Universal Battery Charger
with USB Port
MD 16704

INSTRUCTION MANUAL

AFTER SALES SUPPORT
Hotline: 1 300 884 987
Opening hours: Mon - Fri 08:30AM to 06:00PM EST

Internet
www.medion.com.au

Please use the contact form at:
www.medion.com/contact
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About these instructions

Read through the safety information carefully before start-up. Note the warnings on the appliance and in the operating instructions.

Always keep the operating instructions close to hand. If you sell the device or give it away, make sure you also hand over these instructions and the warranty card.

Explanation of symbols

The following symbols and signal words are used in these operating instructions, on the soundbar or on the packaging.

⚠️ DANGER!

This signal word indicates a hazard with a high degree of risk which, if not avoided, will result in death or serious injury.

⚠️ WARNING!

This signal word indicates a hazard with a medium level of risk which, if not avoided, could lead to death or serious injury.
CAUTION!

This signal word indicates a hazard with a low level of risk which, if not avoided, could result in a minor or moderate injury.

NOTICE!

This signal word warns of possible damage to property or gives useful additional information on assembly or operation.

Follow the guidelines in the operating instructions!

Recycling symbol

WEEE symbol (in accordance with the directive on electrical waste)

Symbol indicating that batteries must be disposed of separately.

DC current
Package contents

- Remove all packaging materials.

After unpacking, ensure that the following parts are included:

- Battery charger
- Operating instructions and guarantee documents

Proper use

You can use your device to simultaneously charge 1-6 NiMH/NiCd rechargeable batteries of size AAA/R03, 1-6 rechargeable batteries of size AA/R6, 1-4 rechargeable batteries of size C/R14 or D/R20, or 1-2 9 V transistor batteries.

You can also charge two 9 V batteries in addition to the round cell batteries, so that up to 8 rechargeable batteries can be charged at the same time.

Furthermore, you can charge other external batteries via the USB connection. This device is not suitable for charging RAM cells (rechargeable batteries) or
primary batteries. This device is intended for use in dry, indoor areas only. The device is intended for private use only and not for industrial/commercial use. Please note that we shall not be liable in cases of improper use:

- Do not modify the appliance without our consent and do not use any auxiliary equipment which we have not approved or supplied.
- Only use spare parts and accessories which we have supplied or approved.
- Follow all the information in these operating instructions, especially the safety information. Any other use is deemed improper and can cause personal injury or damage to the appliance.
– Do not expose the device to any extreme conditions. The following should be avoided:
  • High humidity or moisture
  • Extremely high or low temperatures
  • Direct sunlight
  • Open fire
Safety instructions

General information

⚠️ WARNING!

Risk of injury from electric shock.
Please note the following advice:

- Check the charger and mains cable for damage before using them for the first time and after each use.
- Do not use the device if the mains cable or charger show visible signs of damage.
- If you notice that the device has been damaged in transit or in any other way, please contact the Medion Service Center immediately. Never try to open or repair the device yourself.
- In order to prevent exposure to danger, damaged mains cables should be replaced by the manufacturer or the manufacturer’s customer service department or a similarly qualified person.
**WARNING!**

Risk of injury from improper handling.

Please note the following advice:

- If swallowed, batteries may endanger life. For these reasons, keep the device and the batteries out of the reach of small children. If a battery is swallowed, please obtain immediate medical assistance.

- Also keep plastic packaging out of the reach of children. There is a risk of suffocation.

- This device may be used by children over the age of 8 and by persons with reduced physical, sensory or mental abilities or by those without experience and knowledge, if they are supervised or have been instructed in the safe use of the device and have understood the dangers that result from it.

- Children must not play with the device. Cleaning and user maintenance may
not be carried out by children without supervision.

Operating safety

- To avoid the risk of tripping, avoid using extension cables.
- Never expose your device to rain or moisture! Do not use the device outdoors!
- Only connect the device to an easily accessible, properly installed 100–240 V~ power socket.
- Do not cover the device, otherwise overheating and thus damage to the device may occur.
- Only use the device at room temperature.

