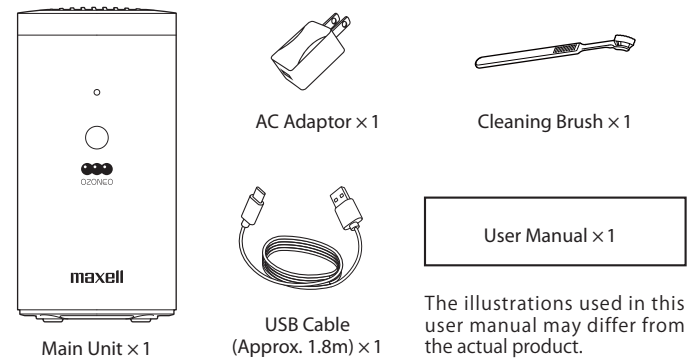


Thank you for purchasing this Maxell product. Before use, make sure to read this Instruction Manual and use the product correctly and safely. Please take reference to the attached appendix if there is any.

Content of the package



1 Before Starting

About the user manual

- Contents of this user manual might be changed in the future without prior notice.
- For product improvement, change of appearance or specification might not be announced in advance.
- Except for personal use, any unauthorized copying of part or all parts of this manual is prohibited. Unauthorized republication is strictly prohibited.

Disclaimer

- Maxell shall not be responsible for any damage caused by fires, earthquakes, action of a third party, any accidents, intended or unintended misuse or other usage under abnormal conditions.
- All explicit and implicit contents not stated in the warranty card are not covered.
- Maxell shall not be responsible for failure due to any damage caused by usage other than described in the instruction manual.
- Maxell shall not be responsible for any loss resulted from malfunction when connecting to interconnecting devices.
- This product is not being designed to be any equipment or device which could be concerned with human life such as medical device, nuclear device, astronomic device, transportation device etc., nor equipment or devices which requires high reliability. In case this product is used for the above equipment and/or systems, Maxell do not responsible for any injuries or fire accident cause by the failure of this product.

2 Safety Caution

Please strictly follow and use safely.

	Warning Warning refers to “Misuse which might lead to death or serious injury” ¹ .”
	Caution Caution refers to “Misuse which might lead to injury” ² or damage” ³ .”

*1: Serious injury refers to blindness or injuries, burnt, electric shock, bone fracture, poisoned or injury with after-effect, or resulted in hospitalization or long-term follow-up consultation.

*2: Injury refers to burnt, electric shock which do not result in hospitalization or long-term follow-up consultation.

*3: Damages refers broad damages to houses or properties and domestic animals/pets.

Example of symbols		△ Stands for caution to fire, explosion, high temperature when handling the product. Details will be illustrated inside the symbol. (e.g. △ Beware of 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)

WARNING

- Please do not use in a place which cannot be ventilated.
- The recommended application range of this product is approx. 1-8 tatami (~1.55-12.4m²). Please check the size of the room you will be using before installing. Do not use outside the recommended range. Use outside the recommended range may cause harm to humans or pets, or damage to property.
- Please keep it out of reach of children to prevent electric shock or injury.
- When the product is used near small animals, please pay attention to their condition.
- Material such as natural resin which are easy to oxidize could depreciate rapidly when they are kept too close to the product.
- Please stop using this product and ventilate the air, if you feel a change in physical condition such as a headache.
- Person who has asthma or related medical history, please consult your physician before use.
- Please use at least 30cm away from the air-outlet. (Please do not place objects within 30cm from the air outlet.)
- Do not use in places where there is oily smoke, flammable gas, or metallic dust. It may cause fire or smoke.

WARNING

Abnormalities and Malfunction

- **Stop use and remove the AC adaptor from the socket immediately.** If the main unit produces smoke, odor or noise, or water and foreign objects enters the main unit, stop use immediately and remove the adaptor. Continuation of use may cause smoke, fire, electric shock and etc.

Main Unit · AC Adaptor · USB Cable

- **Do not repair, disassemble or remodel** This may cause fire, electric shock or injury.

- **Do not contact with water** Do not pour water on the main unit or dip it into water. This may cause electric shock or fire.

