

Panasonic®

Operating Instructions 使用說明書

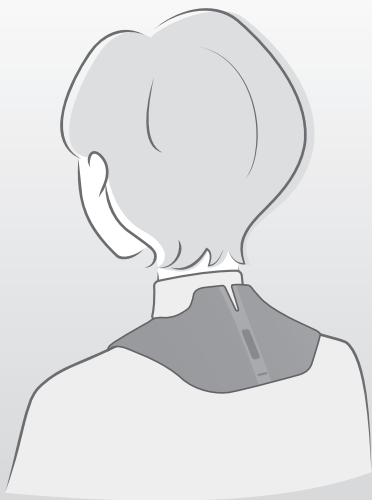
(Household) High-Frequency Conductive Belt
(家用) 高周波傳導帶

Model No.
型號

EW-RAE50

English EN2

繁體中文 TC2



Thank you for purchasing this Panasonic product.

Before operating this unit, please read these instructions completely and save them for future use.

感謝您購買本 Panasonic 產品。

- 使用本產品之前，請仔細閱讀本說明書，並妥善保存以供未來使用。



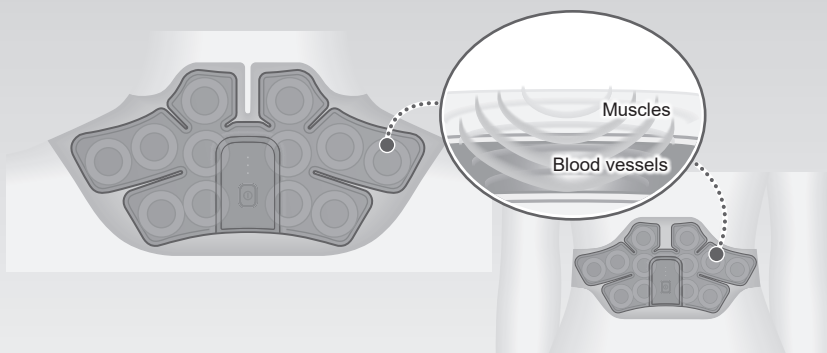
Household High-Frequency Conductive Belt

High-frequency pulses penetrate deep into body tissues, promoting comfortable shoulder relaxation and alleviating fatigue.

Purpose or Effect of Use

Used to relieve shoulder fatigue. For general home use.

Generates high-frequency pulses from 12 antenna points



Can be worn for extended periods

- Because it uses non-stimulating high-frequency pulses, long-term use is possible.
- Lightweight design; operates continuously for approximately 12 hours.

Difference from Low-Frequency Products

(Comparison with our company's products)

	High Frequency	Low Frequency
Structure	Frequency above 5 MHz Delivers high-frequency electromagnetic energy onto uncomfortable shoulder areas to relieve fatigue	Frequency around 3-1200 Hz Allows the target area to relax via gentle low-frequency currents on the skin surface
Stimulation to the body	No sensation of stimulation	Sensation of stimulation
Features	Non-irritating and suitable for extended use. Continuously relieves fatigue while worn	Short duration (approx. 15 minutes), stimulation is physically felt

Use while working



Use while Doing Housework



The main unit can be placed inside a belt (sold separately) for use on the lower back.

Belt (Model: **EW-9RE5W**)

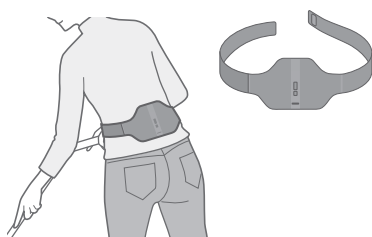


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Important Safety Instructions

Always follow these instructions

This section contains instructions that you must follow to prevent personal injury or damage to property.

- The instructions are classified according to the level of injury or damage that may occur due to the mistaken use of this unit.

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

- Instructions that you must follow are indicated using the following symbols.

	Denotes a specific operating procedure that must not be performed.
	Denotes a specific operating procedure that must be performed.

