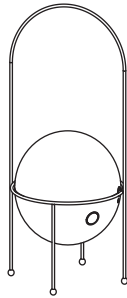


# Ambientec



madco

Design Elisa Ossino

madco / Ciliegia MC1-CL

madco / Cacao MC1-CC

madco / Pesca MC1-PS

madco / Mostarda MC1-MS

madco / Oliva MC1-OL

## Instructions

Thank you for purchasing the Ambientec madco.  
Please read these instructions thoroughly before using the product.

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Ambientec Corporation  
<https://ambientec.co.jp/>

## 1 Safety Precautions


- To use the product correctly and safely, be sure to read the Safety Precautions before use. The Safety Precautions include critical information for safety. Be sure to heed them.
- The following symbols indicate the degree of risk or damage that may result if the information given after each symbol is ignored and the product is used improperly.

 **DANGER** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.









 **CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor/moderate injury or equipment damage.

**If the product is used improperly and any of the following DANGER, WARNING, or CAUTION information is ignored, there is potential for fire, heat generation, damage, or leakage that may cause burns, injury, or loss of sight.**

 Indicates "prohibited" actions that must not be performed.

 Indicates "compulsory" actions that must be performed.


### **DANGER**

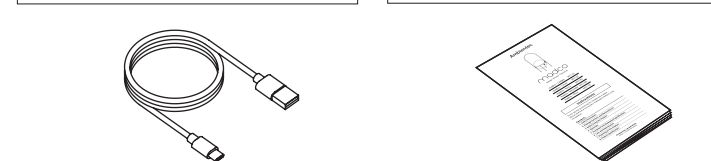
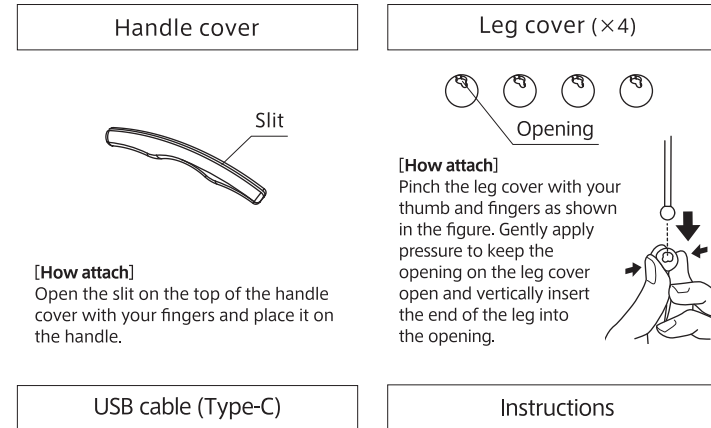
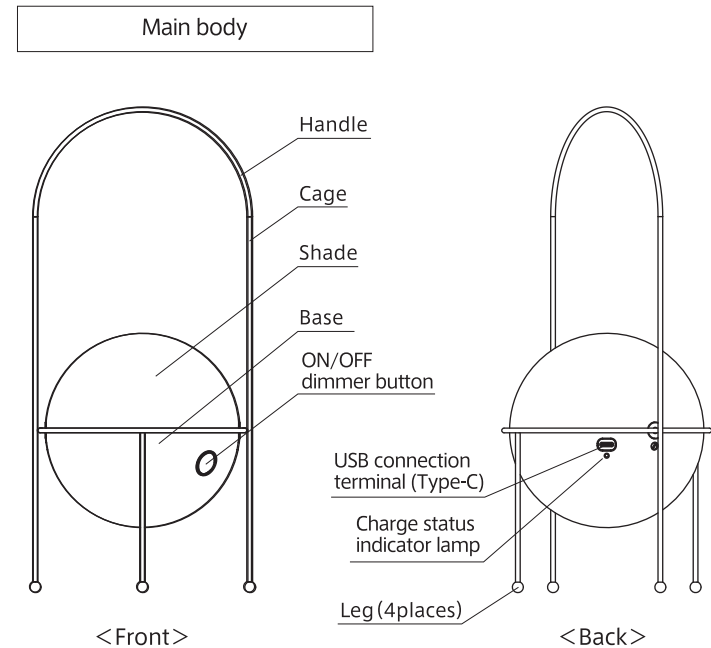
-  Do not put the product in a fire or heat it in an oven.
-  Do not expose the product to high temperatures or leave it in a place where it is subject to direct sunlight.
-  Do not place the product within reach of infants and children.
-  Do not open or modify the product.
-  Do not apply an impact to the product by dropping it, throwing it, etc.
-  Do not charge the product in wet and humid environments such as outdoors or in the bathroom.
-  Do not bring the LED light close to your eyes or look at it when it is lit.
-  Disconnect the product immediately if you notice smoke or smell something burning.

