

maxell

Mobile Battery

MPC-CW5200P BC1

PA0567-02

User Manual

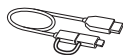
Thank you for purchasing the Maxell product. Please carefully read this instruction manual before use and use it correctly.

Content of the package

Device X 1



• Charging Cable
(Micro-B+Type-C)
Approx. 20cm X 1



User manual
X 1

1 Introduction

Before reading the instruction manual

- This instruction manual is subject to change without notice.
- In order to improve the product, appearance of some parts or specifications may be changed without notice.
- Unauthorized duplication of part or all of this instruction manual is prohibited except for personal use. Moreover, without permission unauthorized reprinting of this manual is strictly prohibited.

Disclaimer

- We assume no responsibility for any damage caused by fire, earthquake, action by any third party, other accidents, customer's intention or fault, incorrect use, or use under other abnormal conditions.
- We assume no responsibility for any damage caused by any usage not described in this Instruction Manual.
- We assume no responsibility for any damage caused by malfunction due to combination with connection equipment and devices.

- This product is not intended for use with equipment and devices related to human life such as medical equipment and devices, nuclear equipment and devices, aerospace equipment and devices, transportation equipment, and equipment and devices which require a high standard of reliability. We assume no responsibility if this product is used for the control systems of these types of equipment and devices and if any injury or fire occurs due to failure of the product.

2 Safety Precautions

Please be sure to observe it for safe use.

	Danger: Danger refers to misuse which might lead to death or serious injury ^{*1} to a high degree.
	Warning: Warning refers to misuse which might lead to death or serious injury.
	Caution: Caution refers to misuse which might lead to injury ^{*2} and may cause property damage ^{*3} .

*1: Severe injury refers to things that have aftereffects such as blindness, injury, burns, electric shock, fractures, poisoning, etc., and those requiring hospitalization or long-term regular hospital visits for treatment.

*2: Minor injury indicate injury, burns, electric shocks that do not require hospitalization or long-term regular hospital visits for treatment.

*3: "Property damage" refers to indirect damage related to houses, household goods, livestock and pets.

KEY		△ stands for caution to fire, explosion, high temperature when handling the product. Details will be illustrated inside the symbol. (e.g. △ Electric shock)
		⊘ stands for prohibited actions when handling the product. Details will be illustrated inside or next to the symbol or with written description next to it. (e.g. ⊘ Do not decompose)
		● stands for instruction which must be followed. Details will be illustrated inside or next to the symbol or with written description next to it. (e.g. ● Remove plug from socket)

Danger

Do not connect input and output in reverse

Failure to do so may cause overheating, fire, malfunction, electric shock or injury.

Only charge via a USB port

When charging the device, please use the USB port of a personal computer etc. or the USB conversion AC adapter. Using a power supply exceeding the USB rating may cause overheating, fire, failure, electric shock or injury.

Do not disassemble or modify

It may cause overheating, ignition, rupture, leakage or malfunction.

Keep away from liquids

If liquids such as water, seawater, juice enters, it may cause heat generation, electric shock or malfunction.

Do not short-circuit terminals

Please do not carry or store with metallic necklace or hairpin etc. It may cause overheating, electric shock, failure or injury.

Do not store or use in a locations with high temperature

Do not place in a location where it will be hot such as near fire, stove, direct sunlight, in the car under the scorching sun. It may cause deformation, breakdown or burns.

Keep away from fire

Please keep away from fire or do not heat it. It may cause overheating, ignition, rupture or liquid leakage.

Do not touch leaked liquid

If liquid leaks from this device and gets into the eye, do not rub. Rinse with plenty of clean water immediately and consult a doctor. It may cause blindness.

Warning

Do not use if there is abnormality such as heat generation, discoloration, deformation, odor, etc. during storage or use

Ignition, rupture, leakage or injury may result.

When leaked liquid from this product adheres to the skin and clothing, immediately rinse with clean water

It may cause damage to the skin.

