



Radio Communications Supply &
Installation Specialist

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User Guide

CLP Series Single Unit Charger (SUC)



P/N IXPN4028



en	da-DK	de-DE	es-ES	fr-FR	it-IT	nl-NL
nb-NO	pl-PL	pt-PT	ru-RU	fi-FI	sv-SE	tr-TR
						uk-UA

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.



WARNING

1. To reduce the risk of injury, charge only the rechargeable Motorola Solutions authorised 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.
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.

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 AUTHORISED BATTERIES

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

MOTOROLA SOLUTIONS AUTHORISED POWER SUPPLIES

Kit No.	Description
PS000042A12	CLP Series EU Power Supply Adaptor
PS000042A13	CLP Series UK Power Supply Adaptor
NNTN7880_	CLP Series SUC Tray

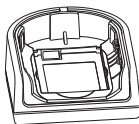
Note: When charging a battery attached to a radio, turn the radio OFF to ensure a full charge.
The radio fits in the charger when placed face down in the tray.

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

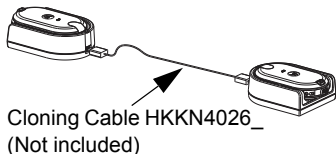
1. Place the drop-in tray charger on a flat surface.
2. Insert the connector of the power supply into the Micro USB port on the front of the drop-in tray charger.
3. Connect the correct power supply to a proper AC outlet.
4. Insert the radio into the tray, making sure the radio is facing down and the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




Kit # P/N IXP4028_



Cloning Radios using the Single Unit Charger (SUC)



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 “-”. Button simultaneously while turning the radio ON until you hear the Cloning Tone and Double Blinking Yellow  on the Smart Status Glow.
 5. Place the “Source Radio” facing down 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 Status LEDs



On the SUC, the radio charging pocket 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

CHARGER LED INDICATOR

Status	LED Status		Comments
Charging	Steady Red Indication		The Charger is currently charging.

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

RADIO LED INDICATOR

Status	LED Status		Comments
Cloning	Blinking Yellow		Cloning in progress.

Limited Warranty for Motorola Solutions Personal Communications Products Purchased

I. What Does This Warranty Cover?

- **Products.** Defects in materials and workmanship in wireless cellular telephones, pagers and/or two-way radios and certain accessories that are sold with them, such as the battery, battery charger and holster manufactured and/or sold by Motorola Solutions (Products).
- **Batteries.** Defects in materials and workmanship in batteries that are manufactured by Motorola Solutions and/or sold with Products are covered by this warranty only if the fully-charged capacity falls below 80% of rated capacity or they leak.

II. How Long Is The Period Of Coverage?

From the date the Products are purchased by the first end-user:

- **Products.** The warranty is for one year.
- **Software.** The warranty is for 90 days.
- **Repairs/Replacements.** The warranty is for the balance of the original warranty or for 90 days from the date you receive it, whichever is longer.

III. Who Is Covered?

This warranty extends to the first end-user purchaser only.

IV. What Will We Do To Correct Warranty Problems?

At no charge to you, we have the option to repair or replace the Products or software that do not conform to the warranty or to refund the Products' purchase price. We may use functionally equivalent reconditioned, refurbished, pre-owned or new Products or parts. No software updates are provided.

V. How Can You Obtain Warranty Service or Other Information?

At no charge to you, we have the option to repair or replace the Products or software that do not conform to the warranty or to refund the Products' purchase price. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products or parts. No software updates are provided.

For product information please visit us at: www.motorolasolutions.com/governmentandenterprise. You will receive instructions on how to ship the Products to Motorola Solutions. You must ship the Products to us with freight, duties and insurance prepaid. Along with the Products you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider (if this Product requires subscription service); (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number. If requested, you must also return all detachable parts such as antennas, batteries and chargers. ALWAYS RETAIN YOUR ORIGINAL PROOF OF PURCHASE. We will ship repaired or replacement Products at our expense for the freight and insurance, but at your expense for any duties.

