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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY BC-700. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY BC-700 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LA CROSSE TECHNOLOGY BC-700
User guide LA CROSSE TECHNOLOGY BC-700
Operating instructions LA CROSSE TECHNOLOGY BC-700
Instructions for use LA CROSSE TECHNOLOGY BC-700
Instruction manual LA CROSSE TECHNOLOGY BC-700

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1

BATTERY CHARGER

Instruction Manual

BEFORE USING OUR BATTERY CHARGER, READ IN DETAILS ALL INSTRUCTIONS CONTAINED IN THIS MANUAL. KEEP THIS MANUAL IN A SAFE PLACE AS YOU MAY NEED TO USE IT AT A LATER DATE.

We draw the attention of all users of this device: please follow the safety and maintenance instructions which are part of this manual. Also read the caution markings on the charger, the manual, and the gift box.



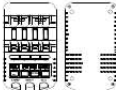
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INTRODUCTION:
Congratulations on purchasing this intelligent charging unit which enables quick and optimum charging to AA and AAA rechargeable batteries. With charging, discharging, recharging and standby test functions as well as individual LED displays for charging compartments, this clever grip unit is reliable, user-friendly and ideal for use in the home, office or in the car.

INVENTORY OF CONTENTS

1. Charging unit
2. Transformer
3. Instruction Manual

The Charging unit



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CAUTIONS:

1. The charger is restricted to charging **NiCd and NiMH rechargeable batteries only**. Never add this charger to other types of batteries such as alkaline (MnO₂), carbon zinc or other types that are not specified.
2. The charging unit shall only be used only at normal indoor room conditions.
3. Always follow the charging instructions for the rechargeable battery. Observe the recommended charging current of the rechargeable batteries. Never adopt a charging current higher than recommended on the charging process.
4. Never use any power cable and transformer other than those originally supplied with the charging unit.
5. The rechargeable batteries may become hot during charging (especially when high charging current is chosen). Users shall take extra care when taking out the batteries after charging.
6. Unplug the charging unit from the power source when not in use.

FEATURES:

The Charging unit

- Charging the rechargeable battery in trickle-current value (200, 500 or 700 mA)
- Individual LED display for compartments.
- Charging both AA and AAA rechargeable batteries simultaneously.

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Manual abstract:

KEEP THIS MANUAL IN A SAFE PLACE AS YOU MAY NEED TO USE IT AT A LATER DATE. We draw the attention of all users of this device: please follow the safety and maintenance instructions which are part of this manual. Also read the caution markings on the charger, the manual, and the gift box. 2

INTRODUCTION: Congratulations on purchasing this intelligent charging unit which enables quick and optimum charging to "AA" and "AAA" rechargeable batteries. With charging, discharging, refreshing and capacity test functions as well as individual LCD displays for charging compartments; this charging unit is reliable, user-friendly and ideal for use in the home, office or on journey. **CAUTIONS:** 1. The charger is restricted to charging NiCd and NiMH rechargeable batteries only. Never adopt this charger to other types of batteries such as alkaline, lithium, carbon zinc or other types that are not specified.

The charging unit shall only be used only at normal indoor room conditions. Always follow the charging instructions for the rechargeable battery. Observe the recommended charging current of the rechargeable batteries. Never adopt a charging current higher than recommended in the charging process. @@@@Unplug the charging unit from the power source when not in use. 2. 3.

INVENTORY OF CONTENTS 1. 2. 3. Charging unit Transformer Instruction Manual 4. @@The subsequent pressing of the mode key will enable to toggle between the "Charge", "Discharge", "Test" and "Refresh" mode.

To change the operating mode for an individual rechargeable battery, first press corresponding NUMBER key then press the MODE key. 5 6 DISPLAY key Press and release to select the displays of the charging current (in mA), time elapsed (in hh:mm), the terminal voltage (in V) and accumulated capacities (in mAh or Ah) during the charging or discharging process. To change the display content of a particular rechargeable battery, first press corresponding NUMBER key then press the DISPLAY key. d. repeatedly until no further increase in the capacity is estimated. For old rechargeable batteries or those have not been used for a long times, refreshing may bring the rechargeable battery back to the optimum condition. Check the rechargeable battery capacity in mAh/ Ah (TEST) CHARGE MODE Charging at 200 mA is the default-operating mode of the charging unit. User may select a charging current of 200, 500 or 700 mA. The estimated time of charging by various charging current is tabulated in Table 1. Table 1.

Charging Time with various charging current Size of battery Battery Capacity Charging current selected (mA) Estimated charging time 700 ~3 hr 35 min AA 2500 mAh 500 ~5 hr 200 ~13 hr 700 ~60 min AAA 700 mAh 500 ~84 min 200 ~3 hr 30 min CURRENT key Press to select the amount of current to be applied (within the first 8 seconds after batteries are inserted) in different operating modes (also see "Start charging the rechargeable batteries" below). OPERATING

MODES OF THE CHARGING UNIT This powerful charging unit provides the following operating modes: a. Charge up the rechargeable battery (CHARGE) to charge up the rechargeable battery, automatically switch to trickle charge after rechargeable battery is full. b. Discharge then charge up the rechargeable battery (DISCHARGE) to discharge the rechargeable battery then charge it for minimizing the memory effect. c. Refresh the rechargeable battery (REFRESH) to refresh the rechargeable battery to its maximum capacity by charging and discharging the rechargeable battery 7 8 Note: User shall always observe the recommended maximum charging current of the rechargeable batteries. In general, 200 mA is a recommended charging current if rapid charging is not necessary. It is definitely safe and optimum to the rechargeable batteries. It may be necessary to charge and discharge the new rechargeable batteries for several times in the beginning before the optimum capacity of the rechargeable batteries can be obtained.