If the charging is not completed within the predetermined charging time, please stop charging

It may cause liquid leakage, overheating, fire, or rupture etc.

Do not use the product in locations with high humidity such as a bathroom

It may cause overheating, electric shock or malfunction.

Avoid strong impact to the product by stepping on or allowing the product to fall

Doing so may cause deformation, leakage, overheating, ignition, explosion, breakdown, etc..

Do not place flammable materials or heavy objects on the product, or cover or wrap with blankets or cushions

It may cause overheating, ignition, explosion or liquid leakage.

Do not place in cooking equipment such as microwave oven or high pressure vessel

It may cause overheating, smoke emission or fire.

Do not use the product in locations where there is a danger of ignition or explosion

It may cause explosion or fire.

Do not use with wet hands

It may cause overheating, electric shock, malfunction, etc.

Do not insert metal etc into the main unit and terminals

It may cause overheating, electric shock, malfunction, etc.

In the case when the product is used by children, parents should instruct children how to use it in a safe manner

Please check whether the product is used safely during use. It may cause electric shock or injury.

Use and store it out of reach of children

It may cause electric shock or injury.

Caution

Do not place in locations where it is easy to fall or in locations with high levels of magnetism and dust

Failure to do so may result in injury, overheating, fire, explosion, leakage.

Charge in the temperature range of 0 to 40°C

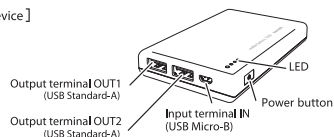
Charging at temperatures outside this range may cause leakage, overheating, explosion or failure.

Charge at least once every 6 months

Charging may not be possible if it is fully discharged.

3 Part Names

[Device]



Charging Capacity Display (charging)

0~25%	
25~50%	
50~75%	
75~99%	
100% (Fully charged)	

Battery Capacity Display

75~100%	○ ○ ○ ○ ○
50~75%	○ ○ ○ ●
25~50%	○ ○ ● ●
1~25%	○ ● ● ●
0%	● ● ● ●

○...Light on ✨...Light flashing ●...Light off

※ If you press the power button without connecting cable, the LED lights for about 15 seconds according to the remaining battery power.

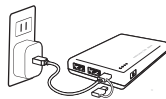
※ LED display during discharge may experience deviation due to the load during discharge

4 Operating Instructions

Charge this product (After purchase, please charge before use.)

- Using the included USB cable of the main unit, connect the input terminal to the USB port of the AC adapter or PC etc. While charging, the indicator LED lights and flashes according to the battery capacity.
- When fully charged, all LEDs would light up, please unplug the cable and finish charging.

※ AC adapter is not included with this product.



Approximate charging time	0~80%	0~100%
AC Adaptor DC5V/1.8A above	Approx. 3hrs	Approx. 4.5hrs
USB Port DC5V/0.5A	Approx. 10hrs	Approx. 12hrs

Caution

● Charging cable (USB Type-C) cannot be used to charge this product. If it is forcibly connected, the connector would be damaged. ● Please check the orientation of the terminals carefully before inserting. If the connection is made incorrectly it will cause the connector to be damaged. ● If charging cannot be completed even after the elapse of the specified time, please discontinue charging. ● If device is not being used for long time, please charge at least once every 6 months. Charging may not be possible if it is fully discharged by itself.

Charge the equipment

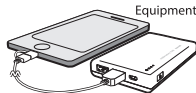
- Please use the dedicated charging cable or equipment recommends ones. Use the cable to connect between the device output terminal and equipment. Please use the cable as following:

USB Type-C Installed equipment	Charging Cable (USB Type-C)
USB Micro-B Installed equipment	Charging Cable (USB Micro-B)
iPhone, iPod, iPad	Please use the iPhone, iPod, iPad dedicated cable ※ 1

※ 1. When using the output terminal OUT1, it recognizes the necessary current and charges it.