**⚠ WARNING**

- ⊘ Do not place the product in an area exposed to direct sunlight to prevent it from being discolored and deformed.
- ⊘ Do not short-circuit the recharging terminal of the main body or changer stand with a metal pin or other metallic object.
- ⊘ Do not cover the product with cloth, paper, or any other easily flammable material.
- ⊘ Keep water and other liquids away from the AC adapter and charger stand and do not use them while they are wet. Also do not plug or unplug the AC adapter and other connectors with a wet hand.
- ⊘ Do not use the USB cable if it is damaged.
- ⊘ Do not swing or throw the main body.
- ⚠ Always supply power within the rated voltage range (100 to 240 V AC) of the AC adapter.
- ⚠ Inspect the AC adapter, household power outlet, and the recharging terminals periodically to ensure that they are free of accumulated dust.
- ⚠ Insert the plug of the AC adapter into the power outlet all the way.

**⚠ CAUTION**

- ⊘ Do not place the product on an unstable or tilted surface.
- ⊘ Do not leave the product outdoors for a long time to avoid damage from weather and strong sunlight. 
- ⊘ When using the product outdoors, do not expose it to insecticide or other sprays.
- ⚠ When the product is not to be used for a long period, disconnect the AC adapter and USB cable.
- ⚠ Use and store the product under an ambient temperature between 0°C and 40°C.

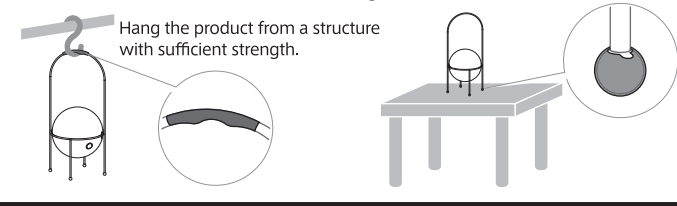
**2 Package Contents and Nomenclature**

\* Thanks to widespread use of computers and mobile phones, most people today already possess a USB-compatible AC adapter. To minimize waste, AC adapter is not provided with this product.

\* When using this product, you need a DC5V/2A (or higher) USB-compatible AC adapter such as Ambientec's optional AC adapter (AMB-AC02).

### 3 Before Using the Product

Be sure to attach the handle cover when hanging this product from a frame or other structure. Also, when placing it on scratch-prone surfaces such as tables, attach the leg covers before use.

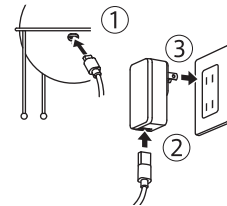


#### [1] How to charge

● Be sure to charge the product before using it for the first time or when it hasn't been used for a long period.

1. Connect the smaller connector (Type-C side) of the USB cable to the USB connection terminal on the charger stand (①).

**Note:** Although a commercially available USB Type-C cable can also be used, it may sometimes not be used depending on its configuration.

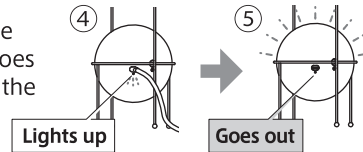


2. Connect the larger connector (USB side) of the USB cable to the AC adapter (②) and plug the AC adapter into the wall outlet (③).

**Note:** Be sure to use the provided AC adapter (AMB-AC02) to charge the product.

3. When charging starts, the charge status indicator lamp glows (④). To turn on and off the light while charging, use the ON/OFF dimmer button. (If the light is on, it goes out as soon as charging starts.)

