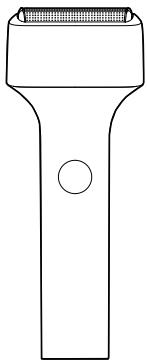


Panasonic

Operating Instructions (Household use) Rechargeable Shaver Model No. ES-TM2A



Thank you for purchasing this Panasonic product.
Before operating this unit, please read these instructions completely and save them for future use.

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The USB power adaptor is sold separately.

Safety precautions

Make sure to follow these instructions.

To prevent accidents, injuries or damage to property, please follow the instructions below.

■ **The following chart indicates the degree of damage caused by improper operation.**

 DANGER	Indicates a potential hazard that will result in serious injury or death.
 WARNING	Indicates a potential hazard that could result in serious injury or death.
 CAUTION	Indicates a potential hazard that could result in minor injury or property damage.

The illustrations in the manual may differ from the actual item.

WARNING

► This product

- **This product has a built-in rechargeable battery. Do not throw into fire, apply heat, or charge, use, leave, or store in a high temperature environment.**
 - Doing so may cause overheating, ignition, or explosion.
- **Do not modify or repair.**
 - Doing so may cause fire, electric shock, or injury.
 - Contact an authorized service center for repair (battery change etc.).
- **Never disassemble except when disposing of the product.**
 - Doing so may cause fire, electric shock, or injury.
- **Unplug the USB cable from the main body when cleaning.**
 - Failure to do so may cause electric shock or injury.

► In case of an abnormality or malfunction

- **Immediately stop using this product and disconnect USB power adaptor if there is an abnormality or malfunction.**
 - Failure to do so may cause fire, electric shock, or injury.
- **<Abnormality or malfunction cases>**
 - **The main body, USB power adaptor or USB cable is deformed or abnormally hot.**
 - **The main body, USB power adaptor or USB cable smells of burning.**
 - **There is abnormal sound during use or charging of the main body.**
- Immediately request inspection or repair at an authorized service center.

► Power supply

- **Do not use this product beyond the rated values of the power supply.**
 - Exceeding the rating by connecting too many plugs to one household outlet may cause fire due to overheating.
- **Fully insert the power plug of the USB power adaptor.**
 - Failure to do so may cause fire or electric shock.

► About the USB power adaptor and USB cable

- **Do not connect or disconnect the USB power adaptor or USB cable to or from the power supply with a wet hand.**
 - Doing so may cause electric shock or injury.
- **Do not charge this product when the USB power adaptor or USB cable is damaged or when the fitting into the household outlet is loose.**
- **Do not immerse the USB power adaptor or USB cable in water or wash it with water.**
- **Do not damage, modify, forcefully bend, pull, twist, or place anything heavy on the USB power adaptor or USB cable.**
 - Doing so may cause electric shock or fire due to a short circuit.
- **Do not charge this product using any USB cable other than the supplied USB cable. Also, do not use any other product with the supplied USB cable.**
 - Doing so may cause fire, electric shock, or injury.
 - The USB cable provides the overheat protection function. If charging is abnormal or the USB plug (Type-C) heats up, disconnect the power supply, check the socket [ⓘ ⓘ], and remove any water or foreign objects from the socket.
- **Always plug the USB cable to a power supply with a rated voltage of 5.0 V and a rated output current of 1.0 A which meets requirements of the Safety Extra Low Voltage (SELV) system.**
 - Failure to do so may cause burn or fire due to a short circuit.
 - It is necessary to separately purchase a power adaptor if required to power this product. The Panasonic power adaptor ES-RU1-02 is recommended.
- **Clean regularly to prevent dust from accumulating.**
 - Failure to do so may cause fire due to insulation failure caused by humidity.
 - Disconnect the USB power adaptor and wipe with a dry cloth.

WARNING

► Preventing accidents

- **This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.**
 - Failure to do so may cause an accident or injury.
- **Persons using an implanted medical electronic device, such as a pacemaker, should not allow this product to be in the vicinity of where the medical electronic device is implanted.**
 - Doing so may cause an accident or illness.
- **Do not place within reach of children or infants. Do not let them use it.**
 - Doing so may cause an accident or injury due to accidental ingestion of the inner blade, cleaning brush, etc.
- **If the oil is consumed accidentally, do not induce vomiting, drink a large amount of water, and consult a physician.**
- **If the oil comes into contact with eyes, immediately wash thoroughly with running water, and consult a physician.**
 - Failure to follow these instructions may result in physical problems.