- **Stop use after dropping and damage to the main unit** Continuation of use may cause electric shock, fire or injury.
- **Use and store properly at places out of children’s reach** This may cause electric shock or injury.

- **Do not put into fire** Do not put the main unit into fire or heat it. This may cause overheat, fire or damage the main unit.
- **Do not put into refrigerators** This may cause malfunction.
- **Do not put into heating appliances such as microwave ovens or pressure cookers** This may cause smoke or fire.

- **Do not use with wet hands** This may cause overheating, electric shock or malfunction.

Main Unit

- **Use only USB power** Use the included AC adapter. Using another power supply that exceeds the USB rating of 5V may cause overheating, fire, malfunction, or injury.
- **Do not put finger or foreign objects (such as metal) inside the air outlet or air inlet** This may cause electric shock or injury.
- **Do not put drinkable water, cigarette ashes and flammable objects inside the main unit from the air outlet or air inlet** This may cause electric shock or fire.
- **Do not cover the air outlet or inlet with your hand or objects** It may cause electric shock or malfunction.

About AC Adaptor and USB Cable

- **Use only the included AC adaptor and USB cable** It may cause electric shock or fire.
- **Do not use at a voltage other than the specified power supply voltage** It may cause electric shock or fire. The input voltage of the AC adaptor of this product is AC100V to 240V.
- **Do not use at loosen sockets** If it is loose between the AC adaptor and the socket, do not use it. This may cause fire or electric shock.
- **Do not cover the AC adaptor with cloth or other objects** Trapped heat may deform the case and cause fire or electric shock.
- **Do not use broken AC adaptor or USB cable** This may cause electric shock or fire.

WARNING

- **Make sure to insert the AC power adaptor completely** Use of the product with the power adaptor incompletely inserted may result in electric shock or fire.

Setting Up and Use

- **Do not use in a place which cannot be ventilated**
- **Do not use in area smaller than the recommended size**
- **Do not place any objects within 30cm from the air-outlet** Using under inappropriate environment may harm humans or pets, or may lead to damage to properties.
- **Do not use in location close to oily smoke, flammable gases or metallic dust** It may cause fire or smoke.

Maintenance

- **Please remove the AC adaptor during maintenance** This may cause electric shock or fire.
- **Please clean the dirt on the AC adaptor regularly** Regularly clean the waste or dirt. High humidity will cause poor insulation by dirt which may cause fire.
- **If there will be a long period of non-use, please remove the AC adaptor from socket** Deterioration of insulation may cause electric shock and fire led by electric leak.

CAUTION

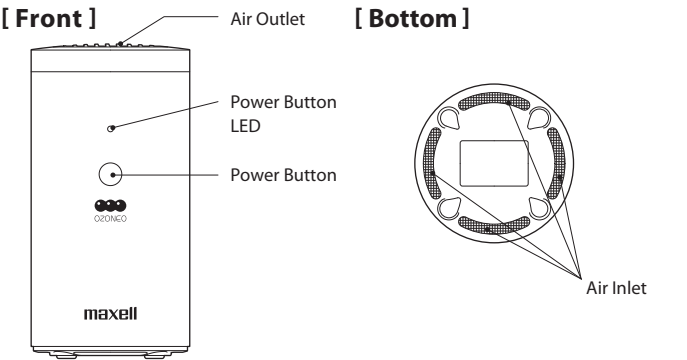
Setting Up and Use

- **Do not place in locations in direct sunlight or with abnormally high temperature** This may cause fire or deterioration of the surface and parts of the main unit. Do not place inside a closed car, in locations in direct sunlight or near heating appliances such as stoves.
- **Do not place in unstable locations** Do not place on shaky platforms and slanted locations. Dropping and falling may cause malfunction.
- **Do not place in highly humid or dusty locations** Do not place in locations such as bathroom, air humidifier, kitchen and dusty locations. This may cause electric shock or fire.
- **Do not place near television or radio** If same socket is used for these types of products, this may cause disruption to sounds and images.
- **When dew condensation happens on this product, do not turn on power input** Sudden changes in temperature may cause dew of the parts inside. Do not turn on the power input and set the main unit aside.

