

CLK USER GUIDE



MOTOROLA
SOLUTIONS



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SAFETY

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE FOR PORTABLE TWO-WAY RADIOS

ATTENTION!

Before using this product, read the RF Energy Exposure and Product Safety Guide that ships with the radio which contains instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulation.

BATTERIES AND CHARGERS SAFETY INFORMATION

This document contains important safety and operating instructions. Read these instructions carefully and save them for future reference.

Before using the battery charger, read all the instructions and cautionary markings on

- the charger,
 - the battery, and
 - the radio using the battery
1. To reduce risk of injury, charge only the rechargeable Motorola Solutions-authorized batteries. Other batteries may explode, causing personal injury and damage.
 2. Use of accessories not recommended by Motorola Solutions may result in risk of fire, electric shock, or injury.

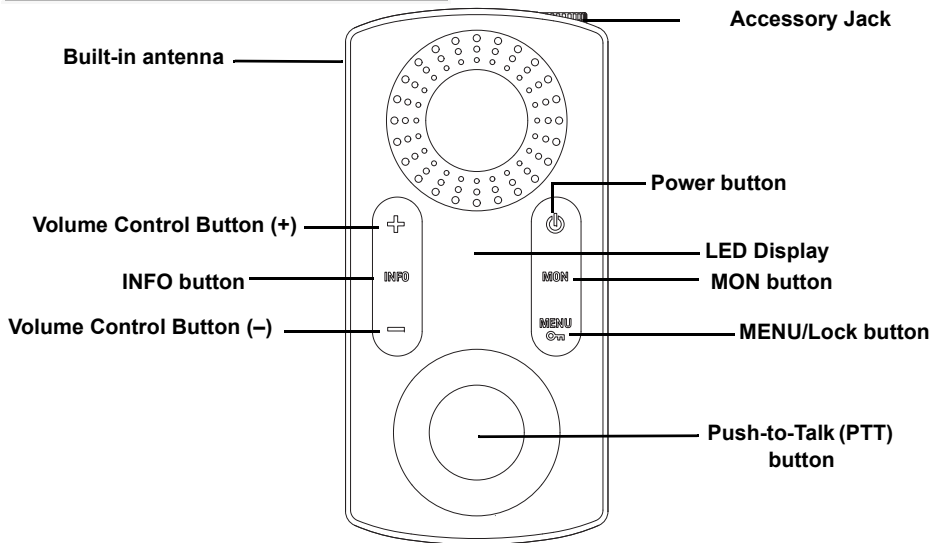
3. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
4. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in risk of fire and electric shock. If an extension cord must be used, make sure that the cord size is 18 AWG for lengths up to 100 feet (30.48 m), and 16 AWG for lengths up to 150 feet (45.72 m).
5. To reduce risk of fire, electric shock, or injury, do not operate the charger if it has been broken or damaged in any way. Take it to a qualified Motorola Solutions service representative.
6. Do not disassemble the charger; it is not repairable and replacement parts are not available. Disassembly of the charger may result in risk of electrical shock or fire.
7. To reduce risk of electric shock, unplug the charger from the AC outlet before attempting any maintenance or cleaning

OPERATIONAL SAFETY GUIDELINES

- Turn the radio OFF when charging battery.
 - The charger is not suitable for outdoor use. Use only in dry locations/conditions.
 - Connect charger only to an appropriately fused and wired supply of the correct voltage (as specified on the product).
 - Disconnect charger from line voltage by removing main plug.
 - The outlet to which this equipment is connected should be nearby and easily accessible.
 - In equipment using fuses, replacements must comply with the type and rating specified in the equipment instructions.
 - Maximum ambient temperature around the power supply equipment must not exceed 104 °F (40 °C).
- Power output from the power supply unit must not exceed the ratings stated on the product label located at the bottom of the charger.
 - Make sure that the cord is located where it will not be stepped on, tripped over, or subjected to water, damage, or stress.

RADIO OVERVIEW

PARTS OF THE RADIO



Built-in Antenna

The antenna for the CLK radio is non-removable.

Volume Control Button (+)

Short press – Increases the volume gradually.

Note: Use this button to scroll through menu items when in Menu mode.

Long press – Increases the volume continuously.

INFO Button

Short press – Displays and announces current channel and battery level.

To stop status display and Voice Announcement, press this button again. The radio returns to idle mode.