DANGER

Symptoms

-  ● Do not use simultaneously with the following medical electrical equipment.
 - (1) Persons wearing implantable medical electronic devices such as pacemakers that are susceptible to electromagnetic interference.
 - (2) Wearable medical electrical equipment such as electrocardiographs.
 - This appliance shall not be used by, or on, persons wearing implants not compatible with its use.
- (Failure to do so may lead to accidents or significant physical injury.)

WARNING

Symptoms

-  ● Do not wrap around areas other than the shoulders
 - This appliance is not suitable to treat certain parts of the human body.
 - Persons (including children) with physical, sensory or mental disabilities, or lacking operational experience or knowledge, shall not use this unit without supervision and guidance regarding the use of this unit from a guardian. Prevent children from treating this product as a toy, as this may lead to danger.
- (Failure to do so may lead to accidents, injuries, or deterioration of health.)



WARNING

Symptoms



- This appliance shall not be used by or on persons up to and including 14 years of age.
Additionally, do not allow children to play on or sit on the unit.
(Failure to do so may lead to accidents or injuries.)
- Use of this appliance may cause discomfort or adverse effect to, persons suffering from skin disease or inflammation of the skin, persons with sensitive skin and persons having an allergic constitution.
- This appliance is not to be used on the parts where the integrity of the skin is damaged.



- Persons with any of the conditions listed below or who are undergoing medical treatment should consult with their physicians before using this unit.
 - (1) Persons who have an acute disease
 - (2) Persons who have a malignant tumor
 - (3) Persons suffering from heart disease
 - (4) Persons who are during menstruation, pregnancy, or shortly after delivery
 - (5) Persons who have sensory abnormalities due to a severe peripheral circulatory disturbance such as diabetes mellitus
 - (6) Persons who have an infectious disease
 - (7) Persons suffering from anemia
 - (8) Persons suffering from skin sensory impairment or skin abnormalities
 - (9) Persons who have an abnormal blood pressure (≥ 180 mmHg)
 - (10) Persons who have acute conditions such as spinal fractures, sprains, or muscle strains
 - (11) Persons whose body temperature is over 38 °C (who have a fever) (E.g.: When a person has severe acute inflammation symptoms [fatigued, chills, blood pressure fluctuations, etc.] or when debilitated)
 - (12) Persons who require bed rest or who are in poor physical shape
 - (13) Persons other than those listed above who feel unwell
- Discontinue use immediately and consult a physician if you experience physical discomfort or fail to perceive the intended therapeutic effects.
(Failure to do so may lead to accidents or injuries.)
- Children must be strictly supervised to prevent them from playing with this unit.
(Failure to do so may lead to accidents or injuries.)

Important Safety Instructions (Continued)



WARNING

Before and during use



- Do not use simultaneously with other therapeutic devices.
Also, do not use with topical medications (including sprays, etc.)
(Failure to do so may lead to accidents, injuries, or deterioration of health.)
- Do not use in high-humidity areas such as bathrooms.
(Failure to do so may lead to electric shock accidents or fire caused by short circuits.)
- Do not use while sleeping.
(Failure to do so may lead to accidents or deterioration of health.)
- Do not bypass or remove the inherent safety device of the appliance.



- Before use, be sure to check the unit for damage.
If damaged or not working properly, stop using immediately and send the unit for repair.
(Failure to do so may lead to accidents or deterioration of health.)

If a malfunction or breakdown occurs



- Stop using immediately and unplug the power plug if an abnormality or malfunction occurs.
(Failure to do so may lead to smoke, overheating, fire, or electric shock.)

<Examples of malfunctions/breakdowns>

Main unit, USB power adapter, dedicated USB cable

- Unit is damaged, deformed, or abnormally hot.
- Emits a burning smell.
- Power plug is not fully inserted.
- USB cable is not fully inserted.

→ Do not attempt to repair it yourself; immediately contact an authorized service center for inspection and repair.



WARNING

Please observe the following points



- Do not wash with water or drip water onto the main unit (except for the strap).
(Failure to do so may lead to overheating, rupture, or fire caused by short circuits.)