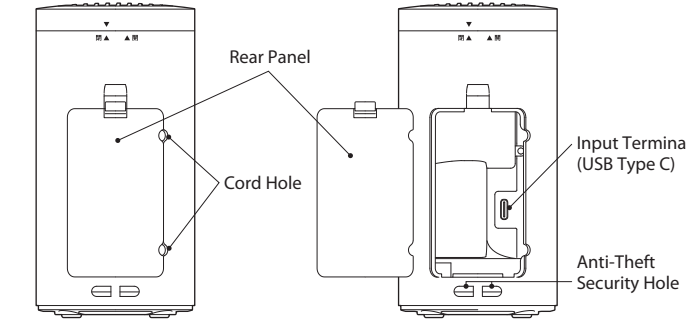
Maintenance

- **Do not use chemicals** Do not use chemicals such as benzene, thinner or alcohol to wipe. Do not use contact cleaner. This may cause deterioration of the case and melting of parts.

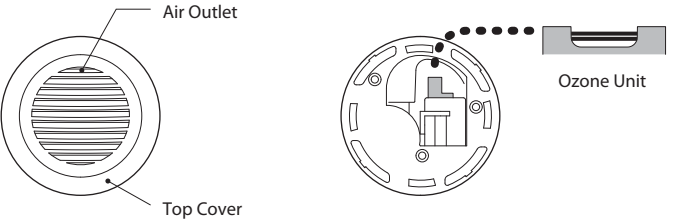
3 Name Of Parts



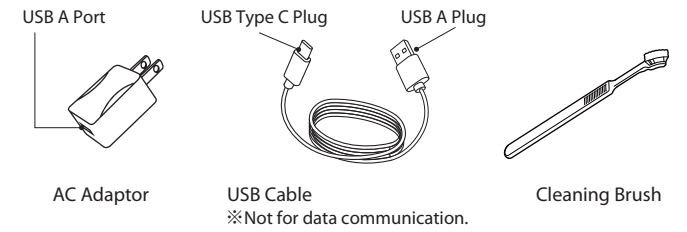
[Back]



[Top]



[Accessories]



[Installation Conditions For Use]

Please read the user manual carefully and use the product safely when using this product.

[Recommended Coverage]			
Mode	1	2	
Applicable Space	1~4 tatami ^{※1} (1.55~6.2m ²)	4~8 tatami ^{※1} (6.2~12.4m ²)	
Power Button LED	Flash 	Light On 	

- The recommended coverage shown above is based on our test results, the space concentration of ozone is set as 0.05 ppm or less. Please follow the recommended coverage while using the main unit.
- Please do not use in a place which cannot be ventilated.
- The above recommended coverage is only for one main unit. Do not use with multiple units.
- Please use at least 30cm away from the air-outlet. (Please do not place objects within 30cm from the air outlet.)
- Ozone may smell and it is normal. You may feel uncomfortable such as headache due to individual differences. In that case, stop using immediately and ventilate. (See Table 1 for ozone concentration and its effect on the human body)
- For other precautions, please read this user manual thoroughly.

Table1		
Ozone Concentration (ppm)	Effect	
0.01	Sensitive people could feel the smell of ozone	
0.02	Feel the smell of ozone (will get used to it)	
0.06	Environmental standard concentration of photochemical oxidant (Ministry of the Environment Government of Japan)	
0.1	Feels strong ozone odor, irritates nose and throat	
	Tolerable concentrations in the working environment (Japan Society for Occupational Health)	

※2: Based on internal test results
※ Refer to Japan Ozone Association Ozone Handbook
The result is confirmed under the condition of ventilation rate (0.5 times / hour) in the living room of the house conforming to the Building Standards Law; it is effective and it is set that the ozone concentration is less than the average allowable concentration in the room set by the Japan Air Cleaning Association. (0.5 times / hour means that 1/2 of air in the room is replaced in one hour.) The effect of use depends on the using environment such as temperature and humidity, using time, and using space.

4 How To Use

[Installation]

The recommended application range of this product is approx. 1-8 tatami (~1.55-12.4m²)*². Please check the size of the room you will be using before installing. Do not use for rooms other than these recommended coverage guidelines.