Volume Control Button (–)

Short press – Decreases the volume gradually.

Note: Use this button to scroll through menu items when in Menu mode.

Long press – Decreases the volume continuously.

Accessory Jack

This jack is used to connect accessories like audio accessory, programming cable, and other authorized accessories.

Power Button

Long press/short press – Powers the radio on/off.

The **Power** button plays a different function when pressed simultaneously with other buttons.

- When pressed with the **Volume Control Button (+)**, the radio powers up in factory reset mode.
- When pressed with the **INFO** button, the radio powers up in cloning mode.
- When pressed with the **Volume Control Button (–)**, the radio establishes a connection with the connected PC.

MON Button

Short press (during transmission) – Sends a Call Tone.

Long press – The radio monitors for activity in the channel.

Menu/Lock Button

Short press - Radio enters the Menu. Press again to navigate from one menu setting to another.

Long press - Locks and unlocks the radio buttons, except the **Volume Control Buttons** and **PTT** button.





Push-To-Talk (PTT) Button






Press and hold down the **PTT** button to talk. Release the **PTT** button to listen.

If the PTT hold feature is enabled, you can press the **PTT** button to start transmitting and release the **PTT** button while transmitting without terminating the transmit activity.

DISPLAY ICONS

The following icons are icons that appear on the LED display of the radio.

	Feature Enabled This icon indicates that a feature is being enabled.
	Feature Disabled This icon indicates that a feature is being disabled.
	Receiving Indicates that the radio is receiving.
	Transmitting Indicates the radio is transmitting.

	<p>Channel Indicates the Channel number the radio is currently in.</p> <p>Note: Display icon differs according to the current channel the radio is in.</p>
	<p>Scan Indicates Scan feature in the Menu setting.</p>
	<p>Squelch Level Indicates squelch level settings. There are three squelch levels.</p>
	<p>VOX Initiates a hands-free voice activated call.</p>
	<p>Voice Announcement If enabled, the radio audibly indicates to announce the radio operations.</p>

BATTERIES AND CHARGERS

The CLK radio provides a Lithium-Ion battery that comes in 1130 mAh capacity.

BATTERY FEATURES AND CHARGING OPTIONS

About the Li-Ion Battery

The CLK radio comes equipped with a rechargeable Li-Ion battery. This battery should be fully charged before initial use to ensure optimum capacity and performance.

Battery life is determined by several factors. Among the more critical are the regular overcharge of batteries and the average depth of discharge with each cycle. Typically, the greater the overcharge and the deeper the average discharge, the fewer cycles a battery will last. For example, a battery which is overcharged and discharged 100% several times a day, lasts fewer cycles than a battery that receives less of an overcharge and is discharged to 50% per day. Further, a battery which receives minimal overcharging and averages only 25% discharge, lasts even longer.

Motorola Solutions batteries are designed specifically to be used with a Motorola Solutions charger and vice versa. Charging in non-Motorola Solutions equipment may lead to battery damage and void the battery warranty. The battery should be at about 77°F (25°C) (room temperature), whenever possible. Charging a cold battery (below 50° F [10°C]) may result in leakage of electrolyte and ultimately in failure of the battery. Charging a hot battery (above 95°F [35°C]) results in reduced discharge capacity, affecting the performance of the radio. Motorola Solutions rapid-rate battery chargers contain a temperature-sensing circuit to ensure that batteries are charged within the temperature limits stated above.

Installing the Lithium-Ion (Li-Ion) Battery

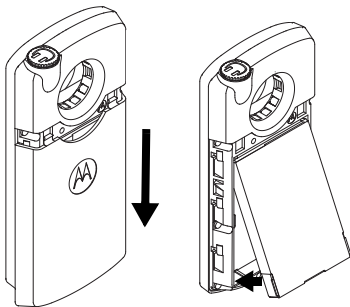


Figure 1: Gently push and slide the back cover downward.

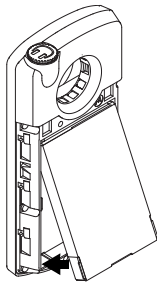


Figure 2: Insert the battery and ensure that the battery grooves are connected to the radio grooves.

1. Turn off the radio.
2. To remove the back cover of the radio, gently press the back cover down and slide downwards.

3. Insert the battery by connecting the grooves of the battery to the grooves on the radio then, push it down. Refer to Figure 1.