Always ensure that:
- the device never comes into contact with water, including drips and splashes;
- the device is not exposed to prolonged direct sunlight.
Cleaning and maintenance

- Before cleaning, disconnect the device from the mains socket. Use a dry, soft cloth to clean the unit. Avoid the use of chemical solutions and cleaning products because these may damage the device surfaces and/or markings.
- After longer periods of use, also clean the + and - poles with a dry cloth to achieve ideal contact to the poles.

Use of rechargeable batteries

⚠️ WARNING!

Rechargeable batteries may contain combustible materials. If not handled properly, rechargeable batteries may leak, heat up excessively, ignite or even explode, which can result in damage to your device and your health.

Please strictly follow the instructions below:
- Do not use damaged or corroded rechargeable batteries.
- Rechargeable batteries must be properly disposed of. Retailers who stock batteries and local authority collection points have appropriate disposal containers for this purpose.

- If a rechargeable battery has leaked, take great care to avoid the battery fluid coming into contact with your skin! The battery fluid can cause chemical burns to the skin!

- Remove the leaked battery fluid with a dry, absorbent cloth and avoid contact with skin by, for example, using protective gloves.

- Only use nickel-metal hydride (NiMH) or nickel-cadmium (NiCd) batteries.

- Do not use any batteries in the device that are not clearly labelled as being “rechargeable”. These batteries may explode or leak and can damage the charging device.

- Never expose the rechargeable batteries to excessive heat such as sunlight, fire or similar and never try to dismantle the batteries.
- Caution! Hot surfaces! The rechargeable batteries become hot. There is a risk of burns. Disconnect the device from the mains network after charging and allow the rechargeable batteries to cool down.
Overview of the device

1. Control LED for 9 V batteries
2. Display
3. Operating LEDs
Types of rechargeable batteries

This device is designed to charge rechargeable batteries of type NiMH (nickel–metal hydride) and NiCd (nickel–cadmium).

You can find the approximate charging times for the individual types of batteries in the table (see page 25).
Designations for the types of batteries

Rechargeable batteries are designated according to the IEC standard in Europe. In addition, there are also designations that are taken from the American ANSI standard.

Automatic end of charging detection

This device controls the charging time for batteries of type NiMH separately. This control is based on the (“minus Delta U”) procedure.

End of charging detection using “minus Delta U”

In mathematics delta refers to differences. In this case “minus Delta U” refers to a negative voltage difference. This end of charging detection utilises the following effect:

If a battery is recharged using constant power, the voltage always increases further. When a battery is full, its voltage reaches a maximum however and falls slightly if further power flows. This slight fall in the level of voltage is detected
by the charging electronics and the charge is ended.

**Automatic discharging**

Your rechargeable batteries will firstly be discharged automatically and then recharged. The charging process is the same in the case of NiMH and NiCd batteries; but NiCd batteries must be discharged before recharging. This process is automatically started by the device when the rechargeable batteries are semi-charged. Fully discharged batteries are charged immediately.

**NOTICE!**

9 V batteries cannot be discharged with this device!
Operation

- Only connect the mains plug to an easily accessible 100–240 V~ power socket.

The device will now carry out a short self test whereby all of the LEDs will light up at the same time.

Following display / LED combinations are possible

<table>
<thead>
<tr>
<th>Display</th>
<th>LED</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>The charging status is given in %</td>
<td>Charging process has ended; The control LED lights up green</td>
<td></td>
</tr>
<tr>
<td>Regeneration;</td>
<td></td>
<td>The control LED flashes green / red in succession</td>
</tr>
</tbody>
</table>
Display  LED  Explanation
The charging status is given in %.  Charging;  The control LED lights up red
Caution: Charging error, faulty battery;  The control LED flashes red
Precharging / testing;  The control LED flashes green

The status on the display provides you with additional information on the charging status of the batteries.

Charging NiMH batteries
- Insert the batteries of type NiMH or NiCd that you want to charge into the corresponding charging slots.
- The device will carry out a test of the batteries before starting the actual charging process. In order to preserve the
batteries, the device initially starts with the precharging/regeneration of the batteries.

**NOTICE!**

- Do not insert more than one battery into each charging slot!

The testing of the batteries may take a few minutes to complete.

After around two seconds, the charging status of the inserted batteries will have been ascertained and the charging process or discharging process will start.

The rechargeable batteries are now recharged and the control LEDs above the charging slots light up to indicate where a rechargeable battery has been inserted. The charging time is controlled separately for each battery.

At the end of the charging time, the control LED above the relevant charging slot will turn green and the device switches automatically to maintaining the charge so that the device does not self-discharge. You can now either remove the rechargeable batteries or leave them in the device.

The charging time is dependent on the age and the overall capacity of the batteries.
maximum charging time for round cell batteries is 10 hours. After this time the device switches to maintaining the charge.

Guard pins on the contacts prevent batteries from being inserted incorrectly.

If the device identifies a faulty battery, the control LED for the corresponding charging slot will flash red rapidly.

In this case, remove the corresponding battery from the charging slot immediately.

Disconnect the device from the power supply as soon as the batteries are charged in order to save electricity.

If there are no batteries inserted in the device, all of the control LEDs will flash green.

**Charging 9 V batteries**

- Place a 9 V battery that you want to charge onto the + and - poles in one of the outer charging slots at the top.

  **CAUTION!**

- Ensure the +/- poles are correctly aligned.
The control LED for the 9 V battery will light up red during the charging process. Once the charging process has been completed, the device will switch to the mode for maintaining the charge and the control LED will light up in green.

The maximum charging time for 9 V batteries is 5 hours.

Charging via the USB connection

You can also charge external devices that have a rechargeable battery via the available USB connection.

- Simply connect the device to a USB cable and then connect the USB cable to the charging device.

- Ensure that you disconnect the external device from the charging device as soon as the external device is fully charged. Pay attention to the charging level display on the connected device.
Charging times

**NOTICE!**

The charging times stated in the table are approximate values.

The actual charging time is dependent on the age and overall capacity of the batteries. The maximum charging time in the appliance is 10 hours for all battery sizes. After this time the device switches to maintaining the charge.

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
<th>Capacity</th>
<th>Charging time</th>
</tr>
</thead>
<tbody>
<tr>
<td>NiMH/NiCd</td>
<td>AAA</td>
<td>300–850 mAh</td>
<td>0.9 – 2.5 hrs</td>
</tr>
<tr>
<td></td>
<td>AA</td>
<td>800–2000 mAh</td>
<td>1 – 3.5 hrs</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>1800–4000 mAh</td>
<td>2.5 – 5.5 hrs</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>1800–4000 mAh</td>
<td>2.5 – 6 hrs</td>
</tr>
<tr>
<td></td>
<td>9V</td>
<td>100–200 mAh</td>
<td>3 – 5 hrs</td>
</tr>
</tbody>
</table>
End of operation

- If you are no longer using the device, pull the mains plug out of the socket.
- If necessary, remove the batteries from the device and store the device in a dry place.

Disposal

Packaging
Keep the original packaging in the event the device needs to be sent in the post.

Correct disposal of this product
Do not dispose of this product in the household rubbish. Old appliances contain valuable recyclable materials which should be disposed of through the proper channels in the interests of the environment and human health.
Troubleshooting

If the device malfunctions, please firstly check if you can eliminate the error yourself with the help of the following overview.

Never try to repair the device yourself. Contact our Service Centre or other qualified personnel if a repair is necessary.

<table>
<thead>
<tr>
<th>Error</th>
<th>Possible cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The device is not working.</td>
<td>The mains plug is not properly connected.</td>
<td>- Check the connection to the mains network.</td>
</tr>
<tr>
<td>No charge</td>
<td>+/- poles are oxidised or dirty</td>
<td>- Disconnect the device from the mains network.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Clean the poles with a dry cloth.</td>
</tr>
<tr>
<td>Battery is defective.</td>
<td></td>
<td>- Replace the battery.</td>
</tr>
<tr>
<td>Error</td>
<td>Possible cause</td>
<td>Solution</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>No charge</td>
<td>Incorrect polarity</td>
<td>- Insert the battery with the correct polarities.</td>
</tr>
<tr>
<td>No charge</td>
<td>Incorrect battery type</td>
<td>- Remove the battery.</td>
</tr>
</tbody>
</table>
## Technical data