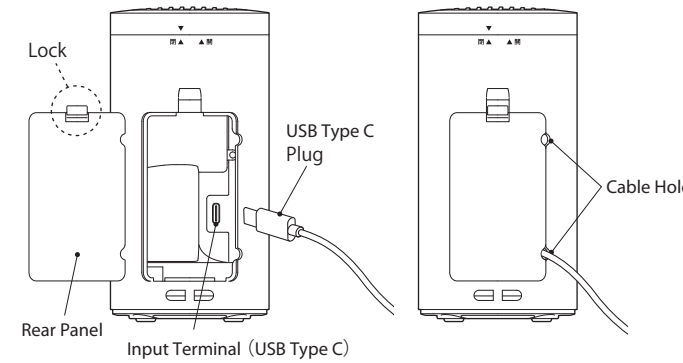
※2: Guideline based on our test results.

It has been confirmed under the condition of ventilation rate (0.5 times / hour) in the living room of the house conforming to the Building Standards Law; it is effective and it is set that the ozone concentration is less than the average allowable concentration in the room set by the Japan Air Cleaning Association. The effect of use depends on the using environment such as temperature and humidity, using time, and using space.

[Connecting to Power]

1. Press the lock of the rear panel to remove the rear panel. Connect the input terminal (USB Type C) of the main unit to the AC adaptor with the included USB cable. Pass the cable through one of the cable holes according to the installation position. Then re-attach the rear panel.



※ Be careful not to squeeze the cable.

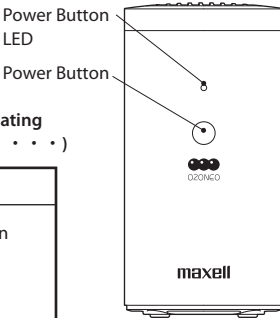


2. Insert the USB A plug into the USB A port of the AC adaptor and plug the AC adaptor into the power outlet.

[Operating]

1. Press and hold the Power Button (approx. 2 seconds) , the Power Button LED will flash and start operation in mode 1.
2. Mode change
Each time you press the Power Button, the operating mode will change. (1 → 2 → 1 → 2 → 1 → . . .)

Mode	1	2
Power Button LED	Flash 	Light On 



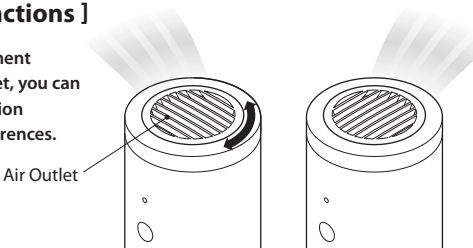
3. To stop the operation, press and hold the Power Button (approx. 2 seconds). The Power Button LED turns off and the operation stops.

 **WARNING**

Do not use in a place which cannot be ventilated.

[About Other Functions]

- Wind direction adjustment
by rotating the air outlet, you can change the wind direction according to your preferences.



- Automatic dimming function

The Power Button LED will automatically dim after about 5 minutes without pressing the button during operation. If you press the button again, the Power Button LED will return to its original brightness.

- Automatic stop function (When the top cover is removed)

If you remove the top cover during operation, the operation will stop. Re-attach the top cover and press and hold the Power Button (approx. 2 seconds) to start operation^{*3}

※3: Operation starts in mode 1.

5 Maintenance

It depends on the usage environment, but we recommend cleaning once or twice a month.

Before Maintenance

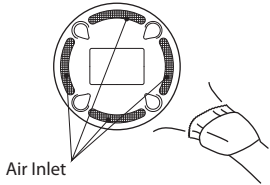
You must ensure that the main unit is switched off before any maintenance is carried out. Unplug the AC adaptor from the power outlet and disconnect the USB cable from the main unit.

[Main Unit]

Remove the dirt and clean with a cloth dampened with water or neutral detergent. Then wipe down gently with a dry cloth. Do not use any cleaner containing benzene, thinner or alcohol.

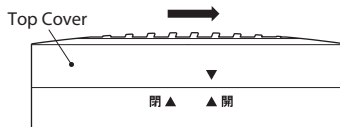
[Air Inlet]

Use a vacuum cleaner, brush, etc. to remove dust from the air inlet on the bottom.