CAUTION

► To protect the skin

- **Check the system outer foil for any damage or deformation before use.**
 - Failure to do so may cause injury to skin.
- **Do not forcefully press the system outer foil on the skin or lips. When there are small bumps on the face or the skin is injured, avoid direct contact with the system outer foil.**
- **Do not touch the blade section (metallic section) of the inner blade directly with your hands.**
 - Doing so may cause injury to skin or hand.
- **Do not forcefully press the system outer foil. Do not touch the system outer foil with fingers or nails when in use.**
- **Do not use this product for any purpose other than shaving. (For example, hair shaving)**
 - Doing so may cause injury to skin or reduce the life of the system outer foil.
- **When installing the magnetic protective cap, be careful not to pinch your hands.**
 - Failure to do so may cause injury.

► Note the following precautions

- **Do not allow needles or any other foreign objects to adhere to the power plug of the USB power adaptor or the plugs of the USB cable.**
 - Doing so may cause electric shock or fire due to a short circuit.
- **Do not charge when the socket is wet.**
 - Doing so may cause fire or electric shock.
- **Do not share with your family or others.**
 - Doing so may result in infection or inflammation.
- **Disconnect the USB power adaptor from the household outlet when not charging.**
 - Failure to do so may cause electric shock or fire due to electrical leakage resulting from insulation deterioration.

Handling of the removed battery when disposing

DANGER

- **The rechargeable battery is exclusively for use with this product. Do not use the battery with other products.**
- **Do not charge the battery after it has been removed from this product.**
- **Do not throw into fire or apply heat.**
- **Do not hit, disassemble, modify, or puncture with a nail.**
- **Do not let the positive and negative terminals of the battery get in contact with each other through metallic objects.**
- **Do not carry or store the battery together with metallic jewellery such as necklaces and hairpins.**
- **Do not use or leave the battery where it will be exposed to high temperature environments, such as under direct sunlight or near other sources of heat.**
- **Never peel off the tube.**
 - Doing so may cause overheating, ignition, or explosion.

WARNING

- **After removing the rechargeable battery, do not keep it within reach of children and infants.**
 - The battery will harm the body if accidentally swallowed.
 - If this happens, consult a physician immediately.
- **If the battery fluid leaks out and comes in contact with the eyes, do not rub the eyes, and thoroughly rinse with clean water, such as tap water.**
 - Failure to do so may cause eye injury.
 - Consult a physician immediately.

CAUTION

- **If the battery fluid leaks out and comes in contact with the skin or clothes, rinse off with clean water, such as tap water.**
 - Failure to do so may cause inflammation.

Important information

► Notes

- This product is dry/wet dual purpose. The sign on the right indicates that this product can be used in the bath or shower.

