Quick Reference

Introduction
The CRG 1100 Battery Charger enables four PDT 1100 terminal NiMH battery packs to be charged simultaneously. One slot has discharge capability. Before operating the charger, read these instructions thoroughly.

About This Guide
This Quick Reference Guide describes the basic operation of the CRG 1100 charger, including information on:

- Parts of the CRG 1100 on page 2
- Description of Parts on page 3
- LED Indicator Panel on page 3
- Connecting the AC Power Supply on page 3
- Charging a Battery Pack on page 4
- Battery Pack Maintenance Cycling on page 4
- Troubleshooting on page 5.

Caution: Charge only the NiMH battery packs used in the PDT 1100 terminal in the CRG 1100 charger.
Parts of the CRG 1100

- Battery Pack Slot
- Slot 4 (Discharge/Charge Slot)
- Discharge Light
- Power Light
- Charging Lights
- Power Switch
- AC Power Port
Quick Reference

Description of Parts

Battery pack slot  Holds a rechargeable NiMH battery pack.
DIS CHG light   Illuminates during battery pack discharge.
CHG/TRK lights  Illuminates throughout normal charging. Blinks about every .5 seconds to indicate charging problems. Blinks about every 2 seconds during trickle charging.
Power light     Illuminates when power is supplied. Blinks when power supply is faulty.
Slot 4          Automatically starts charging after discharging is complete.
Power switch    Powers the charger on and off.
AC power port   Power port for AC power supply.

LED Indicator Panel

Connecting the AC Power Supply

The CRG 1100 is powered by an AC input 100-240VAC/DC output 12V 1.5A power supply (p/n 50-14000-103), and a DC interconnect cable.

1. Connect the DC inter-connect cable to the CRG 1100 and then to the power supply.
2. Connect the power supply to the wall outlet.
Charging a Battery Pack

1. Turn the power switch to ON. The power light illuminates.
2. Insert the battery pack in any slot of the charger.

3. The trickle charging (CHG/TRK) light illuminates for that slot to indicate charging.
4. Charging completes after about 10 hours. The CHG/TRK light blinks when the battery pack is fully charged.
5. Remove the battery pack from the charger.

Only slot 4 includes a discharge function. For more information, refer to the PDT 1100 Product Reference Guide (p/n 70-35864-xx).

Battery Pack Maintenance Cycling

If the battery pack begins to have a reduced operating time between charges, it may be due to “memory effect”. This effect can be eliminated or reduced by doing battery pack maintenance cycling, which fully discharges and then recharges the battery pack.

1. Ensure that the power switch on the charger is OFF.
2. Insert a battery pack into slot 4.
3. Turn the power switch ON.
4. The DIS CHG light illuminates to indicate the battery pack is being discharged.

5. When the battery pack is fully discharged, charging begins automatically. Discharging and charging completes after about 10 hours and 20 minutes.

**Troubleshooting**

The following table lists common problems and their potential causes and solutions.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
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</thead>
</table>
| Power light does not illuminate | AC adapter not connected properly  
Power switch is off | Connect AC adapter properly  
Turn power switch on. |
| DIS CHG light does not illuminate | Power switch turned on when battery pack was inserted  
Battery pack not inserted properly  
Battery pack charging terminals are dirty | Turn power switch off, insert battery pack in slot 4,  
then turn power switch on  
Insert battery pack properly  
Clean battery pack charging terminals |
| CHG/TRK light does not illuminate | Battery pack not inserted properly  
Battery pack charging terminals are dirty | Insert battery pack properly  
Clean battery pack charging terminals |
| Power light blinks       | AC power output is too low  
Improper AC adapter being used | Use proper AC power output  
Use proper AC adapter |
| CHG/TRK light blinks     | Problem exists in the battery pack | Insert another battery pack. If the same problem occurs, contact the dealer. |
Warranty

