

Thank you for purchasing the RadioShack Ni-Cd/Ni-MH Fast Charger. It charges two or four AA or AAA Ni-Cd or Ni-MH batteries in just two hours.

**Safety Timer Shut-Off** – turns off the charger to prevent over-charging the batteries.

**Alkaline Battery Protection and Bad Battery Detection** – prevents the unit from charging unnecessarily.

**Automatic Charging Current Selection** – chooses the best charging current according to battery size.

**2/4 Batteries Selection Switch** – lets you choose to charge two or four batteries at a time.

**Over-Current Protection** – keeps the current constant.

**Reverse Polarity Protection** – protects the charger and batteries if the batteries are incorrectly installed.

**Short Circuit Protection** – protects the charger from damage.

## IMPORTANT SAFETY INSTRUCTIONS

### SAVE THESE INSTRUCTIONS!

This manual contains important safety and operation instructions for your battery charger. Before using your charger, read all instructions and cautionary markings on the charger, the batteries to be charged, and the product that uses the batteries.

#### Warnings:

- Charge only Ni-Cd or Ni-MH batteries with this charger. Other types of batteries might burst, causing personal injury.
- Do not try to charge batteries other than those listed in this manual, or use procedures other than those described in this manual.
- Unplug the AC/DC adapter from AC outlet before attempting any maintenance or cleaning.
- Do not disassemble the charger; take it to a qualified service technician when service or repair is required. Improper reassembly may result in a risk of electric shock or fire.
- Do not use an attachment not recommended or sold by RadioShack as this could result in a risk of fire, electric shock, or injury.

#### Cautions:

- Do not expose the charger to rain or excessive moisture.
- Do not operate the charger if it has been dropped or damaged. Take it to a qualified service technician for repair.
- Do not use an extension cord. Its use could result in fire or electric shock.

- Never use the charger and the AC/DC adapter as a DC power source for any electrical equipment.

## THE FCC WANTS YOU TO KNOW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your charger.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your charger is ETL listed to UL standards and meets all applicable FCC requirements.

## OPERATION

Power the charger using the supplied 12V, 700mA AC adapter.

#### Cautions:



You must use a Class 2 power source that supplies 12V DC and delivers at least 700 mA. Its center tip must be set to positive and its plug must fit the charger's **DC 12V 700MA** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the charger or the adapter.

- Always connect the AC adapter to the charger before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the charger.

**Notes:**

- It is normal for batteries to become warm while charging.
- Charge the batteries in an area between 32 and 113°F (0 to 45 °C). If the area is too cold, the batteries can permanently lose their ability to charge. If the area is too warm, the batteries will not be fully charged.
- You can not charge different battery types (Ni-CD or Ni-MH), different battery sizes (AA or AAA), or different capacity batteries at the same time.
- If you charge two batteries, place them in the left charging chamber.

1. Plug the AC/DC adapter's barrel plug into the **DC 12V 700MA** jack on the side of the charger. Then pull out the AC/DC adapter's foldable plug, and plug the adapter into a standard AC outlet. The POWER indicator lights.

**Note:** If the POWER indicator does not light, make sure the AC/DC adapter and the charger are properly connected.

2. Slide **2 4** to the number of batteries you want to charge.
3. Lift the battery compartment cover and place AA or AAA batteries into the compartment according to the polarity symbols (+ and -) marked inside each chamber. The CHARGING indicator lights.

**Note:** If the CHARGING indicator does not light, unplug the charger, remove the batteries, and clean their contact surfaces. Then reinstall the batteries and plug in the charger. If the problem persists, the charger may be faulty. Take it to your local RadioShack store. If the CHARGING indicator flashes, one or more of the batteries may be defective or shorted, or there is alkaline battery. Replace the battery.

4. Close the cover.
5. When the batteries are fully charged, the CHARGING indicator turns off. Unplug the charger and remove the batteries.

**CARE**

Keep the charger dry; if it gets wet, wipe it dry immediately. Use and store the charger only in normal temperature environments. Handle the charger carefully; do not drop it. Keep the charger away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the charger's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your charger is not performing as it should, take it to your local RadioShack store for assistance.

**SPECIFICATIONS**

Adapter:

Input rating ..... AC 120V (±15V), 60Hz, Max 11W

Output voltage ..... DC 12V (±1V) @ 700mA  
DC 12.2V (±1V) at no load

Cable length ..... 6 Feet (1.8m)

Standard..... ETL/CETL

Charger:

Input voltage range ..... 11VDC to 16VDC

Charging current..... AA battery: 1000mA  
AAA battery: 400mA

Safety timer guard ..... 2.5 hours ± 5 minutes

Operating temperature ..... 32 to 113°F (0 to 45°C)

Storage temperature ..... -4 to 140°F (-20 to 60°C)

**Limited Ninety-Day Warranty**

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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