

Six Unit Multi Charger

PROFESSIONAL TWO-WAY RADIO CHARGER

Model: CHU6

Intended Use

This universal rapid charger can charge a wide range of two-way radio rechargeable batteries. The charger works with the following:

- A. Lithium-ion, Lithium Polymer, Ni-CD, Ni-MH batteries
- B. Battery capacities between 700mAh and 4000mAh.

Important Safety Instructions

- Please read and follow the safety instructions and keep the instructions where they can be easily referenced.
- To reduce the risk of fire or electrical shock, keep the charger completely dry and never use it near water. Avoid exposing it to rain or humidity.
- Clean only with a dry cloth.
- Keep all vents clear and clean. Install in accordance with the manufacturer's instruction.
- Do not use or store near heat sources such as radiators, heat registers, stoves, amplifiers, or other objects that produce heat.
- If the provided plug is defective or does not fit into your outlet, contact your RCA Communications Systems Center for replacement.
- Avoid holding the charger by its cord, and keep the cord from being crushed or pinched.
- Only use attachments or accessories specified by the manufacturer.
- Unplug the charger during lightning storms and when storing it for an extended period of time.
- Use a certified RCA dealer only to service the charger.
- Do not modify the charger in any way.
- Do not replace the battery adapter or power supply with unauthorized parts, as the charger may be damaged and your warranty will be voided.
- Never attempt to charge alkaline or dry cell batteries as they may burst and cause serious injury.
- Never allow metal, wire, etc. to touch any internal part of the charger.
- Keep the battery and the charger contacts clean, in order to obtain a full charge on the battery.
- Never put batteries in a fire as they may explode and cause serious injury.
- Keep the charger away from televisions and radios to prevent interference.
- In order to avoid overcharging, promptly remove battery from the charger after its been fully charged. Batteries/radios must not be left in the charger for more than 15 hours.
- If a battery won't operate after being fully

charged, completely discharge it and try charging it again. If the battery still will not retain a charge, replace the battery with a new one.

- Replace old batteries with the exact type of battery or an explosion may occur.
- Do not expose the charger or batteries to direct sunlight for a prolonged period of time.
- To unplug the power cable, first turn off the Main Power Switch.

CHU6 Specifications

This tri-chemistry charger works with Li-Ion (Lithium-Ion), LiPo (Lithium Polymer), Ni-CD (Nickel-Cadmium) and Ni-MH (Nickel-Metal Hydride) batteries.

Dimensions: 20" x 6.8" x 3.2" (510 x 172 x 80mm)

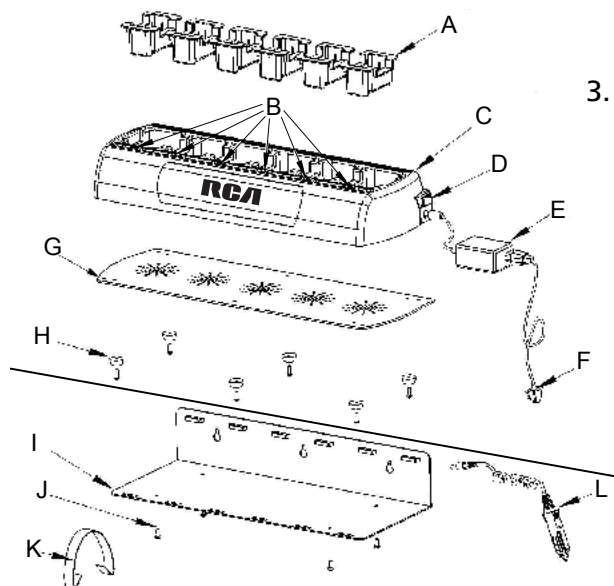
Weight: 5.5 lb. charger only (2.5 kg)

Operating Temp: 59° - 86°F (15° - 30°C)

Storage Temp: 32° - 149°F (0° - 65°C)

Power Supply: Input - 110 - 240V / Output - 15V 4.8A

Approval: FCC Approval



Accessories (Comes assembled)

- A. Charging Cup
- B. Individual LED Indicators
- C. Charger Base
- D. ON / OFF Switch
- E. 110 - 240V Power Supply
- F. Power Cord
- G. Aluminum Bottom Cover
- H. Rubber Foot w/ Screw

Vehicle Accessories (Optional)

- I. Side Mount Metal Bracket
- J. Locking Screw to the Aluminum Bottom
- K. Tie Down Strap
- L. Vehicle Power Adapter

*To purchase the optional Vehicle Charger Accessories, please contact your RCA Communications System Center.