Note: To learn about the Li-Ion Battery Life features, refer to “About the Li-Ion Battery” on page 11.

Removing the Lithium-Ion (Li-Ion) Battery

1. Turn OFF the radio.
2. Gently push the back cover of the radio and slide the cover down.
3. Lift and detach the battery from the radio.

Charging the Radio with the Single-Unit Charger

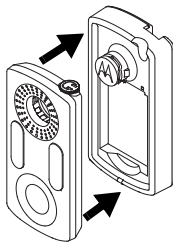


Figure 3: Connecting the radio to the single-unit charger

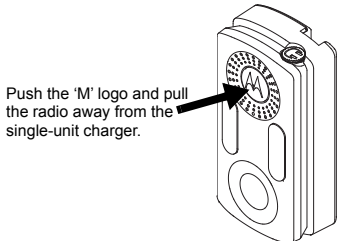



Figure 4: Detaching the radio from the single-unit charger

1. Ensure that the radio is switched off before connecting the radio to the charger.
2. Connect the radio to the charger and make sure that there is a clicking sound. Refer to Figure 3.
3. Plug the AC Adaptor into a power outlet.
4. To detach the radio from the charger, pull the radio away from the charger while pressing the  logo down. Refer to Figure 4.

Charging A Standalone Battery

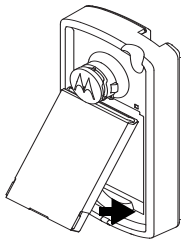


Figure 5: Insert the battery into the single-unit charger

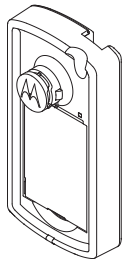






Figure 6: Battery is attached to the single-unit charger




1. Remove the battery from the radio.
2. Insert the battery into the single-unit charger.
3. Plug the AC Adaptor into a power outlet.

LED Display Battery Indicators

Icon	Comments
	Battery is fully charged
	Battery power is at a medium level
	Battery power level is low
	Battery power level is critically-low. An alert tone sounds every 2 minutes.

Charger LED Indicators

Table 1: Charger LED Indicator

Status	LED Indicator		
Charging	Steady Red Indication		Charging in progress.
Charge complete	Steady Green Indication		Battery is fully charged.
Battery fault	Blinking Red Indication		Battery was faulty when inserted. Re-inserting the battery solves the issue.

Notes

TROUBLESHOOTING

Symptom	Try This...
No Power	Recharge or replace the Li-Ion battery. Extreme operating temperatures may affect battery life. Refer to “Batteries and Chargers Safety Information” on page 5.
Hearing other noises or conversation on a channel	Confirm Interference Eliminator Code is set. Frequency or Interference Eliminator Code may be in use. Change settings: Change frequencies or codes on all radios. Make sure radio is at the right frequency and code when transmitting. Refer to “Frequency and Code Charts” on page 31.
Message Scrambled	Scramble Code might be ON, and/or setting does not match the other radio settings.
Audio quality not good enough	Radio settings might not be matching up correctly. Double check frequencies, codes, and bandwidths to make sure the radio settings are identical in all radios.

Symptom	Try This...
Limited talk range	<p>Steel and/or concrete structures, heavy foliage, buildings or vehicles decrease range. Check for clear line of sight to improve transmission.</p> <p>Wearing radio close to body such as in a pocket or on a belt decreases range. Change location of radio. To increase range and coverage, you can reduce obstructions or increase power. UHF radios provides greater coverage in industrial and commercial buildings. Increasing power provides greater signal range and increased penetration through obstructions.</p> <p>Refer to "Talk Range" on page 25.</p>
Message not transmitted or received	<p>Make sure the PTT button is completely pressed when transmitting.</p> <p>Confirm that the radios have the same Channel, Frequency, Interference Eliminator Code and Scramble Code settings. Refer to "Frequency and Code Charts" on page 31 for further information.</p> <p>Recharge, replace and/or reposition batteries.</p> <p>Obstructions and operating indoors, or in vehicles, may interfere. Change location. Refer to "Talk Range" on page 25.</p> <p>Verify that the radio is not in Scan. Refer to "Starting and Stopping Scan" on page 27 and "Nuisance Channel Delete" on page 27.</p>
Heavy static or interference	<p>Radios are too close; they must be at 1.5 meters apart.</p> <p>Radios are too far apart or obstacles are interfering with transmission.</p> <p>Refer to "Talk Range" on page 25.</p>