(A) Seller’s hardware Products are warranted against defects in workmanship and materials for a period of three (3) months from the date of shipment, provided the Product remains unmodified and is operated under normal and proper conditions. Warranty provisions and durations on software, integrated installed systems, Product modified or designed to meet specific customer specifications (“Custom Products”), remanufactured products, and reconditioned or upgraded products, shall be as provided in the applicable Product specification in effect at the time of purchase or in the accompanying software license. (B) Products may be serviced or manufactured with parts, components, or subassemblies that originate from returned products and that have been tested as meeting applicable specifications for equivalent new material and Products. The sole obligation of Seller for defective hardware Products is limited to repair or replacement (at Seller’s option) on a “return to service depot” basis with prior Seller authorization. Shipment to and from Seller will be at Seller’s expense, unless no defect is found. No charge will be made to Buyer for replacement parts for warranty repairs. Seller is not responsible for any damage to or loss of any software programs, data or removable data storage media, or the restoration or reinstallation of any software programs or data other than the software, if any, installed by Seller during manufacture of the Product. The aforementioned provisions do not extend the original warranty period of any Product that had either been repaired or replaced by Seller. (C) The above warranty provisions shall not apply to any Product (i) which has been repaired, tampered with, altered or modified, except by Seller’s authorized service personnel; (ii) in which the defects or damage to the Product result from normal wear and tear, misuse, negligence, improper storage, water or other liquids, battery leakage or failure to perform operator handling and scheduled maintenance instructions supplied by Seller; (iii) which has been subjected to unusual physical or electrical stress, abuse, or accident, or forces or exposure beyond normal use within the specified operational and environmental parameters set forth in the applicable Product specification; nor shall the above warranty provisions apply to any expendable or consumable items, such as batteries, supplied with the Product. EXCEPT FOR THE WARRANTY OF TITLE AND THE EXPRESS WARRANTIES STATED ABOVE, SELLER DISCLAIMS ALL WARRANTIES ON PRODUCTS FURNISHED HERUNDER INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED IN DURATION TO THE LIMITED WARRANTY PERIOD. SOME STATES OR COUNTRIES DO NOT ALLOW A LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR CONSUMER PRODUCTS. IN SUCH STATES OR COUNTRIES, FOR SUCH PRODUCTS, SOME EXCLUSIONS OR LIMITATIONS OF THIS LIMITED WARRANTY MAY NOT APPLY. The stated express warranties are in lieu of all obligations or liabilities on the part of Seller for damages, including but not limited to, special, indirect or consequential damages arising out of or in connection with the use or performance of the Product or service. Seller’s liability for damages to Buyer or others resulting from the use of any Product or service furnished hereunder shall in no way exceed the purchase price of said Product or the fair market value of said service, except in instances of injury to persons or property.
Regulatory Information

All Symbol devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Any changes or modifications to Symbol Technologies equipment, not expressly approved by Symbol Technologies, could void the user’s authority to operate the equipment.

Radio Frequency Interference Requirements

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Radio Frequency Interference Requirements - Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Marking and European Economic Area (EEA)

Statement of Compliance

Symbol Technologies, Inc., hereby declares that this device is in compliance with all the applicable Directives, 89/336/EEC, 73/23/EEC. A Declaration of Conformity may be obtained from http://www2.symbol.com/doc/.
Quick Reference
Service Information

Before you use the unit, it must be configured to operate in your facility’s network and run your applications. If you have a problem running your unit or using your equipment, contact your facility’s Technical or Systems Support. If there is a problem with the equipment, they will contact the Symbol Support Center:

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>United States</td>
<td>1-800-653-5350</td>
<td>Canada</td>
<td>905-629-7226</td>
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<tr>
<td></td>
<td>1-631-738-2400</td>
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<tr>
<td>United Kingdom</td>
<td>0800 328 2424</td>
<td>Asia/Pacific</td>
<td>+65-6796-9600</td>
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<tr>
<td>Australia</td>
<td>1-800-672-906</td>
<td>Austria/Österreich</td>
<td>1-505-5794-0</td>
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<td>Netherlands/Nederland</td>
<td>315-271700</td>
<td>Norway/Norge</td>
<td>+47 2232 4375</td>
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<td>Outside Spain</td>
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<tr>
<td>Latin America</td>
<td>1-800-347-0178</td>
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<td>Inside US</td>
</tr>
<tr>
<td>Sales Support</td>
<td>+1-561-483-1275</td>
<td></td>
<td>Outside US</td>
</tr>
<tr>
<td>Europe/Mid-East</td>
<td>Contact local distributor or call</td>
<td>+44 118 945 7360</td>
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<td>Distributor Operations</td>
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1Customer support is available 24 hours a day, 7 days a week.

For the latest version of this guide go to: