



# User Guide

## ***Congratulations on your purchase!***

**Dear Grixx product owner,**

Thank you for your trust in Grixx and the purchase of this powerbank 5000mAh.

This convenient powerbank, or external battery pack, enables you to charge your mobile device anywhere at any moment.

As an owner of a Grixx product you are entitled to our warranty, which is available to you for 2 years after your purchase. For any questions or problems please contact [warranty@grixx.eu](mailto:warranty@grixx.eu). We are happy to help you and solve any issues.

**Happy Times!**

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## About these instructions

Read these instructions carefully and please observe and heed all references made in these instructions to guarantee a long life and reliable use of the device. Please keep these instructions ready to hand and pass them on to other users of the device.

## Intended use

This powerbank is intended exclusively for the power supply of devices with an operating voltage of 5V direct current (mobile phones, MP3 player, etc.) Another use, or one going beyond this, is deemed as not intended and can lead to damages and injuries.

This product is not intended for commercial use or for medical and special applications, where the failure of the product can cause injuries, mortalities or considerable material damages.

Claims of any kind due to damages from improper use or non-observance of safety instructions are excluded.

## Specifications

Battery type	Li-ion 5.000mAh
Charging time	2 - 3 hrs
Charging indicator	yes - 4 lights
LED torch	included
Input port	Micro USB
Output port	USB
Output power	5V / 2A
Total output	2.1A (max.)
Airplane use	safe
Overcharge protection	yes
High temperature protection	yes
Over circuit protection	yes
Short circuit protection	yes

## In the box

- Powerbank
- Micro USB cable

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## Operation



### On/Off

By briefly pressing the key, the current battery status is displayed through the LED lights and the powerbank is activated. If no device is connected, the powerbank changes automatically into standby mode after a time interval of approx. 5 seconds. Long press for turning on/off torch.

### Charging the Powerbank

- Connect the supplied micro USB cable with the micro USB port (INPUT) of the powerbank and connect the other end of the USB cable with a standard USB port of a computer or USB power supply.
- The charging process and the current charge status is signaled via the LED status lights. When the powerbank is fully charged, the LED status lights are permanently on.

The required charging time of the powerbank is dependent on the selected charging source and its output (max. 5V / 2.1A).

You can also use your own USB charging cable with micro USB connector to charge your powerbank.

*Note: recharge the powerbank once every 3 months, as maintenance of the battery.*

### Charging devices with the Powerbank

Connect the included USB cable to the USB port on the powerbank and the other end of the USB cable to the micro-USB port of the device to be charged. Charging will start automatically.

- Of course, you can also use your own USB charging cable to connect the powerbank with your device. Please note, however, that devices can be charged only through the USB port of the powerbank.
- Please note that while charging a device with a powerbank, about 30% of the total capacity is used up just through the charging process. This because of, amongst others, the loss of power from circuit warmth and voltage conversion.
- The powerbank has to be used regularly for optimum performance. If this is not the case, charge the powerbank fully at least every three months.
- Make sure that the warmth created through the charging process can be emitted from the device (ideally place the powerbank on a firm and heat-resistant base while in use).



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### Trouble Shooting

Problem	Possible Cause	Solution
Charging for a long time, but indicators do on show full capacity	Charging time not long enough	Charge it on-going for 3-4 hours
	Adapter output current is too low	Try a different adapter
Powerbank cannot charge other devices	No power left	Recharge it
	Something wrong with the cable/charger	Replace the cable/charger
	Connector is wrong	Choose the right connector
	Device does not allow the charge	Choose a different way of charging the device
Powerbank stops charging the device suddenly	No power left in the powerbank	Recharge the powerbank to activate
	The load is over limit	
	Short circuit for protection	

### Cleaning the powerbank

To clean the powerbank and lightly brush with a soft dry cloth, do not use water or detergent.

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## Safety Instructions

Dangers for children and persons with restricted physical, sensory or mental abilities: children often underestimate dangers or do not recognise them at all.

This device is not intended to be used by persons (including children) with restricted sensory, physical or mental abilities or lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety or received instructions from the person on how to use the device and they have understood the resultant dangers.