- Do not modify or disassemble the unit without authorization.
(Failure to do so may lead to accidents, injuries, or health deterioration caused by overheating, rupture, fire, electric shock, leakage, or abnormal operation.)
- Do not charge, use, leave, or store in high-temperature environments (near fire, under strong sunlight, inside a car, etc.).
- Do not place the main unit in fire or heat it.
- Do not pierce the main unit with a nail or subject it to impact.
(Failure to do so may lead to injury or environmental contamination due to overheating, rupture, fire, or leakage of the built-in battery.)
- Do not store within reach of infants or young children.
(Failure to do so may lead to accidents or injuries.)



- This appliance contains batteries that are only replaceable by skilled persons.
- Only use consumable materials recommended by the manufacturer.
- This appliance is only to be used with the unit provided, the USB Power Adapter Model No. **SW-050100B**
(Failure to do so may lead to accidents or injuries.)

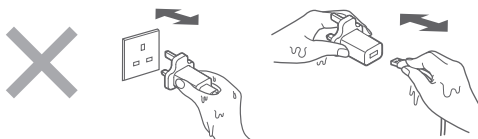
Important Safety Instructions (Continued)

WARNING

Regarding USB Power Adapter and Dedicated USB Cable



- Do not use USB power adapters or dedicated USB cables other than those specified, and do not use them for other products.
(Failure to do so may lead to accidents, injuries, overheating, rupture, electric shock, or fire caused by short circuits.)
- Do not plug or unplug the power plug or USB plug with wet hands.
(Failure to do so may lead to electric shock.)



- Do not allow pins, debris, water, etc., to enter the gaps of the main unit, signal device, USB power adapter, or USB cable.
(Failure to do so may lead to electric shock or fire caused by short circuits.)
- Do not perform any action that may damage the USB power adapter or dedicated USB cable.
Do not scratch, modify, place near heaters, excessively bend, twist, pull, pinch, place heavy objects on, or bundle them.
(Failure to do so may lead to electric shock or fire caused by short circuits.)
- Consult the store where you purchased the unit or an authorized service center regarding how to repair the power adapter.
- Do not pull on the cord when unplugging the dedicated USB cable.
(Failure to do so may lead to electric shock or fire caused by short circuits.)



- Be sure to insert the power plug and USB plug all the way in to ensure they are securely seated.
(Failure to do so may lead to electric shock or fire caused by overheating.)

Power Supply



- Use sockets and wiring devices with correct rated values.
- Use 220 V AC. (Do not use this product abroad, and transformer usage is prohibited.)
(Failure to do so may lead to electric shock or fire due to overheating.)

CAUTION

Before and during use

-  ● Do not use tape to stick the main unit directly onto the skin.
(Failure to do so may lead to skin inflammation.)
- Do not press firmly against the body or use while rubbing against something.
(Failure to do so may lead to internal bleeding, abrasions, etc.)
-  ● If rash, redness or itching occurs during use of this unit, discontinue use of this unit and consult a physician.
(Failure to do so may lead to accidents or physical discomfort.)
- Limit continuous use to a maximum of 12 hours.
(Failure to do so may lead to skin inflammation or physical discomfort.)

Important Safety Instructions

USB Power Adapter, Dedicated USB Cable, etc.

-  ● Do not wrap the cable around the main unit, signal device, or USB power adapter, or twist it.
(Failure to do so may strain the cable, leading to wire breakage, resulting in electric shock or short circuit.)

