

Operator's Manual

Monogram *Series*

DESK CHARGER

BML 161 53/20 (120 VAC)

BML 161 53/21 (230 VAC)

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NOTICE!

This manual covers Ericsson and General Electric products sold by Ericsson Inc.

NOTE

Repairs to this equipment should be made only by an authorized service technician or facility designated by the supplier. Any repairs, alterations or substitution of recommended parts made by the user to this equipment not approved by the manufacturer could void the user's authority to operate the equipment in addition to the manufacturer's warranty.

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IMPORTANT SAFETY INFORMATION

1. **SAVE THIS MANUAL** - It contains important safety and operating instructions for MONOGRAM Series Desk Charger.
2. Before using the battery charger, read all instructions and cautionary markings on (1) the battery charger, (2) the battery, and (3) the product using the battery.
3. **CAUTION** - To reduce the risk of injury, charge only Ericsson battery packs. Charging any other battery pack or batteries may cause the battery to burst and cause personal injury or damage.
4. Do not expose charger to rain or snow.
5. Do not use auxiliary equipment not recommended or sold by the manufacturer. To do so may result in a risk of fire, electric shock, or injury to persons.
6. To reduce risk of damage to wall transformer and cord, pull by the wall transformer rather than the cord when disconnecting the charger.
7. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
8. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure of the following:

IMPORTANT SAFETY INFORMATION

- a. That pins on the plug of the extension cord are the same number, size, and shape as those on the charger's plug;
- b. That the extension cord is properly wired and in good condition; and
- c. That the wire size is large enough for the AC ampere rating of the charger as specified in Table 1.

Table 1
Recommended Minimum Size For
Extension Cords

LENGTH OF EXTENSION CORD (ft.)	25	50	100	150
AWG SIZE OF EXTENSION CORD	18	18	18	16

9. Do not operate charger with damaged cord or plug - replace them immediately.
10. Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; return it to a qualified service shop.

IMPORTANT SAFETY INFORMATION

11. Do not disassemble the charger; return it to a qualified service shop when service or repair is required. Incorrect reassembly may result in a risk of electrical shock or fire.
12. To reduce risk of electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning.
13. **GROUNDING AND AC POWER CONNECTION** -To reduce the risk of electrical shock use only a properly grounded outlet. Be sure that the outlet is properly installed and grounded in accordance with all local codes and ordinances.
14. **DANGER** - Never alter the cord or wall transformer. If it will not fit in the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in risk of an electric shock.
15. Care should be taken when placing the charger in service to insure proper ventilation. A minimum of 1/4" is required surrounding the wall transformer.

NOTE

Due to the temperature characteristics of nickel-cadmium batteries, the batteries will not accept a full charge at temperature extremes. For maximum capacity, recharge the battery pack at a room temperature of 65° to 85° Fahrenheit, whenever possible.

SPECIFICATIONS

VOLTAGE SOURCE	120 VAC $\pm 10\%$, 50/60 Hz 230 VAC $\pm 10\%$, 50/60 Hz
POWER CONSUMPTION	27 watts
FUSE RATING	500mA 125V fast blow
RECHARGE TIME	14-20 hours
OPERATING TEMPERATURE RANGE	+5° to +45°C (+41° to +113°F)
DIMENSIONS (H x W x D)	
Height	70.5 mm
Width	98.6 mm
Depth	72.6 mm
WEIGHT	2.1 lb.

DESCRIPTION

The Desk Charger is designed to charge Ericsson Monogram Series LTR[®] Portable radio battery packs.

The slot is used for slow charging of a portable radio with battery or independent charging of a battery. This slot charges the battery in 14 to 20 hours.

CAUTION

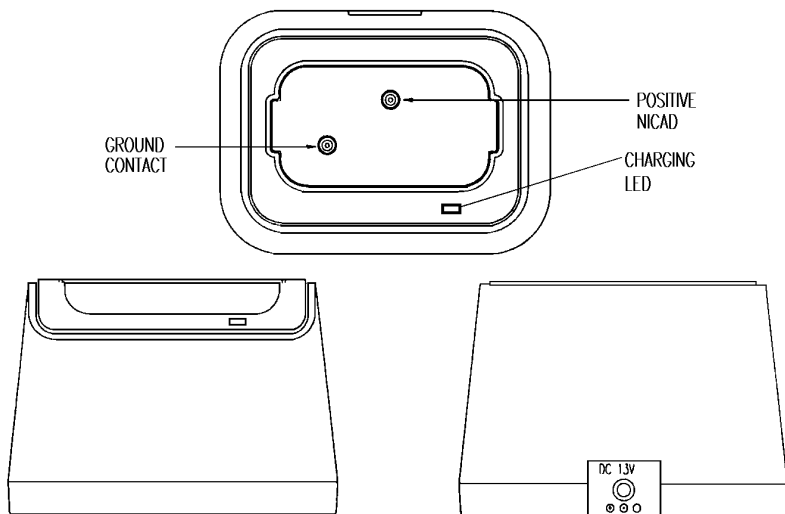
Recharging any battery pack or batteries other than the ones your equipment was designed to charge may result in damage to equipment, leakage, or explosion.