<table>
<thead>
<tr>
<th>Input</th>
<th>100 - 240 V~, 50/60 Hz, max. 30 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety class</td>
<td>II</td>
</tr>
</tbody>
</table>
| Charging current | 6x AA 1.2 V \(\rightarrow\) max. 1000 mA  
6x AAA 1.2 V \(\rightarrow\) max. 500 mA  
4x C/D 1.2 V \(\rightarrow\) 1000 mA  
2x 9 V \(\rightarrow\) 60 mA  
USB output: 5 V \(\rightarrow\) 1000 mA |
| Float charging current | NiMH/NiCd 
1.2 V \(\rightarrow\) 50mA for AA, C, D  
25mA for AAA  
9 V \(\rightarrow\) 5mA for 9V transistor batteries |

⚠️ Subject to technical modifications!
Legal notice

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Medion AG
Am Zehnthof 77
45307 Essen
Germany

The operating manual can be reordered via the service hotline and is available for download via the service portal at www.medion.com/au/service/start/.

You can also scan the QR code above and download the operating manual onto your mobile device via the service portal.
Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

AFTER SALES SUPPORT

☎ 1300 884 987

 baise www.medion.com.au
Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type of use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI’s stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 884 987 or write to us at:

MEDION Australia Pty Ltd
St Leonards, NSW 2065
Australia

AFTER SALES SUPPORT
☎️ AUS 1300 884 987    🌐 www.medion.com.au
WARRANTY CERTIFICATE

PRODUCT NAME  UNIVERSAL BATTERY CHARGER WITH USB PORT
BRAND NAME  BAUHN®
PRODUCT NUMBER  49276
MODEL NUMBER  MD 16704

Name
Address
Email
Daytime Tel No
Date of Purchase
Serial Number

We recommend that you attach a photocopy of your receipt, showing the date of purchase, to this Warranty certificate and keep for your reference. Please do not send to the address below.
In the event of a product fault, please call the Customer Service hotline. Please ensure that you have the product details (as shown on this card) at hand so that we are able to respond as quickly and efficiently as possible.

MEDION Australia Pty Ltd
St. Leonards, NSW 2065
Australia
MEDION Help Desk 1300 884 987
(Operating Hours: Mon-Fri 08:30AM to 06:00PM EST)
Australia@medion.com www.medion.com.au

AFTER SALES SUPPORT
☎ 1300 884 987  www.medion.com.au

05/2016
Congratulations! You have made an excellent choice of this quality product. Our commitment to quality also includes our service. Should you, contrary to expectations, experience defects due to manufacturing faults, ALDI will provide you with a warranty against defects as follows:

Warranty
The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Proof of Purchase
This warranty is valid for the original purchase and is not transferable. Please keep your purchase docket, tax invoice or receipt as the best proof of purchase, and as proof of date on which the purchase was made.

Extent of Warranty
This warranty is limited to defects in workmanship or parts. All defective products or parts will be repaired or replaced. This warranty does not cover batteries or any other consumable items.

Normal Wear and Tear
This warranty does not cover normal wear and tear to the products or parts.

Exclusions
This warranty does not cover:

- Any defects caused by an accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by the distributor.
• Any product that has not been installed, operated or maintained in accordance with the manufacturer's operating instructions provided with the product.
• Any product that has been used for purposes other than domestic use.
• Any damage caused by improper power input or improper cable connection.

To Make a Claim

This warranty against defects is provided by ALDI Stores, Locked Bag 56, St. Marys Delivery Centre, NSW 2760, Phone (02) 9675 9000. If a defect in the goods appears within 12 months, you are entitled to claim a warranty, please contact or send all warranty claims to:

MEDION Australia Pty Ltd
St Leonards, NSW 2065
Australia
Hotline: 1300 884 987 (Opening hours: Mon - Fri 08:30AM to 06:00PM EST)
Internet www.medion.com.au
E-mail Support australia@medion.com

When making a return, please ensure the product is properly packaged so as to ensure that no damage occurs to the product during transit.

Please provide the original or a copy of the proof of purchase. Also please make sure you have included an explanation of the problem.

Please note the costs of making a warranty claim, including any return postage, will be covered by the supplier identified above.

Please note that upon receiving your warranty claim, the supplier will send, via the post or email, a repair and refurbished goods or parts notice. Please provide your email address and advise the supplier, if you wish to obtain a repair and refurbished goods or parts notice via email.
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