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› **Hama Delta 2/4 Quick Charger with 4 NiMH AA 2000 mAh Batteries User Manual**

Hama 00056716

Hama Delta 2/4 Quick Charger User Manual

Model: 00056716

INTRODUCTION

Thank you for choosing the Hama Delta 2/4 Quick Charger. This automatic universal quick charger is designed for NiCd/NiMH rechargeable batteries of sizes Micro (AAA) and Mignon (AA). It comes with a 230V power supply and a 12V DC cable for vehicle use, making it versatile for home and travel. This package also includes four Hama NiMH AA 2000 mAh rechargeable batteries. Please read this manual carefully before first use to ensure safe and optimal operation.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using the charger.
- Do not charge non-rechargeable batteries. This can lead to explosion, injury, or damage.
- Only charge NiCd and NiMH batteries. Do not attempt to charge other battery types.
- Keep the charger away from water, moisture, and high temperatures.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- Ensure proper ventilation during charging. Do not cover the charger.
- Unplug the charger from the power source when not in use.
- Keep out of reach of children.
- Do not use the charger if it is damaged.

PACKAGE CONTENTS

- 1x Hama Delta 2/4 Quick Charger
- 4x Hama NiMH AA 2000 mAh Rechargeable Batteries
- 1x 230V AC Power Adapter
- 1x 12V DC Car Adapter Cable

- 1x User Manual (this document)

SETUP

1. Connecting the Charger to Power

The Hama Delta 2/4 Quick Charger can be powered via a standard wall outlet or a 12V vehicle power socket.

- **For Home/Office Use (230V AC):** Connect the provided 230V AC power adapter to the charger's input port. Plug the adapter into a standard wall outlet.
- **For Vehicle Use (12V DC):** Connect the provided 12V DC car adapter cable to the charger's input port. Insert the other end into your vehicle's 12V power socket (e.g., cigarette lighter socket).

2. Inserting Batteries

The charger supports 2 or 4 Micro (AAA) and Mignon (AA) NiCd/NiMH batteries. Ensure the batteries are inserted with the correct polarity (+ and - terminals) as indicated inside the charging slots.



Image: The Hama Delta 2/4 Quick Charger with four AA batteries correctly inserted into the charging slots. A 12V car adapter is visible on the right side,

indicating its inclusion and use. The charger features indicator lights and a silver finish.

- Open the battery compartment or slide batteries into the designated slots.
- Match the positive (+) and negative (-) ends of the batteries with the corresponding markings on the charger. Incorrect insertion can damage the batteries or charger.
- You can charge 2 or 4 batteries simultaneously. For optimal charging, it is recommended to charge batteries in pairs (2 or 4).

OPERATING INSTRUCTIONS

1. Charging Process

Once batteries are correctly inserted and the charger is connected to a power source, the charging process will begin automatically.

- Charging Indicator:** The charger features indicator lights (e.g., "Charge" LED) that illuminate to show the charging status. Typically, a red light indicates charging in progress.
- Full Charge Indication:** When batteries are fully charged, the indicator light will change color (e.g., to green) or turn off, depending on the model. The "Ready" indicator may also light up.
- Automatic Shut-off:** The Hama Delta 2/4 Quick Charger is equipped with automatic charge termination (IC Control) to prevent overcharging and extend battery life.

2. Battery Compatibility

This charger is suitable for:

- Micro (AAA) NiCd/NiMH batteries with capacities from 400 mAh and above.
- Mignon (AA) NiCd/NiMH batteries with capacities from 700 mAh and above.

The included Hama NiMH AA 2000 mAh batteries are fully compatible with this charger.

MAINTENANCE

- Cleaning:** Disconnect the charger from the power source before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- Storage:** Store the charger and batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Battery Care:** For optimal battery life, avoid completely discharging NiMH batteries. It is recommended to recharge them when they are partially depleted.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on / Indicator lights off	No power supply; loose connection; faulty power adapter.	Check power connection to wall outlet or vehicle socket. Ensure adapter is securely plugged into charger. Try a different power outlet.

Problem	Possible Cause	Solution
Batteries not charging / Charge indicator not lighting up	Incorrect battery insertion; non-rechargeable batteries; faulty batteries; incompatible battery type/capacity.	Verify correct battery polarity (+/-). Ensure batteries are NiCd/NiMH and within supported capacity range (AAA >400mAh, AA >700mAh). Replace old or damaged batteries.
Batteries get excessively hot during charging	Faulty batteries; incorrect battery type; poor ventilation.	Remove batteries immediately. Ensure charger is in a well-ventilated area. Do not charge damaged or incompatible batteries.

If problems persist, please contact Hama customer support.

SPECIFICATIONS

Model Number	00056716
Brand	Hama
Compatible Battery Types	NiCd, NiMH
Compatible Battery Sizes	AA (Mignon), AAA (Micro)
Min. AA Battery Capacity	700 mAh
Min. AAA Battery Capacity	400 mAh
Input Voltage (AC Adapter)	230 V / 50 Hz
Input Voltage (DC Car Adapter)	12 V
Output Voltage	1.2 V (DC)
Dimensions (Package)	23.4 x 14 x 8.2 cm
Weight (Product)	640 g

DISPOSAL INFORMATION

Do not dispose of the device or batteries with household waste. Electronic devices and batteries contain valuable recyclable materials and substances that can harm the environment and human health if not disposed of properly. Please dispose of these items at designated collection points for recycling electrical and electronic equipment and batteries, in accordance with local regulations. The symbol of the crossed-out wheeled bin indicates that the product should not be disposed of with regular household waste.

WARRANTY AND SUPPORT

Hama GmbH & Co KG provides a manufacturer's warranty for this product. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Hama website. For technical support or service inquiries, please contact Hama customer service through their official channels.

You can find more information and support on the [Hama Brand Store](#).