INSTALLATION

Locate the Desk Charger on a desk or other flat surface near a 120/230 VAC 50/60 Hz source. Connect the power cable to a convenient 120/230 VAC outlet.

NOTES

Only an authorized or certified electronic technician should attempt to disassemble or service the charger.



INDICATORS

1. Slot: For charging of Monogram Series radio with battery or independent charging of batteries. Polarity of battery in charger must be correct, or no charging will occur.
2. LED: illuminates when radio or battery is inserted.

NEVER INSERT A RADIO INTO THE CHARGER WITHOUT A BATTERY INSTALLED

CHARGER OPERATION

Insert battery or radio with battery into Charge Slot, observing correct polarity. The LED will be illuminated, and a charging current of approximately 50mA is provided to the battery. In the charge mode, the battery will take approximately 14 to 20 hours to fully charge.

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MONOGRAM SERIES WARRANTY

- A. Ericsson Inc. (hereinafter "Seller") warrants to the original purchaser for use (hereinafter "Buyer") that Equipment manufactured by Seller shall be free from defects in material, workmanship and title, and shall conform to its published specifications. With respect to any Equipment not manufactured by Seller (except for integral parts of Seller's Equipment to which the warranties set forth above shall apply). Seller gives no warranty, and only the warranty, if any, given by the manufacturer shall apply. Batteries are excluded from this warranty but are warranted under a separate Nickel-Cadmium Battery Warranty.
- B. Seller's obligations set forth in Paragraph C below shall apply only to failures to meet the above warranties (except as to title) occurring within the following periods of time from date of sale to the Buyer and are conditioned on Buyer's giving written notice to Seller within thirty (30) days of such occurrence:
1. for fuses, incandescent lamps, vacuum tubes and non-rechargeable batteries, operable on arrival only.
 2. for parts and accessories (except as noted in B.1) sold by Seller's Service Parts Operation, ninety (90) days.
 3. for all other Equipment of Seller's manufacture, one (1) year.
- C. If any Equipment fails to meet the foregoing warranties, Seller shall correct the failure at its option (i) by repairing any defective or damaged part or parts thereof, or (ii) by making available at Seller's factory any necessary repaired or replacement parts. Any repaired or replacement part furnished thereunder shall be warranted for the remainder of the warranty period of the Equipment in which it is installed. Where such failure cannot be corrected by Seller's reasonable efforts, the parties will negotiate an equitable adjustment in price. Labor to perform warranty service will be provided at no charge only for the Equipment covered under Paragraph B.3, and only during the first three (3) months following the date of sale to the Buyer. Thereafter, labor will be charged at prevailing rates. To be eligible for no-charge labor, service must be performed by an Authorized Service Center or other Services approved for these purposes either at its place of business during normal business hours, for mobile or personal equipment, or at the Buyer's location, for fixed location equipment. Service on fixed location equipment more than thirty (30) miles from the Service Center or other approved Service's place of business will include a charge for transportation. Equipment located off-shore is not eligible for no-charge labor.
- D. Seller's obligations under Paragraph C shall not apply to any Equipment, or part thereof, which (i) has been modified or otherwise altered other than pursuant to Seller's written instructions or written approval or, (ii) is normally consumed in operation or, (iii) has a normal life inherently shorter than the warranty periods specified in Paragraph B, or (iv) is not properly stored, installed, used, maintained or repaired, or, (v) has been subjected to any other kind of misuse or detrimental exposure, or has been involved in an accident.
- E. The preceding paragraphs set forth the exclusive remedies for claims (except as to title) based upon defects in or nonconformity of the Equipment, whether the claim is in contract, warranty, tort (including negligence), strict liability or otherwise, and however instituted. Upon the expiration of the warranty period, all such liability shall terminate. The foregoing warranties are exclusive and in lieu of all other warranties, whether oral, written, expressed, implied or statutory. NO IMPLIED OR STATUTORY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE SHALL APPLY. IN NO EVENT SHALL THE SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR EXEMPLARY DAMAGES. This warranty applies only within the United States.

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