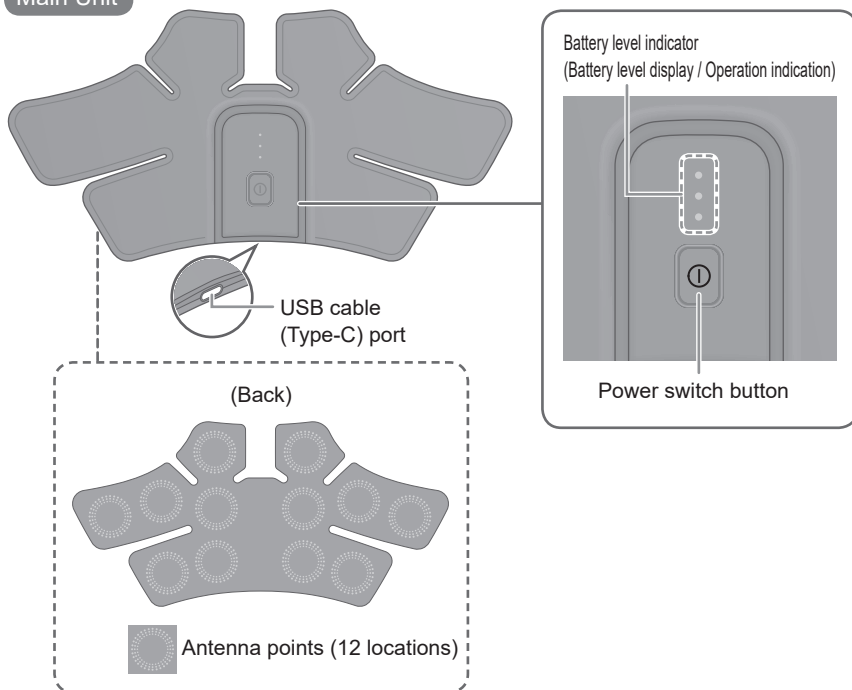


-  ● When cleaning and maintaining, be sure to unplug the USB plug and the power plug.
(Failure to do so may lead to electric shock, injury, or overheating, rupture, fire, leakage of the built-in battery causing injury or environmental contamination.)
- When not in use, be sure to unplug the power plug from the outlet.
(Failure to do so may lead to insulation deterioration due to dust or moisture, leading to electrical leakage or fire.)
- In the event of a power outage, unplug the power plug immediately.
(Failure to do so may lead to accidents or injuries when power is restored.)

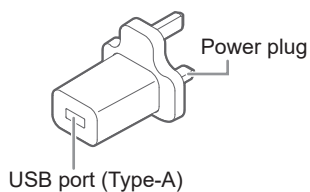
Part Names and Accessories

When taking the unit out of the color box, the main unit is already placed inside the shoulder strap.

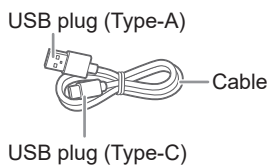
Main Unit



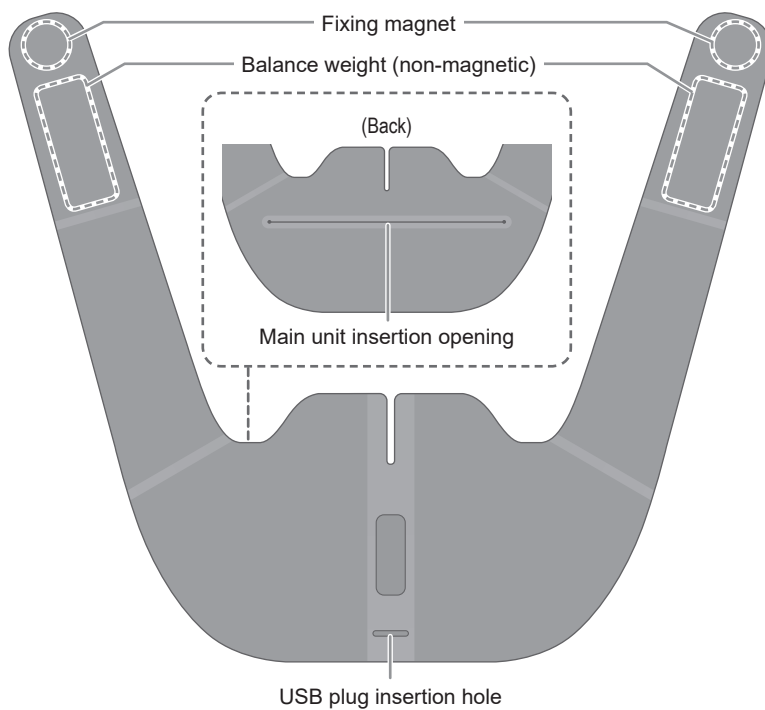
USB Power Adapter (Accessory) (Model: SW-050100B)