VI. What This Warranty Does Not Cover

- Products that are operated in combination with ancillary or peripheral equipment or software not furnished by Motorola Solutions for use with the Products ("ancillary equipment") or any damage to the Products or ancillary equipment as a result of such use. Among other things, "ancillary equipment" includes batteries, chargers, adaptors and power supplies not manufactured or supplied by Motorola Solutions. Any of these voids the warranty.
- Someone other than Motorola Solutions (or its authorised service centres) tests, adjusts, installs, maintains, alters, modifies or services the Products in any way. Any of these voids the warranty.

- Rechargeable batteries that: (a) are charged by other than the Motorola Solutions-approved battery charger specified for charging such batteries; (b) have any broken seals or show evidence of tampering; (c) are used in equipment other than the Product for which they are specified; or (d) are charged and stored at temperatures greater than 60 degrees centigrade. Any of these voids the warranty.
- Products that have: (a) serial numbers or date tags that have been removed, altered or obliterated; (b) board serial numbers that do not match each other, or board serial numbers that do not match the housing; or (c) non-conforming or non-Motorola Solutions housings or parts. Any of these voids the warranty.
- Defects or damage that result from: (a) use of the Products in a manner that is not normal or customary; (b) improper operation or misuse; (c) accident or neglect such as dropping the Products onto hard surfaces; (d) contact with water, rain, extreme humidity or heavy perspiration; (e) contact with sand, dirt or the like or (f) contact with extreme heat, or spills of food or liquid.
- Physical damage to the surface of the Products, including scratches, cracks or other damage to a display screen, lens or other externally exposed parts.
- Failure of Products that is due primarily to any communication service or signal you may subscribe to or use with the Products.
- Coil cords that are stretched or that have any broken modular tabs.
- Products that are leased.

Flat-rate repair rates may apply to Products not covered by this warranty. To obtain information about Products needing repairs that are not covered by this warranty, please call the telephone number previously listed. We will provide information on repair availability, rates, methods of payment, where to send the Products, etc.

VII. Some Other Limitations

This is Motorola Solutions' complete warranty for the Products and states your exclusive remedies.

This warranty is given in lieu of all other express warranties. Implied warranties, including without limitation, the implied warranties of merchant ability and fitness for a particular purpose, are given only if specifically required by applicable law. Otherwise, they are specifically excluded.

No warranty is made as to coverage, availability or grade of service provided by the Products, whether through a service provider or otherwise.

No warranty is made that the software will meet your requirements or will work in combination with any hardware or applications software products provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

In no event shall Motorola Solutions be liable, whether in contract or tort (including negligence) for damages in excess of the purchase price of the Product, or for any indirect, incidental, special or consequential damages of any kind, or loss of revenue or profits, loss of business, loss of information or data, or other financial loss arising out of or in connection with the ability or inability to use the Products, to the full extent these damages may be disclaimed by law.

VIII. Patent and Software Provisions

At Motorola Solutions' expense, we will defend you and pay costs and damages that may be finally awarded against you, to the extent that a lawsuit is based on a claim that the Products directly infringe a patent. Our obligation is conditioned on: (a) you notifying us promptly in writing when you receive notice of the claim; (b) you giving us sole control of the defence of the suit and all negotiations for its settlement or compromise; and (c) should the Products become, or in Motorola Solutions' opinion be likely to become, the subject of a claim of infringement of a patent, you permit us, at our option and expense, either to: procure for you the right to continue using the Products; replace or modify them so that they become non-infringing; or grant you a credit for such Products, as depreciated, and accept their return. The depreciation will be an equal amount per year over the lifetime of the Products, as established by Motorola Solutions.

Motorola Solutions will have no liability to you with respect to any claim of patent infringement that is based upon the combination of the Products or parts furnished under this limited warranty with ancillary equipment, as defined in Article VI above.

This is Motorola Solutions' entire liability with respect to infringement of patents by the Products.

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Some countries and other jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

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