Symptom	Try This...
Low batteries	Recharge or replace Li-Ion battery. Extreme operating temperatures affect battery life.
Drop-in Charger LED light does not blink	Check that the radio/battery is properly inserted and check the battery/charger contacts to ensure that they are clean and charging pin is inserted correctly. Refer to “Charging the Radio with the Single-Unit Charger” on page 13, “Charging the Radio with the Single-Unit Charger” on page 13 and “Installing the Lithium-Ion (Li-Ion) Battery” on page 12.
Low battery indicator is blinking although new batteries are inserted	Refer to “Installing the Lithium-Ion (Li-Ion) Battery” on page 12.
Cannot activate VOX	VOX feature might be set to OFF. Accessory not working or not compatible. Refer to “Hands-Free Use/VOX” on page 28.
Battery does not charge although it has been placed in the drop-in charger for a while	Check drop-in tray charger is properly connected and correspond to a compatible power supply. Refer to “Charging the Radio with the Single-Unit Charger” on page 13 and “Charging A Standalone Battery” on page 14. Check the charger’s LEDs indicators to see if the battery has a problem. Refer to “Charger LED Indicators” on page 15.

GETTING STARTED

For the following explanations, refer to “Parts Of The Radio” on page 7.

TURNING RADIO ON/OFF

To turn ON the radio, press the **Power** button. The display shows the Channel for five seconds.

To turn the radio OFF, long press the **Power** button.

Adjusting Volume

To increase the volume, press the **Volume Control Button (+)** button. To increase the volume continuously, long press the **Volume Control Button (+)** button.


Notes: When listening through the earpiece, set the volume to a level that is comfortable to your hearing. Increasing the volume abruptly may cause discomfort.

Selecting a Channel

1. Press the **MENU** button.
The channel number flashes on the LED display.
2. Press the **Volume Control Button (+/-)** to the required Channel.
The display shows the Channel name for five seconds.
3. Press the **PTT** button to confirm the selected Channel.

Receiving a Call

1. Select a channel by pressing the **MENU** button then, press the **Volume Control Button (+/-)** until you reach the desired channel.
The display shows the Channel name for five seconds.
2. Make sure the **PTT** button is released and listen for voice activity.
3. To respond, press the PTT button on the radio or audio accessory to talk and release it to listen.

	<p>This radio is not encrypted, any classified communication as defined by the law is prohibited. This radio is subjected to interference by other radios.</p>
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WARNING

Talk Range

The CLK radio has been designed to maximize performance and improve transmission range in the field. It is recommended that you do not use the radios closer than 1.5 meters apart, to avoid interference. Under normal circumstances, the CLK radio coverage is 7400 square meters, or up to 6 floors.

Talk range depends on the terrain. It will be affected by concrete structures, heavy foliage and by operating radios indoors or in vehicles. Optimal range occurs in flat, open areas with up to 9 kilometers of coverage. Medium range occurs when buildings and trees are in the way.

To establish a proper two-way communication, the Channel, Frequency and Interference Eliminator Codes must be the same on both radios. This depends on the stored profile that has been pre-programmed on the radio:

1. **Channel:** Current channel that the radio is using, depending upon radio model.
2. **Frequency:** The frequency the radio uses to transmit/receive.
3. **Interference Eliminator Code:** These codes help minimize interference by providing a choice of code combinations.
4. **Scramble Code:** Codes that make the transmissions sound garbled to anyone listening who is not set to that specific code.

MENU OPTIONS

To access the radio menu, short press the **MENU** button. If the voice announcement is enabled, you will hear the "Main Menu" announcement.

Use the **Volume Control Button (+/-)** to scroll through the menu items.

The LED display shows the current configurable feature icon and setting. The features which are configurable on the radio are as follow:

- Channel
- Scan
- Squelch Level
- VOX
- Voice Announcement

Selecting a Channel

This feature is the first feature on the radio Menu. The channel numbers that can be supported by the display are Channel 1 to 16.

To change channels, press the **Volume Control Button (+/-)**.

To select a channel, press the **PTT** button or wait until the display returns to the Home screen. The LED display shows the new Channel number.

Starting and Stopping Scan

Scan allows you to monitor other channels to detect conversations. When the radio detects a transmission, it stops scanning and goes to the active channel. This allows you to listen and talk to people in that channel without having to change channel.

To activate the Scan feature, press the **MENU** button until the Scan icon displays. Press the **Volume Control Button (+/-)** to turn on or off the Scan feature.

The radio only scans the channels which are programmed in the Scan List for each channel

The radio does not automatically exit Scan mode after the Menu timer expires. To exit Scan mode, press the **PTT** button.

To pause Scan and return to the menu, press the **MENU** button.

Nuisance Channel Delete

Nuisance Channel Delete allows you to temporarily remove channels from the Scan List. This feature is useful when irrelevant conversations on a 'nuisance' channel ties up the radio's scanning feature.

To delete a channel from the Scan List:

- Start Scan mode by pressing the **MENU** button then, navigate to the Scan feature and enable scan by using the **Volume Control Button (+/-)**.
- Wait until the radio stops receiving at the channel you wish to eliminate. Long press the **MON** button to delete the channel.




The channel will not be scanned again until you exit the Scan mode by short pressing the **PTT** button or by turning OFF the radio and back ON.

Setting Squelch Levels

You can adjust the squelch level of the radio to filter out unwanted calls with low signal strength or channels that have a higher than normal background noise.

Press the **MENU** button until the Squelch icon appears. To select squelch level, press the **Volume Control Button (+/-)**.

There are three squelch levels and the default squelch level is Level 2. The levels are indicated by the following icons:

	Level 1
	Level 2
	Level 3

To save squelch level and exit Menu, press the **PTT** button.

HANDS-FREE USE/VOX

The CLK radio can operate hands-free (VOX) when used with compatible VOX accessories.

With Compatible VOX Accessories

The default factory setting for VOX sensitivity level is Medium (level '2'). To use VOX, perform the following steps:

1. Turn the radio OFF.
2. Open accessory cover.
3. Insert the plug of the audio accessory firmly into accessory port.
4. Turn radio ON.
5. Lower radio volume BEFORE placing accessory near ear.
6. To transmit, speak into accessory microphone and to receive, stop talking.
7. VOX can be temporarily disabled by pressing the **PTT** button or by removing the audio accessory.

Note: To order accessories, contact your Motorola Solutions point of purchase

Enabling and Disabling VOX

Press the Menu button until the VOX icon displays. To enable or disable VOX, press the **Volume Control Button (+/-)**.

To save the VOX setting and exit the menu, press the **PTT** button.

Voice Announcement

This feature enables the radio to audibly indicate the radio operations. The Voice Announcement feature is enabled by default.

To change the Voice Announcement setting, press the **MENU** button until the Voice Announcement icon displays. To turn the Voice Announcement on or off, press the **Volume Control Button (+/-)**.

PROGRAMMING FEATURES

Your dealer or system administrator may have customized your radio for your specific needs. Check with your dealer or system administrator for more information.

Sign of Life

When the radio is idle, the LED display lights up seven seconds after the last detected activity. The display lights up for 0.6 seconds to show that the radio is still on but in idle mode.

The following image shows the animation of the 'Sign of Life' feature.



PTT Hold

This feature allows you to press the **PTT** button to start transmitting and release the **PTT** button while transmitting without terminating the transmit activity.

The radio stops transmitting when the **PTT** button is pressed again or when the time-out timer expires.

Transmit Time-Out Timer

This timer sets the amount of time that the radio can continuously transmit before the transmission is automatically terminated. The default setting is 60 seconds.

One Touch Volume

This feature allows you to adjust the volume from the current level to the preset level by pressing the **PTT** button.

When this feature is enabled, the **PTT** button works as a **One Touch Volume** button when an audio accessory is connected to the radio.

The audio volume increases or decreases to the preset value when the **PTT** button is pressed.

The **PTT** button functions as a transmit button when this feature is disabled.

Call Tone

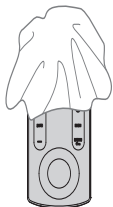
Call Tones feature allows you to transmit an audible tone to other radios on the same channel to alert them that you are about to talk or to alert them without speaking.

Call Tone can be sent during transmission by pressing the **MON** button.

Reverse Burst

Reverse Burst eliminates unwanted noise (squelch tail) during loss of carrier detection.

USE AND CARE



Use a soft damp cloth to clean the exterior

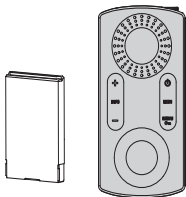


Do not immerse in water

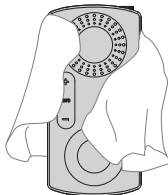


Do not use alcohol or cleaning solutions

If the radio is submerged in water...



Turn radio OFF and remove batteries



Dry with soft cloth



Do not use radio until completely dry

FREQUENCY AND CODE CHARTS

The charts in this section provide Frequency and Code information. These charts are useful when using the Motorola Solutions CLK two-way radios with other business radios.

Default Channel Frequency and Interference Eliminator Code

#Channel	Frequency (MHz)	PL / DPL
1	446.00625	67.0 Hz
2	446.01875	67.0 Hz
3	446.03125	67.0 Hz
4	446.04375	67.0 Hz
5	446.05625	67.0 Hz
6	446.06875	67.0 Hz
7	446.08125	67.0 Hz
8	446.09375	67.0 Hz
9	446.00625	754
10	446.01875	754
11	446.03125	754

#Channel	Frequency (MHz)	PL / DPL
12	446.04375	754
13	446.05625	754
14	446.06875	754
15	446.08125	754
16	446.09375	754

CTCSS AND PL/DPL CODES

CTCSS Codes

CTCSS	Hz
1	67.0
2	71.9
3	74.4
4	77.0
5	79.7
6	82.5
7	85.4
8	88.5
9	91.5
10	94.8
11	97.4
12	100.0
13	103.5
14	107.2
15	110.9

CTCSS	Hz
16	114.8
17	118.8
18	123
19	127.3
20	131.8
21	136.5
22	141.3
23	146.2
24	151.4
25	156.7
26	162.2
27	167.9
28	173.8
29	179.9
30	186.2

CTCSS	Hz
31	192.8
32	203.5
33	210.7
34	218.1
35	225.7
36	233.6
37	241.8
38	250.3
122 (*)	69.3
124	Customized CTCSS
125	Customized CTCSS
126	Customized CTCSS
127	Customized CTCSS
128	Customized CTCSS
129	Customized CTCSS

Note: (*) New CTCSS Code.

PL/DPL Codes

DPL	Code
39	23
40	25
41	26
42	31
43	32
44	43
45	47
46	51
47	54
48	65
49	71
50	72
51	73
52	74
53	114
54	115

DPL	Code
55	116
56	125
57	131
58	132
59	134
60	143
61	152
62	155
63	156
64	162
65	165
66	172
67	174
68	205
69	223
70	226

DPL	Code
71	243
72	244
73	245
74	251
75	261
76	263
77	265
78	271
79	306
80	311
81	315
82	331
83	343
84	346
85	351
86	364

PL/DPL Codes (Continued)

DPL	Code
87	365
88	371
89	411
90	412
91	413
92	423
93	431
94	432
95	445
96	464
97	465
98	466
99	503
100	506
101	516
102	532
103	546

DPL	Code
104	565
105	606
106	612
107	624
108	627
109	631
110	632
111	654
112	662
113	664
114	703
115	712
116	723
117	731
118	732
119	734
120	743

DPL	Code
121	754
123	645
124	Customized PL
125	Customized PL
126	Customized PL
127	Customized PL
128	Customized PL
129	Customized PL
130	Inverted DPL 39
131	Inverted DPL 40
132	Inverted DPL 41
133	Inverted DPL 42
134	Inverted DPL 43
135	Inverted DPL 44
136	Inverted DPL 45
137	Inverted DPL 46
138	Inverted DPL 47

PL/DPL Codes (Continued)

DPL	Code
139	Inverted DPL 48
140	Inverted DPL 49
141	Inverted DPL 50
142	Inverted DPL 51
143	Inverted DPL 52
144	Inverted DPL 53
145	Inverted DPL 54
146	Inverted DPL 55
147	Inverted DPL 56
148	Inverted DPL 57
149	Inverted DPL 58
150	Inverted DPL 59
151	Inverted DPL 60
152	Inverted DPL 61
153	Inverted DPL 62
154	Inverted DPL 63
155	Inverted DPL 64