Charging Procedure

1. Connect the AC adapter to the charger jack at the rear of the unit.
2. Plug the AC adapter into an electrical outlet.
3. The 6 LED indicators on the unit will be orange for a few seconds during the unit diagnosis and will turn off when the unit is ready for operation. (Note: The LED's will remain orange if the charger is not functioning properly.)
4. Slide a battery pack or a transceiver with a battery pack into an individual charger pod.
5. The charger pod's LED indicator will initially be orange during battery diagnosis which could last up to a minute.
6. The LED indicator will be red during charging cycle.
7. The LED indicator will blink green when the battery is at least 80% charged.
8. The LED indicator will be solid green when the battery is fully charged.
9. The battery may be removed when the LED indicator is flashing green or solid green.

PLEASE NOTE: Be sure ALL radios are turned off prior to placing them into the battery charger as internal parts can overheat during charging.

LED Indicator:

When the LED flashes red, a fault condition exists. There are three different flash patterns, each indicating a specific type of issue. The flash patterns and fault conditions are as follows:

One Flash - Indicates charging complete, but battery is under charged. Battery voltage is below minimum level required. This warning happens after charging is complete.

Two Flashes - Indicates battery contact is "open" and current is not passing through the (+) and (-) contacts on the battery. This warning is provided after the initial diagnostic stage is complete. Check charging pod to confirm compatibility with battery or contact your RCA dealer.

Three Flashes - Indicates over-current condition caused by battery short circuit. Have the battery checked by an RCA technician. Do not attempt to charge the battery if a short circuit exists.

IMPORTANT

1. After a charged battery is removed, the LED indicator may remain on for a few seconds. Please wait for the LED to turn off, before putting another battery/radio into the charging slot.

2. Using the charger outside the specified temperature range (59° - 86°F/15° - 30°C) may lead to erratic operation, and batteries can be under-charged.

WARRANTY STATEMENT

RCA Communications Systems warrants each new product it supplies to be free from defects in material and workmanship under normal use and service for the time period listed below, provided that the user has complied with the requirements stated herein.

The warranty period begins on the date of purchase from an Authorized RCA Communications Systems Sales and Service Center. This warranty is offered to the original end user and is not assignable or transferable. RCA Communications Systems is not responsible for any ancillary equipment which is attached to or used in conjunction with RCA Communications Systems products.

RCA Communications Systems offers to the original end user a One (1) Year Limited Warranty on the RCA CHU1 Single Unit Charger. During this period, if the product fails to function under normal use because of manufacturing defect(s) or workmanship, it should be returned to the Authorized RCA Communications Systems Sales and Service Center from which it was purchased. The Sales and Service Center will repair the product to full operating specifications or replace the product with a new product of the same make and model. The user is responsible for all charges incurred in returning the product to the Authorized RCA Communications Systems Sales and Service Center. RCA Communications Systems will be responsible for all charges in returning the product to the end user via standard ground shipping service.

RCA Communications Systems shall have no obligation to repair or replace the product, if there is damage as a result of normal wear and tear or if the damage is caused in whole or in part by catastrophe, fault or negligence of the user, improper or unauthorized alterations or repairs to the product, incorrect wiring, use of the product in a manner for which it was not designed, or by causes external to the product. The warranty does not cover physical or liquid damage, which includes, but is not limited to, liquid damage, deep scratches, bent or broken body or frame, and/or damaged charging or accessory ports. This warranty is void if the product serial number is altered, defaced or removed.

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Replacing A Charging Pod

The charging pod is made from quality materials and designed to provide years of service when properly used. In most cases, the charging pod will only be replaced when you want to use the charger with a different battery.

Follow these steps to change the charging pod:

1. Obtain a charging pod made specifically for the CHU1. Confirm that the charging pod is compatible with the battery you want to charge.
2. Unplug the power supply from the CHU1.
3. Turn the locking screw on the bottom of the charging pod counter-clockwise several rotations. Lift the charging pod from the charging base.
4. Insert the replacement charging pod into the charging base and secure with the locking screw. Do not over tighten the screw.
5. Inspect the charging contacts to ensure they are clean and unobstructed.
6. Connect the power supply to the CHU1. You are now ready to charge a battery compatible with the charging pod.

For Sales, Warranty and Customer Support please contact:

Discount Two-Way Radio Corporation – North American Distributor

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Harbor City, CA 90710

Phone: 310-224-5100 / Fax: 310-224-5101

www.DiscountTwo-WayRadio.com

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