



## BC-800NM4 & BC-800NM Battery Chargers

The BC-800NM4 4-bay and BC-800NM single-bay battery chargers provide users with a full featured charger and conditioning unit. Both chargers are specifically designed to charge the BP-700NM NiMH rechargeable battery pack that is utilized by the TR-700, TR-800, TR-825, TR-1, RKP-4 and the new TR-80N and TR-82N Narrow Band belt packs. Both BC-800NM4 and BC-800NM battery chargers offer a conditioning cycle, status indicators and rapid charge capability. The BC-800NM4 and BC-800NM also offer "Intelligent Charging" that optimizes the battery charge cycle and maintains the battery pack at peak capacity for extended periods of time.

### Features

#### Conditioning Cycle

Provides built-in maintenance capability to maximize battery cycle life.

#### Status Indicators

'Charging', 'Ready', 'Rejected' (dead battery), 'Conditioning Cycle' and 'Power LED' indicators make the BC-800NM simple and easy to use.

#### Intelligent Charging

- Optimizes the battery
- Battery can remain in the charger indefinitely
- Maintains battery at peak capacity

#### Rapid Charge Capability

Charges in less than 2 hours

# BC-800NM4 & BC-800NM Specifications

## Overall

### **ESD**

8 KV continuous contact discharge; 15 KV from air to all surfaces without contact

Humidity: 95% relative humidity (non-condensing)

### **Drop**

Unit functions normally after 4ft./1.2m drop to concrete

### **Storage Temperature**

-40° to 122°F/-40° to 50°C

### **Operating Temperature**

32° to 122°F/0° to 50°C

### **Power Supply**

BC-800NM4 (Universal): 90V-230 VAC, 50/60 Hz

Output: 15 VDC, 5A or 24 VDC, 4.5A

BC-800NM (Universal): 90V-230 VAC, 50/60 Hz Output:

15 VDC, 1.5A or 24 VDC, 1.3A

### **Safety Standards**

Charger & power supply UL listed (UL 1950), CSA Certified (C 22.2 No. 223); Compliant to FCC part 15 Class A and CE Marking (Electromagnetic Compatibility) Directive 89/336/EEC and Low Voltage Directive 73/23/EEC; C15PR-22 Class B

## Performance Characteristics

### **Rapid Charging**

Charges batteries to 90+% capacity in 2 hours or less

### **Complete Charge**

Completes 100% capacity charge in 4 hours or less

### **Conditioning**

Completely discharges a battery and automatically switches to charging mode

### **Maintenance Charge**

Maintains the battery at optimum capacity indefinitely

## User Interface

### **Power LED**

Indicates POWER to charging slot

Conditioning/Charging LED: Flashing indicates discharging process

### **Reject LED**

Flashing indicates faulty battery

Conditioning/Charging LED: Solid indicates battery pack is being charged

### **Ready LED**

Solid indicates battery charged

## Contact Information

Telex Communications, Inc.  
12000 Portland Avenue South  
Burnsville, Minnesota 55337  
Telephone: 877-863-4169  
Fax: (800) 323-0498

Form Number: LIT000151000 Rev A

Date: August 2008

## Product Dimensions/Weight

### **BC-800NM4**

13"W x 1.7"H x 7"D (33cm x 4.5cm x 17.8cm),

4lbs (1.5kg) without battery adapters

### **BC-800NM**

3"W x 3.5"H x 6"D (7.62cm x 8.89cm x 15.24cm),

1lb 6oz (0.62kg)

## Shipping Dimensions/Weight

### **BC-800NM4**

11.5"W x 10.5"H x 18.5"D (29.2cm x 26.7cm x 47cm),

10 lbs 9oz (4.8kg) with battery adapters, power supply, & rechargeable battery packs

### **BC-800NM**

7"W x 4.5"H x 7"D (17.68cm x 11.43cm x 17.8cm),

2lbs 10oz (1.2kg) with rechargeable battery pack & power supply

Material: ABS KJW fire retardant plastic, textured

## Ordering Information

### **BC-800NM**

Single-Bay Charger for TR-1/700/800/825/RKP-4 with USA power cord and BP-700NM

Catalog Number: PRD000070006

### **BC-800NME**

Single-Bay Charger for TR-1/700/800/825/RKP-4 with Euro power cord and BP-700NM

Catalog Number: PRD000070007

### **BC-800NM4**

Four-Bay Charger for TR-1/700/800/825/RKP-4 with USA power cord and BP-700NM

Catalog Number: PRD000070008

### **BC-800NM4E**

Four-Bay Charger for TR-1/700/800/825/RKP-4 with Euro power cord and BP-700NM

Catalog Number: PRD000070009

### **C800NM**

Single-Bay Charger without Power Supply

Catalog Number: PRD000070000

### **CB800NM4**

Docking Station, Four-Bay Charger

Catalog Number: PRD000070003

### **PS800NM4**

Power Supply for Four-Bay Charger

Catalog Number: PRD000070004

### **PS-800NM**

Power Supply for Single-Bay Charger

Catalog Number: PRD000070001

### **PC-UK**

BC-800NM and BC-800NM4 UK Power Cord.

Catalog Number: 550024002

This specifications information is preliminary and is subject to change without notification.

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