

CLP Series Chargers Instruction Leaflet




Single-Unit Charger
(P/N PMPN4018/PMPN4019)



Multi Unit Charger
(P/N PMPN4020)




68012004048-BE

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IMPORTANT SAFETY INSTRUCTIONS

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

Before using the battery charger, read all the instructions and cautionary markings on (1) the charger, (2) the battery, and (3) on the radio using the battery.



1. To reduce the risk of injury, charge only the rechargeable Motorola Solutions authorized batteries listed in this document. 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 the risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.



WARNING

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 6.5 feet (2.0 m) and 16 AWG for lengths up to 9.8 feet (3.0 m).
5. To reduce the 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 the risk of electric shock, unplug the transformer from the AC outlet before attempting any maintenance or cleaning.
8. Connect the USB charger to a nearby and easily accessible socket outlet.

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.
- Maximum ambient temperature around the power supply equipment must not exceed 40 °C (104 °F).
- Make sure that the cord is located where it cannot be stepped on, tripped over, or subjected to water, damage, or stress.

MOTOROLA SOLUTIONS AUTHORIZED BATTERIES

Kit No.	Description
HKNN4013_	CLP Series High Capacity Li-Ion Battery
HKNN4014_	CLP Series Standard Li-Ion Battery

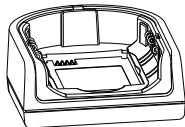
MOTOROLA SOLUTIONS AUTHORIZED POWER SUPPLIES

Kit No.	Description
PS000042A14	Power Supply, Micro USB, Australia/New Zealand
NNTN7880_	CLP Series Single-Unit Charger Tray
PMPN4018_	CLP SUC Australia Kit (includes Single-Unit Charger Tray and Power Supply)
PMPN4020_	CLP MUC Australia/New Zealand Kit (includes Multi-Unit Charger and Power Cord)
HKLN5009_	CLPe MUC Power Supply Kit Australia/New Zealand (includes Power Supply Unit and Power Cord)

Charging with the Drop-in Tray Single-Unit Charger (SUC)

1. Place the drop-in tray charger on a flat surface.
2. Insert the connector of the power supply into the Micro USB port on the front of the drop-in tray charger.
3. Connect the correct power supply to a proper AC outlet.
4. Insert the radio facing down into the tray, making sure the charging contacts on the charger are aligned with the contacts on the radio.

Note: Turn OFF the radio when charging a battery attached to a radio. The radio fits in the charger with the holster attached when placed facing down in the tray.



Kit # PMPN4018_ / PMPN4019_

Cloning Radios using the Single-Unit Charger (SUC)



Cloning Cable
HKKN4026_ (Not included)

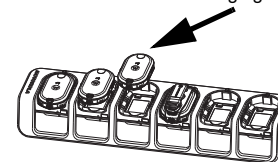
1. Unplug any cables (power supply or USB cables) from the Single-Unit Chargers.
2. Plug one side of the cloning cable micro connector to one Single-Unit Charger. Plug the other end to the second Single-Unit Charger.
- Note:** During the cloning process no power is being applied to the Single-Unit Charger. The batteries are not being charged. A data communication is being established between the two radios.
3. Turn ON the "Target Radio" and place it facing down into one of the Single-Unit Chargers.

4. On the "Source Radio", power the radio following the sequence below:
 - Press and hold the Push-to-Talk (PTT) and the "-" buttons simultaneously while turning the radio ON until you hear the Cloning Tone.
5. Place the "Source Radio" in its Single-Unit Charger with an Audio accessory, then press and release Menu Button to start the cloning process.
6. After cloning is completed, the "Source Radio" sounds either a "pass" tone (cloning was successful) or a "fail" tone (cloning process has failed). The pass tone sounds like a good key "chirp" whereas the "fail" tone sounds similar to a "bonk" tone. (A tone is heard in no more than 5 seconds).

Once you have completed the cloning process, you should turn the radios "OFF" and "ON" to bring them to normal user mode (exit "clone" mode).

Charging with the Drop-In Tray Multi-Unit Charger (MUC)

Radio should be facing down when charging



Kit # PMPN4020_

The Multi-Unit Charger (MUC) allows drop-in charging of up to 6 radios. Each of the 6 charging pockets can hold a radio (with battery installed).

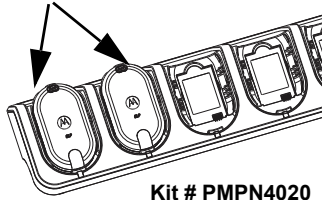
The Multi-Unit Charger provides pockets for headset storage.

1. Place the charger on a flat surface or mount it on the wall.
2. Insert the power cord plug into the jack on the MUC.

3. Plug the cord into an AC outlet and then into charger.
 4. Turn the radio OFF.
 5. Insert the radio (with battery installed) facing down into the charging pocket.
- Note:** The battery can be charged by itself using the slot on the flat surface of the charging pocket.

Cloning Radios using the Multi-Unit Charger (MUC)

Charging/Cloning Pocket



Kit # PMPN4020_

Note: This MUC allows you to clone up to 2 radios (2 source radios and 2 target radios).

1. To put the source radio into clone mode, press and hold PTT and the "-" buttons while turning the radio ON until you hear the Cloning Tone.

2. Place the source radio into one of the charging pockets that has the "CLONE" label.
3. Turn the target radio ON and place it in the pairing charging pocket that has the "CLONE" label and start the cloning process.
4. Press the "Menu" button on the source radio to start the cloning process. The source radio generates the start clone tone.
5. Once the cloning is completed, turn the target radio OFF and back ON again in order to activate the radio.
6. To clone another radio, repeat steps 3, 4 and 5.
7. To exit clone mode on the source radio, turn the radio OFF.

Charging Status LEDs




On the SUC, the radio charging pocket has an LED indicator. On the MUC, each of the 6 charging pockets has an LED indicator.

The LED indicators are grouped into pairs to show which charging pockets are paired. The LED is red when the battery is charging, then it turns to green once the battery is fully charged.

ESTIMATED CHARGING TIME

Charger Type	Standard Li-Ion	High Capacity Li-Ion
Single-Unit Charger	4 Hours	5.5 Hours
Multi Unit Charger	2.5 Hours	4 Hours

CHARGER LED INDICATOR

Status	LED Status	Comments
Charging	Steady Red Indication 	The Charger is currently charging.
Charge Complete	Steady Green Indication 	Battery is fully charged.
Battery Fault	Blinking Red 	Battery was faulty when inserted. Re-seating the battery pack can likely correct the issue.

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