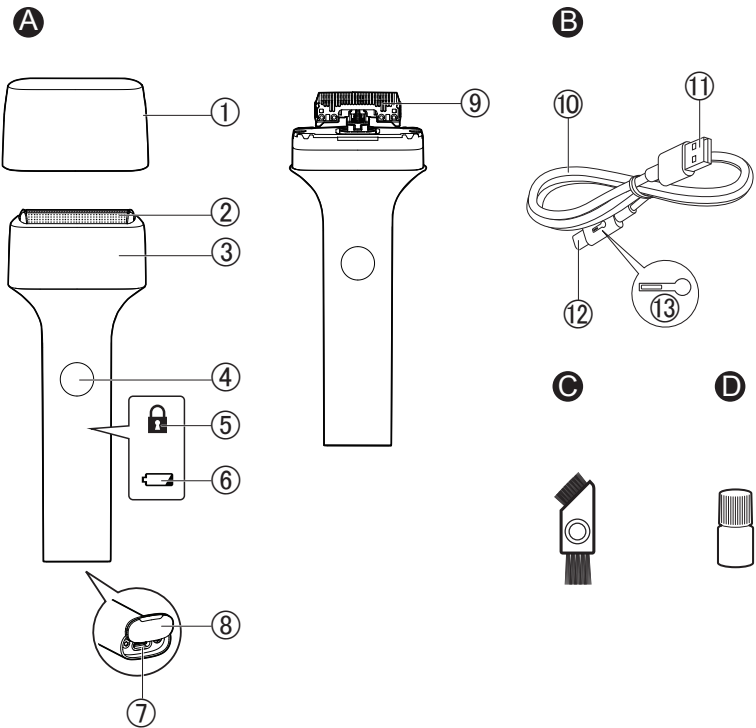


This symbol on the product means that not generated higher voltage than the safety extra low voltage (SELV).
In which protection against electric shock relies on power supply.



- **To avoid product malfunction, deformation and aging, observe the following precautions:**
 - Do not drop this product or subject it to shock.
 - Do not hit the system outer foil on any hard objects.
 - After use, store this product in a dry place.
 - Do not store this product in a place with direct sunlight inside the carriage.
 - Do not heat or dry this product with a hair dryer.
 - When carrying or storing this product, always attach the magnetic protective cap.
- **Notes**
 - Charge this product correctly according to these Operating Instructions. (See "Charging".)
 - This product contains a battery that is only replaceable by skilled persons. Please contact an authorized service center for the details of repair.

Parts identification



A Main body

- ① Magnetic protective cap
- ② System outer foil
- ③ Outer foil section
- ④ Power Switch (Sensor-sensitive switch)
- ⑤ Switch lock lamp (ⓘ ⓘ)
- ⑥ Charge status lamp (ⓘ ⓘ)
- ⑦ Socket (Type-C)
- ⑧ Socket cover
- ⑨ Inner blades

B USB cable

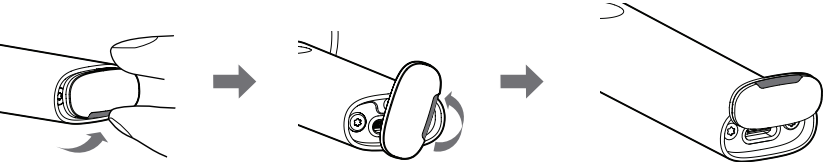
- For charge only
- ⑩ Cord
- ⑪ USB plug (Type-A)
- ⑫ USB plug (Type-C)
- With overheat protection function
- ⑬ Overheat protection function mark

Accessories

- Cleaning brush
- Oil

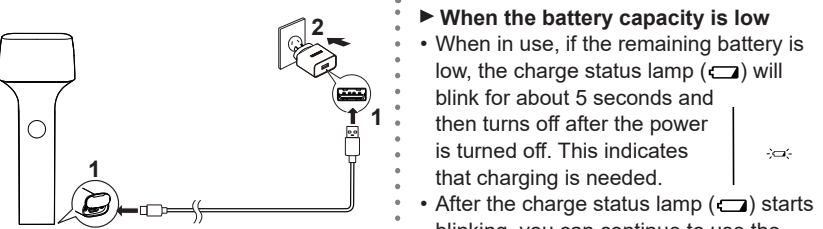
How to open the socket cover

Lift the socket cover with your fingernail, and rotate it until it no longer obstructs the socket (Type-C).



Charging

- Before charging, make sure that this product is powered off.
- Do not charge when the socket is wet. Wipe the socket when it is wet before charging.
- Attach the magnetic protective cap to avoid damaging the system outer foil.



1. Insert the USB cable into the main body and the USB power adaptor.
2. Connect the USB power adaptor to a household outlet.
3. After charging, remove the USB cable and attach the socket cover.

- Be sure to close the socket cover when using or washing.

► Display of the charge status lamp during charging

Charging in progress	Lights on
Charging complete	Lights off
Charging abnormal	Blink twice every second

► How to confirm that charging is completed

- If the USB plug (Type-C) is removed and inserted back to charge this product again right after charging is completed, the charge status lamp turns on and then off in about 5 seconds.
- **Notes**
 - You cannot operate this product while charging.
 - This product may be charged with adaptors other than the specified one, but Panasonic's specified adaptor with splash-resistant design should be used to ensure safety. The Panasonic's specified adaptor is not completely waterproof, so do not immerse the adaptor in water.
 - This product uses a Li-ion battery. Therefore, the service life of the battery will not be affected even if it is charged after each use.
 - Charging is completed after approximately 1 hour. The charging time may be shortened, depending on the remaining battery level.
 - When this product is used for the first time or when it has not been used for more than 6 months, the charging time may differ and the charge status lamp may not light on immediately. However, it will light on as the charging proceeds.

