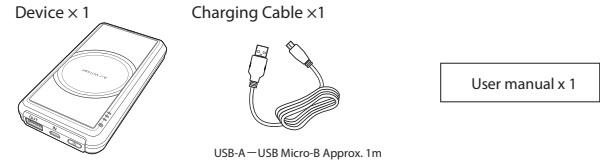


Wireless Mobile Battery
WP-PDB50

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



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.

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.

		△ 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

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

Warning

Do not connect input and output in reverse	
Failure to do so may cause overheating, fire, malfunction, 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 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.	
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 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.	
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 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.	

Do not place anything that is not a Qi compatible device on the product.	
Failure to comply may cause fire, electric shock or burns. Especially, metal objects can generate heat and may cause fire or burns	
Do not place metal objects between this product and the device to be charged.	
Do not place metal pieces such as metal clips or coins. Metal pieces can generate heat and may cause fire or burns.	
Do not stick stickers or tapes on this product or the device to be charged.	
It may cause fire, electric shock or burns.	

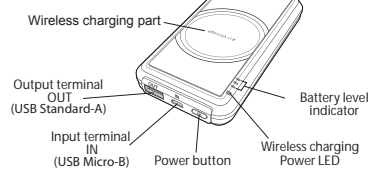
A person with a heart pacemaker should consult with the doctor before use.	
This product may interfere with a heart pacemaker.	
In the case when the product is uses by children, parents should instruct children how to use it in a safe manner	
Please check whether the product is used safely during use. It may cause electric shock or injury.	
Use and store it out of reach of children	
It may cause electric shock or injury.	

Caution

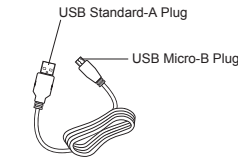
Do not place in locations where it is easy to fall or in locations with high levels of magnetism and dust	
Failure to do so may result in injury, overheating, fire, explosion, leakage.	
Charge in the temperature range of 0 to 35°C	
Charging at temperatures outside this range may cause leakage, overheating, explosion or failure.	
Charge at least once every 6 months	
Charging may not be possible if it is fully discharged.	
Do not use in a car.	
It may interfere with equipment such as the automobile anti-theft system.	
Do not put the product close to objects that are sensitive to magnetism.	
IC cards, credit cards, cash cards etc. may be damaged by magnetism or heat. Remove the card inserted in the cover before use.	
Do not apply excessive force	
It may deform the product, leakage, overheating, ignition, explosion or breakdown.	

3 Part Names

Device



Charging Cable



Wireless charging power LED

Status	Power LED Indicator
Standby	Green Light up
Charging	Orange Light up
Abnormal temperature	Red Light up
Foreign object detected	Red Flash
Internal abnormality	Flash alternating red & green, or flash alternating orange & red
Power off	Light off

Battery Capacity Display

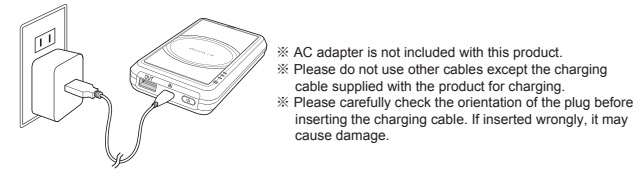
Remaining Capacity	LED Display	
	Charging	Other than charging
0%		
0~5%		
5~30%		
30~70%		
70~99%		
100% (Fully charged)		

- ⦿ ...Light on ...Light flashing ● ...Light off
- ※ Discrepancies may occur indication of the remaining capacity during discharge depending on the load at the time of discharge.
- ※ Please do not use the supplied charging cable for other products.
- ※ When used as an output, a cable corresponding to the device is required.

4 Operating Instructions

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

- Using the 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.



Approximate charging time

Charging method	0→80%	0→100%
AC Adapter DC5V/2.4A above	Approx. 4 hrs	Approx. 5 hrs
USB Port DC5V/0.5A	Approx.11 hrs	Approx.13 hrs

Caution

- If charging can not be completed even after the elapse of the specified time, please discontinue charging. ● Even if you do not use this product for a long period of time, please charge at least once every 6 months. Charging may not be possible if it is fully discharged ● Charging time varies depending on the AC adapter or PC etc. you use.

Check remaining battery level

- If you press the power button without connecting anything, the remaining battery indicator light will light up according to the battery level (Approx. 1 min)

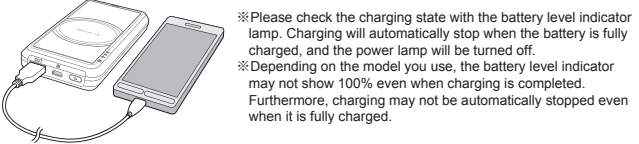
Wirelessly charging

- When the power button of this product is pressed and place the device in the center of the wireless charging part, the color of power lamp changes from green (standby) to orange color (charging) and charging begins. Please also check the display of the device to confirm start charging.



Charging with cable connection

- Please connect the output terminal of this product to the device using the supplied charging cable or a charging cable recommended by the manufacturer of the device to be charged. The LED will light up and charging to the device will start. If charging does not start, please press the power button.



Caution

- This product can out put DC5V/3A maximum from the output terminal. When the total of the charging power of the connected device and the power consumption of the wireless charging exceeds 15W, the protection circuit operates and the charging function may not work. Furthermore, if the charging current of the device is 0.1A or less, the automatic stop function operates and the charging function will not work. ● If used in a high temperature environment, the protection circuit may operate and the charging function will not work. ● Depending on the model of device, it may not be fully charged. ● When the battery level of this product is low, the output current may be limited. ● Charging may not be possible in case of a that device communicates with a PC. ● When the battery level of the device is zero, it may take time to start up or may not be able 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.

5 Maintenance

Please remove any dirt on the main unit with a soft, dry cloth. Do not use water, detergent, benzine, thinner, alcohol etc.

6 Troubleshooting (When problems arise)

Phenomenon	Cause	Solution
The battery level indication lamp does not light up or flash when charging this product	USB port is low on power	Try a different USB port. Remove other devices connected to the USB port
	The PC is in stand-by mode	Release the stand-by mode of the PC
	Temperature of charging location exceeds working temperature range	Charge within therange
	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
Charging time is longer than the predetermined time	USB port is low on power	Try a different USB port. Remove other devices connected to the USB port
The enclosure is warm	The device will get warm after or during charging. This is normal	Continue usage after rest for a while
When pressing power button The battery level indication lamp does not light or flash	No battery remain	Charge the device
	The overcurrent protection circuit is activated	Confirm current usage of equipment
The device cannot be charged	The device is not compatible with Qi wireless charging standard	Check if the device is compatible with Qi standard.
	The wireless charging distance is too far	Remove the case from the device. Remove foreign object between the product and the device.
	Charging while using the device such as playing movies	Turn off the equipment
	Equipment is not connected properly	Ensure proper connection
	Connected cables and terminals do not match	Use the supplied charging cable. Check the shape of the input terminal of the device
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 the temperature has cooled down

7 Specification

Dimensions	W67×H130×D22mm
Input	DC5V / Max. 2.1A
Output	Wireless : 5W (Qi Version 1.2.4) USB :DC5V / Max. 3A
Weight	Approx. 200g
Operating Temperature	0~35°C
Built-in Battery	Lithium-ion battery 3.8V / 6200mAh (23.6Wh)
Cable Length	Approx. 1m

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