Unsupervised children should not have access to the device. Make sure that children do not play with the device.

## General

- Do not use the device in extremely cold, hot, humid or dusty areas.
- Do not subject it to direct sunlight. Protect the product from open fire.
- There is danger of explosion!
- Protect the device in every operating state against impact and falling.
- This device is sensitive to electrostatic discharge. Therefore protect the device against every possible electrostatic discharge.
- To avoid malfunctions, do not connect the USB output ports of the device with USB ports of computers or other devices. They are only intended for charging devices.
- Do not disassemble the device into its component parts and do not try to repair it yourself. It does not contain any parts requiring maintenance and the guarantee expires in this case.
- Do not insert any items, which are not intended for its use, into the openings of the product. This could lead to an electrical short-circuit and a resultant fire.
- Do not operate this device with wet hands.
- Please do not use water or chemical solutions to clean the device.
- Please use only a dry cloth for this purpose.
- Do not try to repair the device yourself. The guarantee expires in this case.
- The device develops warmth when in use, this is normal. Do not cover the device when this is in use.
- Do not use the device when it shows visible damage or has become moist.

## Operating Conditions

Operate the device at 0 to 40 degrees Celsius at max. 90% relative humidity (for a short time). If you do not use the powerbank for a longer period of time, store it at between -10 and 45 degrees Celsius at max. 90% relative humidity (for a short time) and charge this every three months to retain the full performance.

## Exclusion of Liability

The firmware and/or hardware may be changed at any time without prior notice. For this reason it is possible that parts of these instructions, technical data and images in this documentation differ slightly from the product in your possession. All points described in these instructions only serve the purpose of clarification and must not inevitably correspond to a certain situation. Legal claims cannot be made on the basis of these instructions.

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## Environmental information



All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into two materials: cardboard and plastic. The whole product packaging consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials and old equipment.



This symbol on packaging signifies that the producer has made a financial contribution towards the recovery and recycling of packaging.

## Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

The battery is recyclable, do not dispose of the battery in fire as it may cause explosion.



This symbol on a product means that the product is covered by European Directive 2012/19/EU and cannot be disposed of with normal household waste. We strongly advise you to take your product to an official collection point. Inform yourself about the local separate collection system for electrical and electronic products. Follow local rules and never dispose of the product with normal household waste. Correct disposal of old products helps prevent negative consequences for the environment and human health.



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### Compliance

#### Compliant with CE



This symbol means that the product is compliant with health, safety, and environmental protection standards for products sold within the European Economic Area. The product is manufactured in accordance with provisions imposed by EMC (Electromagnetic Compatibility) and RoHS (Restriction of Hazardous Substances) Directives. To minimize the environmental impact and take more responsibility to the earth we live on, the product complies with the restriction of SVHC (Substances of Very High Concern) and REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulated by the European Union.

#### Social Compliance

Grixx endorses the importance of equal and good working conditions for everyone within the production chain. That is why the manufacturer of this product is BSCI and /or SA8000 certified. This means that this product is designed and produced in a community that adheres to ethical sustainability and endeavors to protect the health, safety, and rights of the employees and environment in which they operate.

The producer follows the rules based, among others, on the United Nations' International Labor Organization (ILO) 'code of conduct' and the Human Rights Declaration. The main principles affiliated with the social compliance include:

- No discrimination
- No child labor
- Legal minimum wages
- Protection on the number of hours people have to work
- No forced labor
- Safe working environment
- Measures against corruption

Having the Grixx product manufactured in compliance with social sustainability values, where high standards are required of the supplier, helps contribute to the people involved in production of the product being treated fair, with dignity and respect.

For more information go to <https://www.amfori.org/>



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### About Grixx

Grixx offers a complete range of mobile accessories that enable users to optimize the use of their mobile device. Each product offers great value for money and is developed and produced with respect for the environment, people and working conditions.

The range contains – amongst others – headphones, powerbanks, (wireless) chargers, sync & charge cables and many more!

For more information and more products please go to [www.grixx.eu](http://www.grixx.eu).

*Grixx and the Grixx logo are registered trademarks of Leli Group Holding B.V.; Leli Group Holding B.V. is the warrantor in relation to this product.*

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