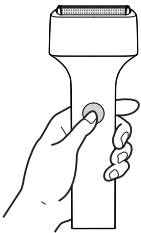
- If this product has not been used for a long time, the battery performance may be degraded. Therefore, if this product has not been used for more than half a year, please fully charge the battery once every half a year.
- If an ineligible power supply is used for charging or such problems as poor contact of the USB cable occur, the charging time may become longer and this product may even be damaged.
- This product can be used for approximately 60 minutes after it is fully charged. (Based on dry shaving for 3 minutes a day at an ambient temperature of 20 °C – 30 °C)
- The available days depend on the usage conditions: beard thickness, pressure applied to the skin, and use of wet shaving.
- If there is noise from the radio or other sources while this product is used or charged, move this product to a different location or charge it with another household outlet.

How to use

Shaving

1 Press the power switch to start the shaver, and start shaving.

- Press down the power switch.
A light touch will not trigger the power switch.
- If the switch lock lamp (🔒) blinks, the shaver cannot be started because the power switch is locked. Please press and hold the power switch for more than 2 seconds to unlock it. (See “Operation and display of the switch lock”.)
- While using the shaver, grip the shaver with your fingers placed on the finger grip position.

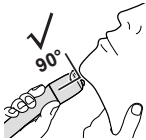


2 Turn off the shaver when you have finished shaving.

This product comes with a “shaving sensor”, which automatically adjusts the shaving force depending on the beard thickness. This product increases the shaving force in areas with dense beard and reduces the force in areas with sparse beard to reduce the burden on the skin.

■ How to improve the shaving effect

- Apply the whole system outer foil perpendicularly against the skin and shave by slowly sliding this product over the face against the grain of the beard.



- To prevent damaging the system outer foil, do not shave with only a part of the system outer foil.



- The beard under the chin and around the throat can be shaved better by stretching the skin so the beard will stand.



► Notes

- It is recommended to clean this product after each use.
- After wet shaving, clean the main body with water and then apply oil on the system outer foil.

Operation and display of the switch lock

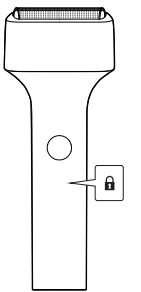
► Locking the power switch

Press and hold the power switch for longer than 2 seconds.

- The lock mode can only be activated when the power is off.
- Release the power switch once the switch lock lamp (🔒) turns on.



The power switch is locked
(The switch lock lamp (🔒) will turn off after 5 seconds.)



► Check if the power switch is locked

Press and then release the power switch in the locked state, the switch lock lamp (🔒) will blink and then turn off after 5 seconds.



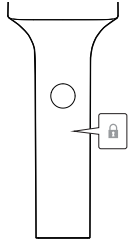
► Unlocking the power switch

Press and hold the power switch for longer than 2 seconds in the locked state.

- Release the power switch once the switch lock lamp (🔒) turns off.



- The power switch is unlocked

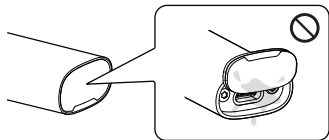


► Notes

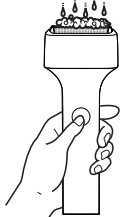
- The power switch cannot be unlocked while the shaver is being charged.

Cleaning

- It is recommended to clean the shaver after each use.
- Check that the socket cover is closed.



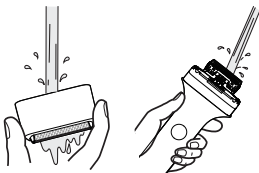
1 Apply a small amount of hand soap and water on the system outer foil. Power on this product, leave it run for 10 to 20 seconds, and then power it off.