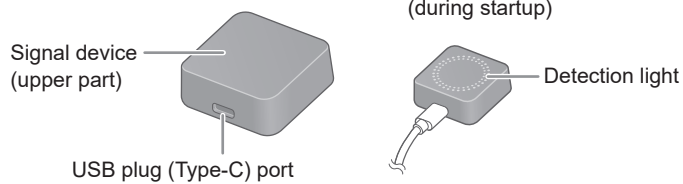
Dedicated USB Cable (Accessory) (Model: EWRA550W7697)



Shoulder Strap (Accessory)



Signal Device (Accessory)

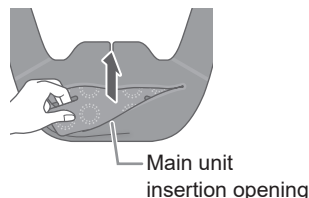


Charging

The battery is not fully charged at the time of purchase. Take out the main unit from the shoulder strap and be sure to charge it before use.

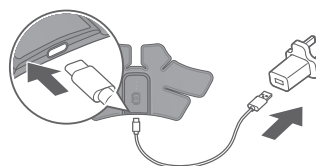
1 Removing the Main Unit from the Shoulder Strap

- ① Remove the main unit from the insertion opening on the back of the shoulder strap.



2 Charging

- ① Insert the dedicated USB cable into the main unit.
- ② Insert the power plug into the outlet



Indicator Display During Charging (On Flashing Off)

Charging (Battery level below 25%)	Charging	Charging	Charging Complete (After 3 seconds)

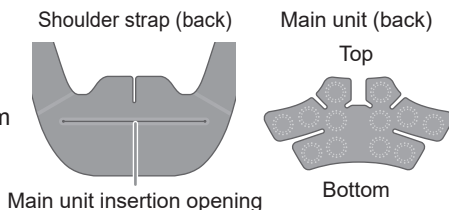
- Charging completes in approx. 2 hours (charging time depends on remaining battery level).
- Continuous usage time when fully charged: Approx. 12 hours
- Charging time varies depending on remaining battery level. Charging for more than 2 hours does not affect the main unit.

3 After the battery level indicator turns off, unplug the power plug.

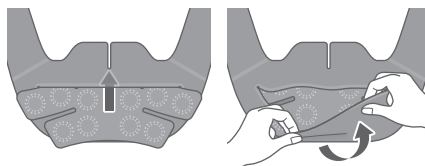
- Unplug in the order of ② then ① as shown in Step 2.

4 Inserting the Main Unit into the Shoulder Strap

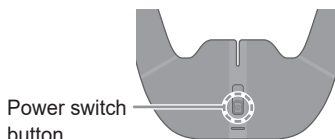
- ① Align the back of the shoulder strap with the back of the main unit, matching top and bottom



- ② Open the main unit insertion opening and insert the main unit.



- ③ Ensure the front side is facing up and the power switch button on the main unit is visible



Charging

- Maximum output power of the product: 29.52 mW
- Maximum output energy of the product: 106.272 J
- If the usage time is very short even after charging correctly, the built-in battery may have reached the end of its life. Contact an authorized service center for inspection and repair. (The battery life is approximately 3 years, though it may vary depending on actual usage and storage conditions.)
- Recommended charging temperature is 5 °C to 35 °C. Charging outside the recommended temperature range may cause deterioration of the built-in battery or inability to charge.
- If the battery level indicator flashes rapidly (approx. twice per second), it may indicate a malfunction due to charging outside the recommended temperature range. Charge within the recommended charging temperature range.
- Charging time may vary when using for the first time or after not using for more than six months. The indicator may not light up or flash for a few minutes after charging starts, but it will eventually light up or flash if charging continues.

EN13

Confirming High-Frequency Pulse Activation

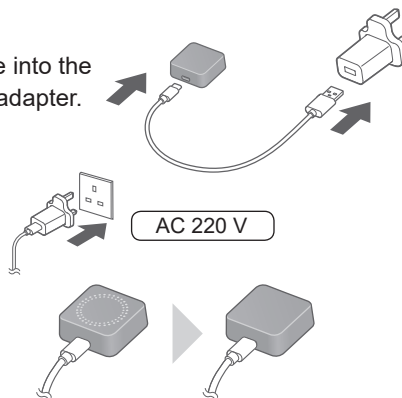
You can confirm using the signal device. (Via buzzer sound and signal device detection light display)

1 Starting the signal device

- ① Insert the dedicated USB cable into the signal device and USB power adapter.