4. When charging is complete, the charge status indicator lamp goes out. The light will go on when the USB cable is unplugged (⑤).



#### **⚠ DANGER**

- ⊘ Do not charge the product when the USB connecting terminal is wet with water or other liquids.

#### [2] Error warning

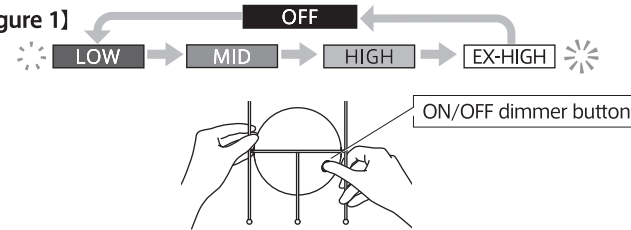
If the product detects heat generation from the battery and control circuit board or an abnormality in the power supply, the protection function may be activated, in which case the charge status indicator lamp starts blinking and charging is not possible. Should this be the case, remove the main body from the charger stand, wait for a while, and then replace the main body on the charger stand to resume charging.

### 4 Operation

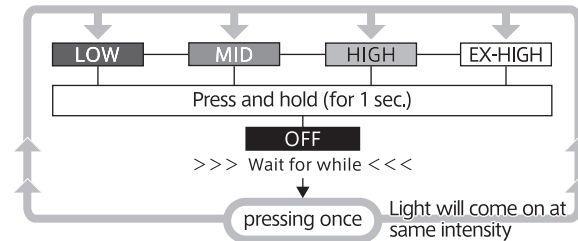
#### [1] Operation using the ON/OFF dimmer button

- Every time the ON/OFF dimmer button on the bottom of the main body is pressed, brightness is adjusted in the order shown in Figure 1.

[Figure 1]



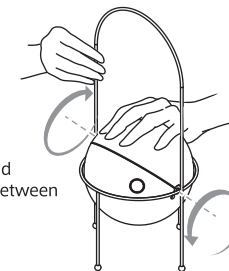
To turn off the light immediately without going through the adjustment sequence, press and hold the ON/OFF dimmer button (for 1 second). When the light is turned off this way, the light will come on at the same intensity the next time you press the ON/OFF dimmer button (Last Mode Memory function).



The Last Mode Memory function enables the stored light intensity to resume even after some time of being switched off. It is a convenient feature that allows you to turn on and off the light without pressing the ON/OFF dimmer button sequentially. **Note:** When the battery level becomes less than 10% while the light is on, the light intensity will automatically switch to LOW mode and only OFF and LOW modes will be available. Recharge the product to resume normal operation.

#### [2] Adjusting the shade

- The shade rotates 360 degrees.

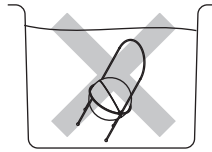


Rotates 360° forward and backward around axis between left and right hinges

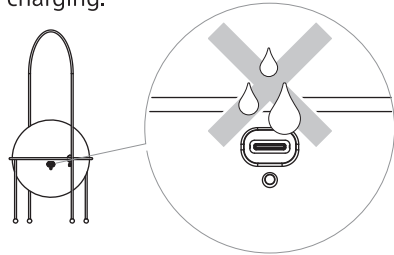
## 5 Dustproof and Waterproof Specifications

- The main body is both dustproof and waterproof (IP66\* equivalent) but should not be used underwater. Do not put it in a bathtub or other water container.

**NOTE:** Indicates protection from dust and high-pressure water jets from any direction.



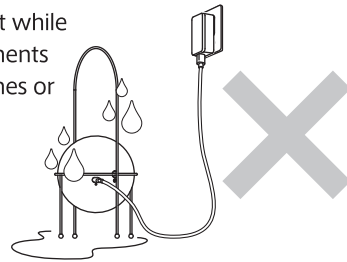
- Although the USB connection terminal is waterproof, charging the product while it is wet may cause corrosion of the connector contacts, causing incapability of charging. If moisture gets in the USB connection terminal, make sure it is completely dried before charging.