DPL	Code
156	Inverted DPL 65
157	Inverted DPL 66
158	Inverted DPL 67
159	Inverted DPL 68
160	Inverted DPL 69
161	Inverted DPL 70
162	Inverted DPL 71
163	Inverted DPL 72
164	Inverted DPL 73
165	Inverted DPL 74
166	Inverted DPL 75
167	Inverted DPL 76
168	Inverted DPL 77
169	Inverted DPL 78
170	Inverted DPL 79
171	Inverted DPL 80
172	Inverted DPL 81

DPL	Code
173	Inverted DPL 82
174	Inverted DPL 83
175	Inverted DPL 84
176	Inverted DPL 85
177	Inverted DPL 86
178	Inverted DPL 87
179	Inverted DPL 88
180	Inverted DPL 89
181	Inverted DPL 90
182	Inverted DPL 91
183	Inverted DPL 92
184	Inverted DPL 93
185	Inverted DPL 94
186	Inverted DPL 95
187	Inverted DPL 96
188	Inverted DPL 97
189	Inverted DPL 98

PL/DPL Codes (Continued)

DPL	Code
190	Inverted DPL 99
191	Inverted DPL 100
192	Inverted DPL 101
193	Inverted DPL 102
194	Inverted DPL 103
195	Inverted DPL 104
196	Inverted DPL 105
197	Inverted DPL 106
198	Inverted DPL 107
199	Inverted DPL 108

DPL	Code
200	Inverted DPL 109
201	Inverted DPL 110
202	Inverted DPL 111
203	Inverted DPL 112
204	Inverted DPL 113
205	Inverted DPL 114
206	Inverted DPL 115
207	Inverted DPL 116
208	Inverted DPL 117
209	Inverted DPL 118

DPL	Code
210	Inverted DPL 119
211	Inverted DPL 120
212	Inverted DPL 121
213	Inverted DPL 123
214	Customized DPL
215	Customized DPL
216	Customized DPL
217	Customized DPL
218	Customized DPL
219	Customized DPL

MOTOROLA SOLUTIONS LIMITED WARRANTY

WARRANTY INFORMATION

The authorized Motorola Solutions dealer or retailer where you purchased your Motorola Solutions two-way radio and/or original accessories will honor a warranty claim and/or provide warranty service. Please return your radio to your dealer or retailer to claim your warranty service. Do not return your radio to Motorola Solutions. To be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The two-way radio should also clearly display the serial number. The warranty will not apply if the type or serial numbers on the product have been altered, deleted, removed or made illegible.

WHAT IS NOT COVERED BY THE WARRANTY

- Defects or damage resulting from use of the Product in other than its normal and customary manner or by not following the instructions in this user guide.
- Defects or damage from misuse, accident or neglect.
- Defects of damage from improper testing, operation, maintenance, adjustment or any alteration or modification of any kind.
- Breakage or damage to aeriels unless caused directly by defects in material or workmanship.
- Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- Defects or damage due to moisture, liquid or spills.
- All plastic surfaces and all other externally exposed parts that are scratched or

damaged due to normal use.

- Products rented on a temporary basis.
- Periodic maintenance and repair or replacement of parts due to normal usage, wear and tear.

ACCESSORIES

AUDIO ACCESSORIES

Part No.	Description
HKLN4602_	Single pin earpiece with in-line push-to-talk (PTT), PVC
HKLN4603_	Single pin surveillance earpiece with push-to-talk (PTT), PVC free
HKLN4529_	Single pin short cord earpiece with push-to-talk (PTT), PVC free
RLN6242_	Quick disconnect acoustic tube replacement
PMLN7081_	Earpiece with External Mic and PTT (Changeable Eartips)
AY000170A01	Earhook For PMLN7081_
AY000171A01	Earbud S/M/L For PMLN7081_

BATTERY

Part No.	Description
HKNN4014_	Standard Li-Ion Battery BT60 1130 mAh

CHARGERS

Part No.	Description
PMPN4488_	CLK Standard Drop-In Tray Single Unit Charger with UK adaptor

CARRY ACCESSORIES

Part No.	Description
PMLN7078_R	CLK Spring Belt Clip Kit
PMLN7079_R	CLK Lanyard Kit
PMLN5231_R	CLK Magnetic Belt Clip Kit
PMLN5232_R	CLK Arm Band Kit
PMLN5233_R	CLK Wrist Band Kit

COVER

Part No.	Description
15012279001	Audio Jack Cover

Notes



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