- When you press the power button, the LED will light up and charging will begin.
 - Please check the level of charge with the charge display of the connected equipment. When fully charged, charging stops automatically and the LED turns off.
 - If charging is completed, or when charging is interrupted, please push the power button to stop charging and disconnect the cable.

For detailed information such as latest compatible equipment, please check the following website.



<http://navi.maxell.co.jp/products/charger/>

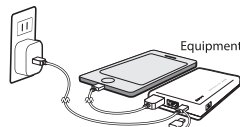
Caution

● This product has a maximum output of DC5V/3A (2 port totally). When the charging current of the connected device exceeds the rated current, the circuit protection system may be triggered and may not be able to charge the device. Also, when the charging current of the device is 0.1A or less, the auto power off function is triggered and it will not be possible to charge the device. ● 100% charge depends on connected equipment. LED automatically stops charging before it becomes 100% or even if it reaches 100%, it may not turn off. ● When the battery level of this product is low, the output current may be limited. ● Charging may not be possible in the case of a device that communicates with personal computers. ● When the battery level of the device is zero, there are instances when it takes time to start up or it is not possible to charge. ● Even if the contents of the memory of the device are erased whilst using this product we will not take responsibility for the lost data.

Charging the product and charging your device at the same time

- Use the included charging cable (USB Micro-B), connect the input terminal and the AC adapter with USB output.
- Use the charging cable recommended by equipment to connect the output terminal of this product to your device.

- When the AC adapter is plugged in, the LED will light up and charging of the device will start.
 - Press the power button on the main unit to charge the equipment
- ※ In the case of simultaneous charging, the LED display may vary depending on the charging status.



※ AC adapter is not included with this product.

Caution

Since priority is given to charging the smartphone, depending on the situation, it may not be possible to charge the product at the same time.

5 Maintenance

Please remove any dirt on the main unit with a neutral detergent or cloth containing water, and wipe it off with a soft, dry cloth. Do not use benzine, thinner, alcohol, etc.

6 Troubleshooting (When problems arise)

Phenomenon	Cause	Solution
LED does not light up when charging this product. Or, if the charging time is longer than the predetermined time	Computer is in standby mode	Move from standby mode on the computer
	USB port is low on power	Remove other devices connected to the USB port
	While charging this product, charging other devices at the same time	Disconnect other equipment connected to this device
	Temperature of charging location exceeds working temperature range	Charge within the range
The enclosure is warm	The product was stored for a long time, and the battery was completely discharged	Can not be used. Please charge at least once every 6 months not to discharge completely
	The device will get warm after or during charging. This is normal	Continue usage after rest for a while

Phenomenon	Cause	Solution
The LED does not light up or LED does not flash when the power button is being pushed	The battery level is low	Charge the device
	the overcurrent protection circuit is activated	Confirm current usage (power consumption) of equipment
	Connected cable terminal is wrong	Please use the dedicated charging cable. Check the shape of the input terminal of the equipment
The device cannot be charged	Equipment is not connected properly	Ensure proper connection
	Charging while using equipment, such as playing movies	Turn the equipment off and charge
	Low battery level	Charge the device
Short discharge time	Battery has reached the end of its life	If the discharge time becomes extremely short even when it is fully charged, then the battery has reached the end of its life
	It is used in a high temperature environment	Use when the temperature has cooled down

7 Specification

Dimensions : W63.5 x H98 x D14.6mm (excluding protrusions)

Input: DC5V / 1.8A max.

Output : DC5V / 3A max. (2 ports total)

(1 port 2.1A max)

Weight : Approx. 127g

Operating Temperature : 0~40°C

Cable Length : approx. 20cm

Built-in Battery : Lithium-ion battery 3.8V/5200mAh (19.8Wh)

Maxell, Ltd.

30-13 Motoyoyogi-Cho, Shibuya-Ku, Tokyo 151-8527

<http://www.maxell.co.jp>