

mobile BATTERY  
MPC-CPD15000

User Manual

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

Content of the packaging

Device x1



Charging Cable  
(Approx. 15cm) x1



User manual x1

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** (See the warranty certificate for details of the warranty.)

- 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.
- The warranty stated in the warranty certificate is all we warrant, and we do not warrant anything except for this warranty including express warranty and implied warranty.
- 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.

|  |                                                                                                                                 |
|--|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Danger:</b> Danger refers to misuse which might lead to death or serious injury <sup>*1</sup> to a high degree.              |
|  | <b>Warning:</b> Warning refers to misuse which might lead to death or serious injury <sup>*1</sup> .                            |
|  | <b>Caution:</b> Caution refers to misuse which might lead to injury <sup>*2</sup> and may cause property damage <sup>*3</sup> . |

- <sup>\*1</sup>: 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.
- <sup>\*2</sup>: Minor injury indicate injury, burns, electric shocks that do not require hospitalization or long-term regular hospital visits for treatment.
- <sup>\*3</sup>: "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

|                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Do not disassemble or modify</b>                                                                                                              |
| It may cause leakage, malfunction, overheating, fire, rupture or injury.                                                                         |
| <b>Keep away from liquids</b>                                                                                                                    |
| If liquids such as water, seawater, juice enters, it may cause Internal short circuit, overheating, fire, malfunction, electric shock or injury. |
| <b>Keep away from fire</b>                                                                                                                       |
| Please keep away from fire or do not heat it. It may cause overheating, ignition, rupture or liquid leakage.                                     |
| <b>Do not short-circuit terminals</b>                                                                                                            |
| Please do not carry or store with metallic necklace or hairpin etc. It may cause overheating, electric shock, failure or injury.                 |
| <b>Do not connect input and output in reverse</b>                                                                                                |
| Failure to do so may cause short circuit, malfunction, overheating, fire or injury.                                                              |

|                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Only charge via a USB port</b>                                                                                                                                               |
| Use the AC adapter with USB output (with <PSE> mark) when charging. Using other power sources may cause overheating, fire, failure, electric shock or injury.                   |
| <b>Do not store or use in a locations with high temperature</b>                                                                                                                 |
| Do not place it 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. |
| <b>Do not touch leaked liquid</b>                                                                                                                                               |
| 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

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Do not use if there is abnormality such as heat generation, discoloration, deformation, odor, etc. during storage or use</b> |
| Ignition, rupture, leakage or injury may result.                                                                                |
| <b>When leaked liquid from this product adheres to the skin and clothing, immediately rinse with clean water</b>                |
| It may cause damage to the skin.                                                                                                |
| <b>If the charging is not completed within the predetermined charging time, please stop charging</b>                            |
| It may cause liquid leakage, overheating, fire, or rupture etc.                                                                 |
| <b>Do not use the product in locations with high humidity such as a bathroom</b>                                                |
| It may cause overheating, electric shock or malfunction.                                                                        |
| <b>Avoid strong impact to the product by stepping on or allowing the product to fall</b>                                        |
| Doing so may cause deformation, leakage, overheating, ignition, explosion, breakdown, etc.                                      |
| <b>Do not place flammable materials or heavy objects on the product, or cover or wrap with blankets or cushions</b>             |
| It may cause overheating, ignition, explosion or liquid leakage.                                                                |
| <b>Do not place in cooking equipment such as microwave oven or high pressure vessel</b>                                         |
| It may cause overheating, smoke emission or fire.                                                                               |

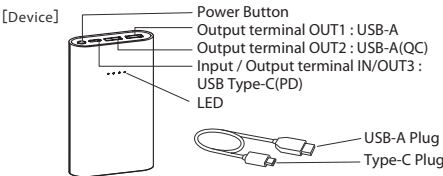
|                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------|
| <b>Do not use the product in locations where there is a danger of ignition or explosion</b>                              |
| It may cause explosion or fire.                                                                                          |
| <b>Do not use with wet hands</b>                                                                                         |
| It may cause overheating, electric shock, malfunction, etc.                                                              |
| <b>Do not insert metal etc into the main unit and terminals</b>                                                          |
| It may cause overheating, electric shock, malfunction, etc.                                                              |
| <b>In the case when the product is uses by children, parents should instruct children how to use it in a safe manner</b> |
| Please check whether the product is used safely during use. It may cause electric shock or injury.                       |
| <b>Use and store it out of reach of children</b>                                                                         |
| It may cause electric shock or injury.                                                                                   |

Caution

|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| <b>Do not place in locations where it is easy to fall or in locations with high levels of magnetism and dust</b> |
| Failure to do so may result in injury, overheating, fire, explosion, leakage.                                    |
| <b>Charge in the temperature range of 0 to 35°C</b>                                                              |
| Charging at temperatures outside this range may cause leakage, overheating, explosion or failure.                |
| <b>Charge at least once every 6 months</b>                                                                       |
| Charging may not be possible if it is fully discharged.                                                          |
| <b>Do not apply excessive force</b>                                                                              |
| Doing so may cause transform leakage, overheating, ignition, explosion or breakdown.                             |

### 3 Part Names

[Device]



Level indicator (when charging)

|                     |         |
|---------------------|---------|
| 0 ~ 25%             | ☼ ● ● ● |
| 25 ~ 50%            | ○ ☼ ● ● |
| 50 ~ 75%            | ○ ○ ☼ ● |
| 75 ~ 99%            | ○ ○ ○ ☼ |
| 100%(Fully charged) | ○ ○ ○ ○ |