And user is recommended to adopt once the "Refresh" mode to the new rechargeable batteries in order to achieve the optimum battery capacity. When the transformer has been plugged to the power source, the version number of the charger (for example "29") will be displayed first. Then all the segments will light up momentarily and the "null" sign will be shown before batteries are placed. If damaged batteries are placed to the charging unit, the charger will also show "null" on LCD. **START CHARGING THE RECHARGEABLE BATTERIES** Once a rechargeable battery is inserted after the transformer has been plugged to the power source, the battery voltage (for example, "1.

39V") will be displayed for 4 seconds. Then "200 mA Charge" (default mode) will be shown on LCD for another 4 seconds, indicating that charging with 200 mA is to be started if no alternation in setting is made. Within this 8-second time from inserting the batteries the user may first select the operating mode by the MODE key. Press and hold the MODE button for 5 seconds. Then within 8 seconds from the last key pressing, user may select the charging/ discharging current by pressing the CURRENT key.

Note: · · The mode key shall first be pressed and held for about 5 seconds to activate the mode change. The subsequent pressing of the mode key will enable to toggle between the "Charge", "Discharge", "Test" and "Refresh" mode. There is a 8-second time allowed for choosing further functions after each key pressing. If no more key is pressed, the LCD will blink one time to indicate the end of setting. Afterward, the current can no longer be changed during the process and the selected mode will be undergone. "null" displayed - No battery or damaged battery is placed to the charging unit 9 10 Note : After 8 seconds from no more keys pressing, the LCD will blink once to indicate the setting is confirmed and the selected mode activated Charging current: 200 mA The current cannot be altered once the setting has been confirmed in the initial stage. Therefore, the user can avoid changing the current setting accidentally while setting up other rechargeable batteries. If one wants to change the applied current afterward, the rechargeable batteries must be taken out and inserted again. The maximum charging current of other rechargeable batteries is restricted by the current setting of the first inserted rechargeable battery. For instance, if the first inserted rechargeable battery is set to charge at 500 mA, then the second, third and fourth rechargeable batteries can be only set to charging at a maximum current of 500 mA.

Therefore, the user is recommended to place the battery with the highest expected charging current in Compartment 1 first. To release the restriction of setting charging current, user shall take out all four rechargeable batteries from the charging unit.



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@@@@"000 mA" will be displayed. @@It is for removing the memory effects of rechargeable batteries. @@@@Table
2. @@@@@"(Or the display will blink once to incapacity during discharging Battery voltage current elapsed discharging processes Capacity During
charging Instantaneous Charging time determined in Charging current processes Battery voltage elapsed last time discharging Maximum battery
Instantaneous Trickle charging Elapsed time of capacity Full stage Battery voltage current last discharging determined in discharging Table 7. @@@@Do
not wet the exposed metal part of the charging unit. @@Do not spill water to the charging unit. Do not make any repair attempts to the units. @@Opening
and tampering with the units may invalidate its guarantee.

@@Any performance of repairs or alternations by someone other than the original supplier will invalidate the warranty. This product is only designed to be
used by people who have read and understood this instruction manual. The specifications of this product may change without prior notice. This product is not
a toy. Keep out of the reach of children.

No part of this manual may be reproduced without written consent of the manufacturer. 23 24 WARRANTY La Crosse Technology, Ltd provides a 1-year
limited warranty on this product against manufacturing defects in materials and workmanship. This limited warranty begins on the original date of purchase,
is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser
must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse
Technology, Ltd authorized service center.

The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized
service center. La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned
parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La
Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or
ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If
necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or
examination. The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd
authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only. Your La
Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident,
unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented
to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in
your owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd
authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to
receive a signal due to any source of interference..

This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-
up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances. LA CROSSE
TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES
ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES
OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH. 25 26 This warranty gives you specific legal
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Blvd. South La Crosse, WI 54601 Phone: 608.

782.1610 Fax: 608.796.1020 e-mail: support@lacrossetechnology.com (warranty work) sales@lacrossetechnology.
com (information on other products) web:www.lacrossetechnology.com FAQ's What is the charger capacity? Maximum charging capacity is 3000 mAh My
batteries are getting warm. It is common for batteries to get warm will charging. The charger has a built in temperature sensor which will stop the charging
cycle if it has become too hot.

Charging may resume when the battery has cooled. Allow batteries to cool before placing into a product to be used. I cannot change modes. Within 8 seconds
of installing a battery, press and hold the MODE button for 5 seconds to change modes. Why does my display flash a number? Your station will flash when
first plugged in. You're a/c cord may be defective. 27 28 What type of batteries can I charge? NiMH (Nickel Metal Hydride) or NiCd (Nickel Cadium)
rechargeable batteries only may be used in this product. Charging other types of batteries may result in failure of the charger. My battery reads "Null". This
charger requires at least .

.9v in the battery in order to charge it. If the battery is depleted below that point, you will not be able to charge it on this battery charger. You may want to
invest in a small charger/holder that will bring the battery back above .9v when attached for 20-30 seconds. The battery can then be charged in our charger.

Why do my new batteries not show full capacity? @@@@Batteries sitting in storage may lose some charge over time. @@@@It is common for your
batteries to run down quickly at first. Storing batteries Store between 40 and 80 degrees F. Do not refrigerate. Batteries will self-discharge if left unused.
If unused for 30-60 days they may completely deplete of power after long storage. NiMh batteries should be stored fully charged and recharged every 30 days
to keep in peak capacity. NiCd batteries should be stored fully discharged. Do not "store" batteries in the charger. 30 All rights reserved.

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