- ② Insert the power plug into the outlet.

- The signal device detection light turns on for 1 second, then turns off, indicating the signal device has started.

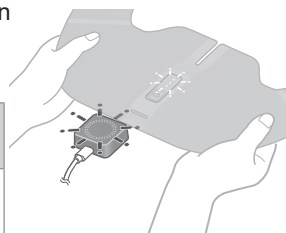


2 With the main unit power turned on Bring the antenna part close to the signal device

- When high-frequency pulses are detected, the signal device emits a buzzer sound. (Buzzer sound and signal device detection light flashing)

<Regarding Reaction>

Distance to Main Unit	Buzzer Sound	Signal Device Detection Light
Far	Beep, beep, beep...	Flashing slowly
Near	Beep beep beep beep...	Rapid Flashing



- Depending on the positional relationship between the main unit and the signal device, It is easier to trigger a response if the signal detector detects high-frequency pulses from multiple antennas.
- It may be difficult to get a response on a metal table.

3 Unplugging the Power Plug

- Unplug in the order of ② then ① as described in Step 1.

Usage after Wearing

Wear over thin clothing when using.

Please confirm

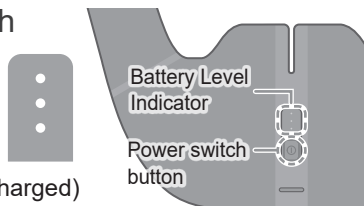
Does the battery level indicator light up or flash normally after turning on the power?
(Confirm even when not using temporarily.)

→ Please check EN22-EN23 if any abnormality occurs.

1 Short Press the Power Switch Button

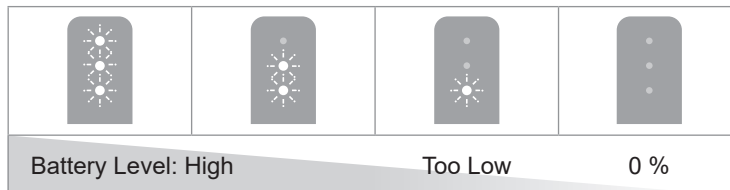
- The battery level indicator lights up for 3 seconds, the indicator flashes.

(Display example: When fully charged)



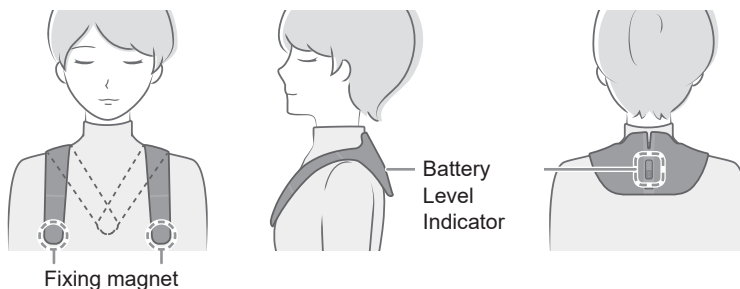
Indicator Display During Use

(Flashing  Off )



- All indicators turn off when the battery has no remaining charge.
(Power off)

2 Position the battery level indicator on the outside of the product, Wear along the neck and shoulders (main unit in the middle of the back)

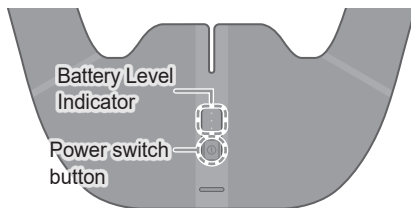


- Use the magnet for fixation if you wish to secure the unit's position or are worried about it falling off while going out.

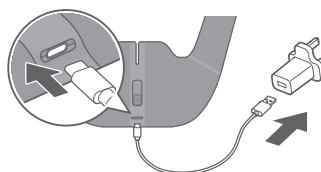
After Use

- 1 Remove the shoulder strap from the shoulder,
Short press the power switch button to turn off the power

- The battery level indicator turns off.