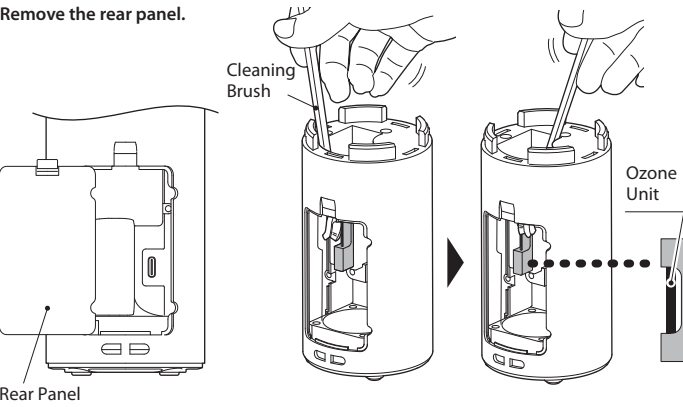


[Ozone Unit]

As shown in the figure, rotate the "▼" mark on the top cover to the "▲開" (open) mark on the main unit and remove the top cover.



Remove the rear panel.



Use a cleaning brush to gently wipe the internal ozone unit from both sides.

Make sure that the dirt is removed after cleaning.

※If the ozone unit is very dirty, please use the cleaning brush with a little water to remove the dirt. After removing the dirt, dry it well.

If the operation becomes unstable due to dirt on the ozone unit, the power button LED turns off and the operation stops.

After cleaning, attach the rear panel and top cover, rotate the "▼" mark on the top cover to the "閉▲"(close) mark on the main unit, and attach it firmly.

Caution

- Be careful not to pinch your hands or fingers when installing the rear panel.
- Please attach the top cover firmly.
If the top cover is loosely attached, the unit will not turn on.
- Be careful not to damage the ozone unit.

6 Troubleshooting (If failure is suspected, check the following)

Phenomenon	Cause	Solution
Do not work (Power Button LED does not light up)	No power	Use the included AC power adaptor Connect the AC adaptor and USB cable correctly and firmly ⇨ Refer to "4How to use"
		Connect the AC adaptor plug firmly
		Connect the AC adaptor to power outlet firmly
	The top cover has come off	Attach the top cover firmly
Does not feel deodorant effect (no ozone smell)	Ozone unit is dirty	Remove dirt refer to the instruction at "5Maintenance"
	The air outlet or air inlet is blocked	Remove the block or object from the air outlet or air inlet
	The air inlet or ozone unit is dirty	Remove dirt refer to the instruction at "5Maintenance"
	There is a strong source of odor	Remove the source of odor (If there is something that always emits a strong odor, you may not feel the deodorant effect)

Phenomenon	Cause	Solution
Foreign object entered the main unit	—	Remove the top cover and remove the foreign object. If you cannot remove the foreign object, contact our "Customer Service Center"

7 Specifications

[Main Unit]

Input Voltage/ Current	: DC5V/1A
Dimensions	: W71mm × D71mm × H140mm
Weight	: Approx. 200g
Operating Temperature	: 0 ～ 40°C (no water-drop condensation)
Power Consumption	: Max. 3W
Ozone Level	: Max. 2mg/h
Ozone Level	: 1 ～ 8 tatami (~1.55 - 12.4m ²)

[AC Adaptor]

Input	: AC100-240V 50/60Hz
Output	: DC5V/1A

[Cable Length]

Cable Length	: 1.8m
--------------	--------

※Effectiveness of Deodorant, Anti-bacterial, Virus Inactivation are described on the following site.

https://www.maxell.jp/consumer/mxap-aer205_01.html

(The effect may vary depends on the usage surrounding and the usage time.)

※Not all kinds of bacteria, viruses and odors are guaranteed to be effective.

※This product is not designed for dust collection.

Antibacterial effect

Part name: Main unit
Antibacterial treatment parts: Appearance (excluding Power Button LED and bottom)
Testing method: ISO 22196 : 2011(E)
Antibacterial method: Antibacterial agent added to resin material
Antibacterial testing institute: CVC Testing Technology Co., Ltd.

■ Disposing

When disposing of this product, follow the instructions (local regulations) of each local government.

Maxell, Ltd.

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

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