○ ... Light on  
☼ ... Light flashing  
● ... Light off

Battery Capacity Display

|           |         |
|-----------|---------|
| 75 ~ 100% | ○ ○ ○ ○ |
| 50 ~ 75%  | ○ ○ ○ ● |
| 25 ~ 50%  | ○ ○ ● ● |
| 5 ~ 25%   | ○ ● ● ● |
| 1 ~ 5%    | ☼ ● ● ● |
| 0%        | ● ● ● ● |

### Charging the equipment

1. Please connect the output terminal of this product to the equipment with the included charging cable or the charging cable recommended by the manufacturer of the equipment. LED will light ON and charging will start. If not, please press the power button.
  2. Please check the charging status displayed on the connected equipment. If charging is completed, charging would stop automatically, please remove the cable. (Depending on the connected equipment, charging may stop automatically before it is fully charged. Also, the LED may not turn off even when the equipment is fully charged, you may press the Power Button twice to stop charging.)
- For detailed information such as latest compatible equipment, please check our website.  
<https://www.maxell.jp/charger/>



### Caution

● This product has a maximum output of 18W(OUT2:QC/OUT3:PD). If the charging current of the equipment exceeds the rated current, the protection circuit may be triggered and may not be charged. If the charging current of the device is about 0.1A or less, the automatic stop function will be activated and cannot charge. ● When multiple devices are connected at the same time, DCSV/max 3A (3 port output total). ● If the product is being charged, output will stop. ● The output current may be limited when the battery level of the product is low or when the internal temperature rises. ● Charging may not be possible if the equipment is designed to communicate with a PC. ● When the battery level of the equipment is 0, it may take time until the equipment can be operated, or it may not be able to charge. ● In the unlikely event that data is lost while equipment is connected to this product, we will not take responsibility and will not compensate.

### 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 benzene, thinner, alcohol, etc.

### 6 Troubleshooting (When problems arise)

| Phenomenon                                                                                                             | Cause                                                                                                                         | Solution                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| LED does not flashing when charging this product.<br>Or,<br>if the charging time is longer than the predetermined time | Computer is in standby mode                                                                                                   | Move from standby mode on the computer                                                   |
|                                                                                                                        | USB port power is low                                                                                                         | Remove other equipment 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                                                            | Use when returning to normal temperature                                                 |
|                                                                                                                        | Stored for a long time in a state where there is no remaining battery, the battery has completely discharged and deteriorated | Cannot be used. Please charge at least once every 6 months to avoid completely discharge |

| Phenomenon                                                      | Cause                                                             | Solution                                                                                                                      |
|-----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| The enclosure is warm                                           | The device will get warm after or during charging. This is normal | Continue usage after rest for a while                                                                                         |
| The LED does not light up when the power button is being pushed | The battery level is low                                          | Charge the device                                                                                                             |
|                                                                 | The overcurrent protection circuit is activated                   | Charge the device                                                                                                             |
|                                                                 | Connected cables and terminals do not match                       | Use the supplied charging cable. Check the shape of the input terminal of the device                                          |
| 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                                                                                             |
| Short discharge time                                            | Low battery level                                                 | Charge the device                                                                                                             |
|                                                                 | 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 returning to normal temperature                                                                                      |

### 7 Specification

#### Device

Dimensions : W70 x H110 x D26mm

Input : Type-C(PD/QC) DCSV/Max. 2.8A, DC9V/Max. 2.3A

Output : Simultaneous output DCSV/3A (maximum total)

OUT1 USB-A DCSV/2.4A

OUT2 USB-A(QC) DCSV/2.4A, 9V/2A, 12V/1.5A

OUT3 Type-C(PD) DCSV/2.4A, 9V/2A, 12V/1.5A

Weight : Approx. 275 g

Built-in Battery : Lithium-ion battery 3.63V / 14550mAh(52.8Wh)

Operating Temperature : 0~35°C

#### Accessories

Charging Cable : USB-A - Type-C, approx. 15cm

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**Maxell, Ltd.**

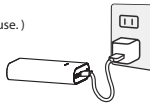
30-13 Motoyoyogi-Cho, Shibuya-Ku, Tokyo 151-8527

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

### 4 Operating Instructions

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

1. Using the included charging cable to connect the input/output terminal (Type-C) and the AC adapter with USB output. While charging, the LED light up and flash according to the charge capacity.



※AC adapter is not included with this product.

2. When fully charged, all LEDs would light up, please unplug the cable and finish charging.

#### Approximate charging time

| AC adapter rated output    | 0→80%         | 0→100%        |
|----------------------------|---------------|---------------|
| DC9V/2.3A or above (PD/QC) | Approx. 3 hrs | Approx. 5 hrs |
| DC5V/2.8A or above         | Approx. 4 hrs | Approx. 6 hrs |

#### Caution

● Use the included charging cable to charge this device. If use any other cable, it may cause heat, deformed or short-circuit. ● Please check the USB plug orientation before inserting. If inserted incorrectly, the terminal may be damaged. ● If charging cannot be completed after the specified time, please stop charging. ● If device is not being used for long time, please charge at least once every 6 months. Charging may not be possible or may take longer time if it is completely discharged by self-discharge. ● This product supports quick charging with DC9V (QC/PD), but the charging time varies depending on the USB output AC adapter used and the environmental temperature.