- Charging can also be performed while the main unit is inside the shoulder strap.



Maintenance

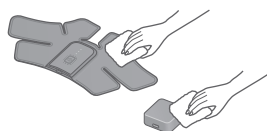
Be sure to unplug the USB plug and remove the main unit from the shoulder strap before performing the following operations.

Do not use chemicals such as thinner, benzene, or alcohol
(as this may cause component malfunction, cracking, discoloration, etc.)



1 Wipe with a dry cloth

- Do not wash with water. (Except for the shoulder strap)
- Do not subject the main unit or signal device to excessive force or drop them.
(Failure to do so may lead to malfunction.)



After Use

The shoulder strap is fully washable.



Washing Method

- ① Put into a laundry net.
- ② Soak in water below 30°C and wash by gently pressing.
 - Do not use detergents containing bleach.
(Failure to do so may lead to discoloration.)
 - Do not rub or scrub. (Failure to do so may lead to fabric damage.)
 - Wash separately from other items. (In order to prevent color transfer.)
- ③ Rinse thoroughly.
- ④ Gently press to drain water.
 - Do not wring or twist to dehydrate.
(Failure to do so may lead to fabric damage or deformation.)
- ⑤ Gently smooth out wrinkles and dry in the shade.
 - Do not expose to direct sunlight or use a tumble dryer.
(Failure to do so may lead to fabric shrinkage or discoloration.)
 - Dry immediately after washing. (To prevent color transfer.)
 - Do not iron. (Failure to do so may lead to fabric damage or deformation.)

Composition and Washing Instructions

Nylon	80 %
Spandex	20 %



Maintenance

Storage

Long-term storage may cause deterioration of the built-in battery.
Be sure to fully charge before storage.

- Do not place in the following locations:
 - Locations with high temperature or humidity
(Failure to do so may lead to malfunction or fabric discoloration.)
 - Locations exposed to direct sunlight
(Failure to do so may lead to fabric discoloration.)
 - Locations accessible to infants and young children
(Failure to do so may lead to accidents or injuries.)
- Do not place other items on the main unit or accessory strap.
(Failure to do so may lead to indentations, color transfer, or discoloration on the surface.)
- Do not move while holding the cable when the dedicated USB cable is connected.
(Failure to do so may lead to injury or malfunction.)
- Do not forcibly fold or roll up the main unit. (Failure to do so may lead to malfunction.)
- Keep away from pets such as dogs and cats.
(Failure to do so may lead to damage or malfunction.)



Disposal of used batteries

The built-in battery is a valuable recyclable resource.
Before disposing of this unit, the battery must be removed from the main unit.
The main unit must be powered off when removing the battery. Batteries should be disposed of safely.

Removal steps: 1. Use a professional tool to pry open the silicone operation part. 2. Remove the fixing screws. 3. Remove the battery.
(The used battery will be handed over to the recycling agency set up by the government for unified disposal; Or the battery is handed over to professional institutions and their technicians for recycling.)

The built-in battery has passed CCC mandatory certification.

Disposal instructions for the following consumables:

- USB Power Adapter
 - Shoulder Strap
 - Dedicated USB Cable
 - Signal Device
- (Please dispose of in the recycling bin)

Belt (Sold Separately)

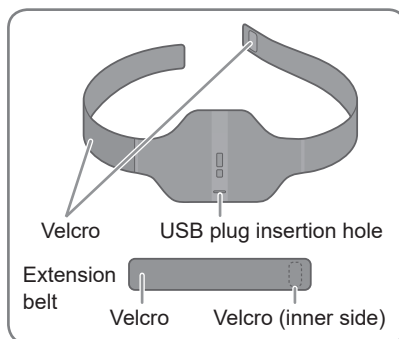
The belt is sold as an accessory.
Purchase separately. (EN23)

Applicable size:

Waist circumference approx. 58-100 cm
(Using extension belt)

Wear over thin clothing when using.

