procedure 1
Shock	516.2 / Procedure 1, 2, 5	516.3 / Procedure 1, 4	516.4 / Procedure 1, 4	516.5 / Procedure 1	516.6 / Procedure 1

ENVIRONMENTAL SPECS

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

*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.

**Range achieved will vary dependant on terrain and local conditions.

FEATURES

- Sleek compact design
- Operates on license-free and subscription-free PMR446 frequencies
- 0.5W power transmission
- 8 channels with customisable privacy codes
- Easy to access oversized, textured and centrally located PTT button
- Smart Status Glow ring indicates active channel, radio transmit & receive, scan and battery status
- Voice menu system
- Monitor/Scan modes
- Hands-free VOX
- Single pin lock-in accessory port
- Antimicrobial protection*
- Up to 14 hours battery life
- Complete range of optional accessories
- Bluetooth® headset compatible model available

For more information on CLP446, visit: www.motorolasolutions.com/clp446

Motorola Solutions Ltd. Nova South, 160 Victoria Street, London, SW1E 5LB, United Kingdom.

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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