

[Manuals.plus](#) /

› [Motorola](#) /

› Motorola IMPRES APX Multi-Unit Charger with Display User Manual

Motorola NNTN8844

Motorola IMPRES APX Multi-Unit Charger with Display User Manual

Model: NNTN8844

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Motorola IMPRES APX Multi-Unit Charger with Display. This charger is designed to manage and charge multiple IMPRES batteries for APX series radios, offering advanced features for battery maintenance and optimization.

The Motorola IMPRES system is engineered for intelligent battery management, providing real-time data and optimizing battery life. This multi-unit charger is capable of charging up to six batteries simultaneously and features individual displays for each charging bay.



Figure 1: Motorola IMPRES APX Multi-Unit Charger (NNTN8844)

SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Use only Motorola-approved batteries and power supplies with this charger.
- Do not expose the charger to rain or moisture.
- Do not operate the charger if it has been dropped or damaged in any way.
- Do not disassemble the charger. Refer all servicing to qualified personnel.
- Ensure adequate ventilation around the charger during operation.
- Disconnect the power supply before cleaning or maintenance.

SETUP

1. **Unpacking:** Carefully remove the charger and all accessories from the packaging. Verify that all components are present.
2. **Placement:** Place the charger on a flat, stable surface away from direct sunlight, heat sources, and excessive moisture. Ensure there is sufficient space for air circulation around the unit.
3. **Power Connection:** Connect the power supply cable to the charger's power input port. Plug the power supply into a suitable electrical outlet. The charger will perform a self-test, and the displays will illuminate.



Figure 2: Charger Bottom View with Power Input

OPERATING INSTRUCTIONS

Charging Batteries

1. Ensure the charger is powered on.
2. Insert an IMPRES battery into any available charging pocket. Ensure the battery is seated firmly.
3. The individual display for that bay will show the charging status, including battery capacity, charge percentage, and estimated time to full charge.
4. A green indicator light typically signifies a fully charged battery. The display will also indicate "CHARGE COMPLETE".



Figure 3: Batteries in Charging Bays



Figure 4: Charger Display Indicating Charge Complete

IMPRES Battery Features

The IMPRES system allows for advanced battery management:

- **Automatic Reconditioning:** The charger can automatically recondition IMPRES batteries to optimize their capacity and extend their lifespan. This process is indicated on the display.
- **Battery Data:** The display provides information such as battery serial number, last reconditioning date, and estimated remaining capacity.
- **Customizable Settings:** Refer to the full IMPRES system manual for details on customizing charging parameters

via connected software (if applicable).

MAINTENANCE

Cleaning the Charger

- Disconnect the charger from the power source before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces of the charger.
- Do not use abrasive cleaners or solvents.
- Ensure charging contacts are free of dust and debris. Use a cotton swab if necessary.

Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging batteries before recharging, especially for Lithium-Ion types.
- Regularly check batteries for signs of damage or swelling. Discontinue use if damage is observed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on.	No power to the unit.	Check power cable connection and wall outlet. Ensure power supply is functioning.
Battery not charging.	Battery not seated correctly; Battery fault; Charger contact issue.	Re-insert battery firmly. Try a different bay. Clean battery and charger contacts. Replace faulty battery.
Display shows "Error".	Battery temperature too high/low; Battery fault.	Allow battery to reach room temperature. Remove and re-insert battery. If error persists, battery may be faulty.

If the problem persists after attempting these solutions, contact Motorola customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model Number	NNTN8844
Product Dimensions	24 x 10 x 20 inches
Item Weight	14.79 pounds (6.72 Kilograms)
Input Voltage	5 Volts
Output Voltage	5 Volts
Number of Bays	6
Display Type	Individual per bay

Feature	Detail
Compatibility	Motorola IMPRES APX series batteries

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

This Motorola product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Motorola website.

For technical support, service, or replacement parts, please contact Motorola Customer Service. You may need your product model number (NNTN8844) and serial number when contacting support.

Motorola Support Website: www.motorolasolutions.com/en_us/support.html

© 2023 Motorola Solutions, Inc. All rights reserved.

Motorola and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question