2 Press the foil frame release buttons to remove the outer foil section. (See “Replacing the system outer foil and the inner blades”.)

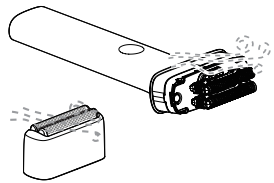
Clean this product with running water.

- After rinsing with water, wipe off any excess water with a dry cloth.



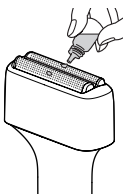
3 Store this product after drying it.

- 1 Remove the outer foil section, thoroughly dry the outer foil section, main body and the socket.
- 2 Leave them to dry in a shaded area, out of direct sunlight.
- 3 After the shaver has dried completely, install the outer foil section onto the main body.



4 Lubricate this product.

- To maintain comfortable shaving on a long-term basis, it is recommended to use the included oil.
- 1 Apply a drop of oil onto the system outer foil.
- 2 Power on this product and leave it run for approximately 5 seconds.
- 3 Power off this product and wipe off any excess oil from the system outer foil with a soft cloth.

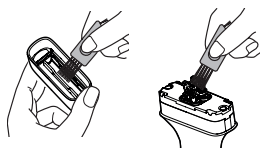


► Notes

- Be careful not to hit this product on the sink or any other objects while draining the water. Failure to do so may cause malfunction.
- Do not use any other cleaning agents than hand soap. Doing so may cause malfunction.
- Do not clean this product with thinner, gasoline, alcohol, or other chemicals. Doing so may cause cracking or discoloration of this product. The enclosure can be cleaned with a soft cloth moistened with tap water or soap solution.
- Do not use salt solution or hot water to wash the shaver.
- Do not soak the shaver in water for a long time.

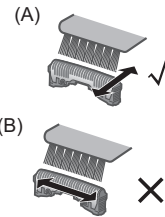
Cleaning with the brush

► Clean the system outer foil and the main body using the long brush.



► Clean the inner blades using the short brush by moving it in the direction shown in the right figure (A).

- Do not move the short brush in the (B) direction. Doing so may damage the inner blades and thus affect their sharpness.
- Do not use the short brush to clean the system outer foil.



Replacing the system outer foil and the inner blades

- It is recommended to replace the system outer foil once a year and the inner blades once every two years.

► Replacement parts

Replacement parts are available at your dealer or Service Center.

Replacement parts	System outer foil	Inner blades
ES-TM2A-A	WES9865A	WES9064
ES-TM2A-H	WES9865H	

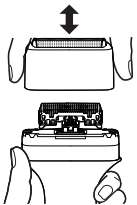
► Outer foil section

How to remove

Hold on both sides of the outer foil section and lift it upward to remove it.

How to install

Securely placed the outer foil section into the main body until hear a “clicks” sound.



► Inner blades

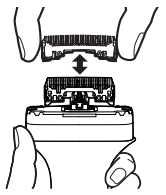
How to remove

Remove one inner blade at a time.

- Do not touch the edges (metallic section) of the inner blades in case your hands are injured.

How to install

Insert one inner blade at a time until they are fixed in position.



► Note

Do not throw away the foil frame.