### When using the product in a bathroom or similar environment

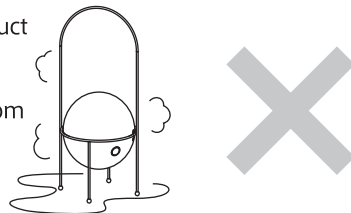
#### ⚠ DANGER

- ⊘ Do not use the product while charging it in environments subject to water splashes or droplets.



#### ⚠ CAUTION

- ⊘ Do not leave the product for a long time in a high-temperature, high-humidity bathroom or sauna.

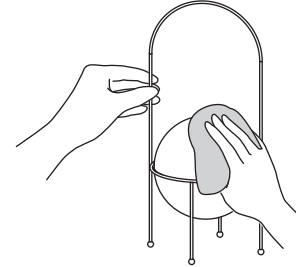


## 6 Care and Maintenance

To keep this product in optimal condition, please follow these maintenance guidelines.

- ⚠ Turn off the power and disconnect the attached cable before cleaning the product.

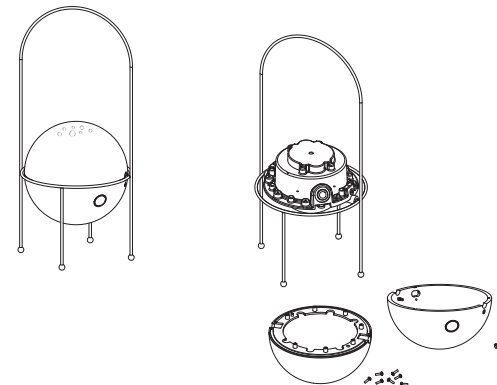
- If the main body is dirty, use a soft, lint-free cloth to gently wipe.



#### ⚠ CAUTION

- ⊘ Do not use a liquid spray cleaner, solvent such as benzine or thinner, or polishing agent to clean the product. Doing so may scratch the surface, cause the surface coating to peel.

- If water droplets remain inside the shade, perform cleaning by following steps ① to ③ in "7. Disposing of This Product". When disassembling the product, be careful not to lose any of the securing screws.



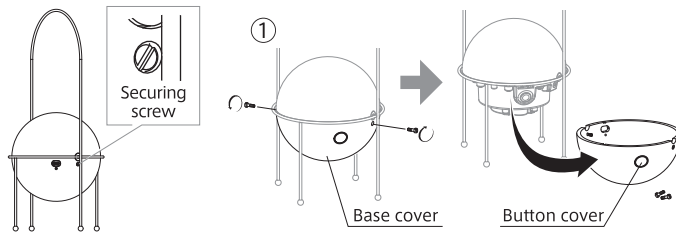
## 7 Disposing of This Product

This product uses a rechargeable lithium-ion battery that contains recyclable rare earth metals. Before disposing of the product, remove the battery and dispose of it according to local regulations.

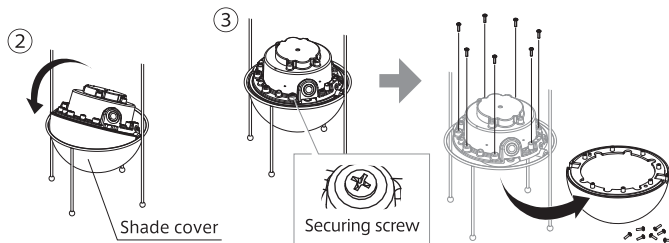
You need the following commercially available tools when disassembling the product.

Precision flat-blade screwdriver: Recommended size – 3.5 to 4.0 mm  
Precision Phillips screwdriver: Recommended size – #0

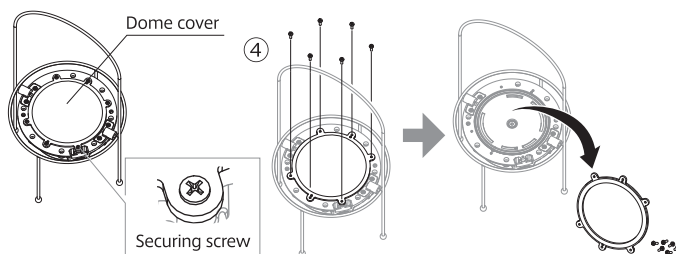
1. Be sure to keep the light on until it goes out. This will allow the battery to discharge completely.
2. Loosen the 2 screws securing the base using a precision flat-blade screwdriver (①). Then remove the base cover; the button cover will also come off.



3. Rotate the shade to so that it is positioned on the bottom side (②). Then loosen the 7 screws securing the shade using a precision Phillips screwdriver and remove the shade cover (③).



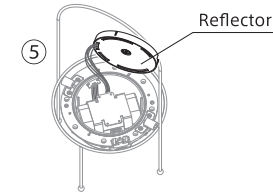
4. Rotate the dome cover so that it faces up again. Loosen the 6 screws securing the dome cover using a precision Phillips screwdriver and remove the dome cover (④).



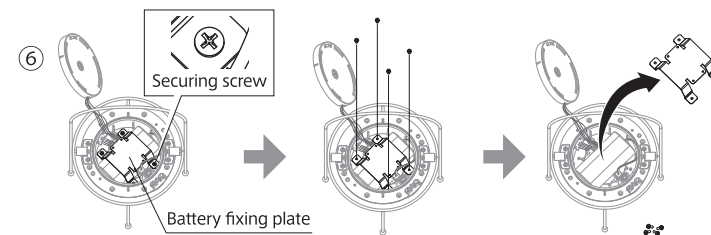
### ⚠ CAUTION

- ⊘ Never open the dome cover except when you are going to dispose of the product.

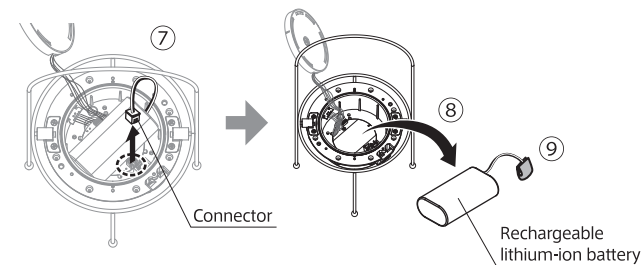
5. Remove the reflector (⑤).



6. Loosen the 4 screws on the battery fixing plate using a precision Phillips screwdriver and remove the battery fixing plate (⑥).



7. Pull out the connector inside the base (⑦) and remove the battery (⑧).

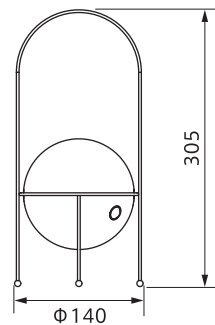


8. Affix the connector with adhesive tape for insulation and dispose of the removed battery in accordance with local regulations.

## 8 Product Specifications

Product name		madco				
		Ciliegia	Cacao	Pesca	Mostarda	Oliva
Product code		MC1-CL	MC1-CC	MC1-PS	MC1-MS	MC1-OL
Main materials	Cage	Stainless steel				
	Shade	Light-diffusing polycarbonate				
	Base	ABS				
Surface treatment	Cage	UV coating				
	Shade	No coating				
	Base	UV coating				
Dimensions (mm)		Outer diameter: $\phi$ 140 Height: 305				
Weight (g)		580				
Light source		Ambientec original LED*1*2 "sunny side up"				
Color rendering index		Ra > 95				
Dimming level		LOW / MID / HIGH / EX-HIGH				
Battery run time (h)		200 / 60 / 20 / 8				
Power consumption (w)		0.05 / 0.25 / 0.75 / 2				
Color temperature (K)		1900 / 2000 / 2200 / 2400				
Recharging time		Approx. 6 hours*3				
Recharging cycle		Approx. 500 times*4				
Power supply		Rechargeable lithium-ion battery, 3.6 V / 5100mAh				
Waterproofing		IP66 equivalent*5				
Operating temperature (°C)		0~40				

Dimensions (mm)



\*1 The brightness of the LED elements decreases by about 70% after about 40,000 hours of use.

\*2 The color and brightness of each individual LED element's light varies even when used in a light source with the same product code.

\*3 Varies depending on operating conditions and environments.

\*4 Applies when the battery performance drops below 50%.

\*5 Indicates protection from dust and high-pressure water jets from any direction."