Troubleshooting

Problem	Action
Unable to press the power switch / No response when the power switch is pressed.	► The power switch is sensor-sensitive, capable of detecting small deformations in the main body and activating it. If you touch it lightly, it won't trigger the power switch. Please press down the power switch all the way in.
The shaving sensor does not respond. (The driving sound does not change.)	► Depending on the beard thickness or the amount of beard trimmings in the outer foil section, the shaving sensor may not react. This is not a sign of malfunction. ► Depending on the amount of foam or the type of shaving agent, the shaving sensor may not react. This is not a sign of malfunction. ► When the remaining battery level is too low, charge this product. ► Apply oil. (See “Cleaning”)
The shaving sensor responds even though this product is not in contact with the skin.	► Clean the beard trimmings from the system outer foil and inner blades. (See “Cleaning”) ► Replace the system outer foil or inner blades once they reach their service life.
This product cannot be charged.	► The recommended ambient temperature for charging is 10 °C to 35 °C. ► Check whether the USB cable is securely connected to the power supply. If the above measures are inapplicable, remove the USB cable and insert it again. ► If the USB plug (Type-C) heats up, disconnect the power supply, check the socket (⚠), and remove any water or foreign objects from the socket.
Operating time is short after charging.	► The battery has reached the end of its life. (approx. 3 years) ► This can be improved by cleaning this product after each shaving.
This product does not operate even after charging.	► The recommended ambient temperature for using the product is not lower than 5 °C. ► The battery has reached the end of its life. (approx. 3 years) ► When the power supply is connected, this product does not operate.
The driving sound changes while shaving.	► The shaving sensor is operating. The driving sound changes depending on the beard thickness.
A loud sound is heard.	► Apply oil. ► When there is no oil on the blades, the blades will not move smoothly and require more power. ► When the magnetic levitation motor is driven, a high-pitched running sound is heard. This is not a sign of malfunction. ► Check that the blades are properly attached. ► Clean the system outer foil with the cleaning brush.
An odor is smelt from the blades.	► This can be improved by cleaning the product after each shaving.
Shavings fly around.	► This can be improved by cleaning this product after each shaving. ► Clean the inner blades with the cleaning brush when shavings are adhering to the inner blades.
The system outer foil is overheated.	► Apply oil. ► Replace the system outer foil if it is damaged or deformed. (See “Replacing the system outer foil and the inner blades”)
The shaving performance deteriorates.	► This can be improved by cleaning this product after each shaving. ► Replace the system outer foil or inner blades once they reach their service life. ► Apply oil.

If the problems still cannot be solved, contact the store where you purchased this product or a service center authorized by Panasonic for repair.

Removing and disposing of the built-in rechargeable battery

This product has a built-in rechargeable battery. Be sure to remove the battery before disposing of this product.

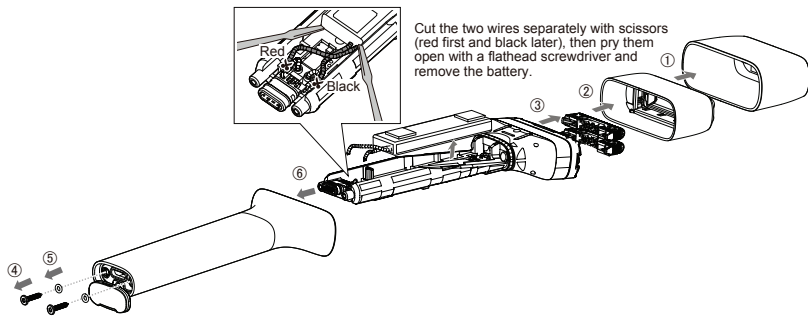
- The battery is to be disposed safely.
- This figure must only be used when disposing of this product and must not be used to repair it.
- We recommend seeking the advice of a dealer or Panasonic's authorized service center before deciding to dispose of this product, so as to extend the service life of this product as much as possible.

► How to remove the built-in rechargeable battery

- Power off this product before removing the battery. Turn on the power and keep the power on until the battery is completely discharged.
- Follow the procedure below to remove the battery.
Remove the outer foil section and bottom cover screws (Steps ①–⑤). Take out the battery base, use scissors to cut the wires in order, should be carried out in the order of red first and black later. Insert a flathead screwdriver into the bottom and lift up to remove the battery (Step ⑥).
- Do not use sharp tools when removing the battery.
- During disassembly, take care not to short circuit the positive and negative terminals of the removed battery and insulate the terminals by applying tape to them.
- During the disassembly process, do not puncture or damage the battery, otherwise it may cause the battery to produce smoke, pungent odor, and in severe cases, it may burn.
- If you cannot remove the battery, please contact an authorized service center.

For environmental protection and recycling of materials

This product contains a Li-ion battery.
Please make sure that the battery is disposed of at an officially assigned location, if there is one in your country.



Battery life

Approximately 3 years. If the operating time is significantly shorter even after a full charge, the battery has reached the end of its life.
(The battery life may change due to usage and storage conditions.)

Specifications

Output rating of applicable adaptor (sold separately)	5.0 V ≒ 1.0 A In compliance with the Safety Extra Low Voltage (SELV) system
Charging time	Approx. 1 hour

This product is intended for household use only.