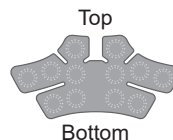
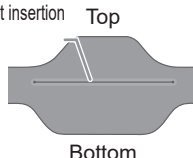
- Refer to EN12-EN16 for details on charging and operation of this unit.



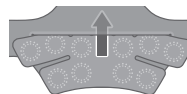
1 Inserting the Main Unit into the Belt

- ① Align the belt with the back of the main unit, matching top and bottom.

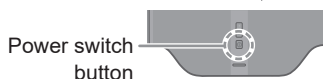
Waist accessory belt (back) Main unit (back)
Main unit insertion opening Top Bottom



- ② Open the main unit insertion opening and insert the main unit.

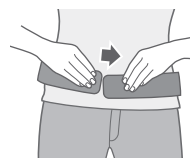


- ③ Ensure the front side is facing up and the power switch button on the main unit is visible.



2 With the main unit power turned on Wrap around the waist and secure with Velcro

- If the belt length is insufficient, use it in combination with the extension belt.



3 After use, remove from the waist.

- Turn off the power of main unit after removal.

- The belt is washable. Take out the main unit, fasten the Velcro, and wash according to the instructions on EN17.

- If debris or hair gets tangled in the Velcro, use a toothpick or similar tool to remove it.



Storage

Belt (Sold Separately)

EN19

FAQ

Do you feel nothing?

- The conductive belt provides no stimulation. (EN2)

How long does it take to see effects?

- Effects vary depending on the individual and the severity of pain; continuous long-term use is recommended.

It is difficult to see the flashing of the battery level indicator, and I am unsure if high-frequency pulses are being output.

- Even in bright rooms, it may be difficult to see.
Use the signal device to check if high-frequency pulses are being output. (EN14)

The area where it is worn feels warm; does it have a heating function?

- It may feel warm after wearing, but this unit does not have a heating function.

Can I use it while sleeping?

- Do not use while sleeping.

Can I use a USB power adapter or USB cable other than the supplied ones for charging?

- Be sure to use the USB power adapter and dedicated USB cable supplied with this unit to avoid accidents, injuries, or malfunctions.

What is the waist size for the belt (sold separately)?

- Applicable size: Waist circumference approx. 58-100 cm (using the extension belt) (EN19)

Can the shoulder strap or belt (sold separately) be washed in a washing machine?

- Please wash by hand. (EN17, 19)

Can it be used overseas?

- This product is for use in Hong Kong only and cannot be used overseas. Also, using a transformer or plug adapter may cause malfunction.

Does it affect anti-theft systems?

- The high-frequency pulses from the main unit may trigger a reaction when approaching anti-theft gates in stores or airports. In such cases, turn off the power of the main unit.

Can it be left unused for a long time?

- Since the built-in battery may deteriorate, please fully charge it every six months if you do not use it for more than half a year.

Does frequent charging affect the lifespan of the built-in battery?

- A battery that does not easily deteriorate even with frequent charging is used, so it will not affect the battery life.

FAQ

Before Requesting Repair

Please check “FAQ” (EN20-EN21) and the following contents.

If abnormalities persist after checking, first unplug the USB power adapter from the power outlet and contact the retailer where you purchased the product. (Refer to EN25 for details)

Symptoms	Please confirm
Fail to charge. (Battery level indicator does not light up or flash.)	● Is the USB cable unplugged? (EN12) ● Can I charge using a USB power adapter or dedicated USB cable other than those supplied with this unit? (EN10, 20) ● Charging time may vary when using for the first time or after not using for more than six months. The indicator may not light up or flash for a few minutes after charging starts, but it will eventually light up or flash if charging continues.
All battery level indicators flash rapidly (approx. twice/second)	● Is charging being performed within the recommended charging temperature range (5-35°C)? (EN13)
After charging is complete, the dedicated USB cable is inserted into the main unit to charge again.	● Even if charging is complete, the battery level indicator will light up for the first 3 seconds so you can clearly confirm the connection of the dedicated USB cable to the main unit and the remaining battery level. This is not a malfunction.
Cannot use for a long time even after charging correctly	● Lifespan of the built-in battery. (EN13)
The battery level indicator does not light up or flash when power is turned on / No beep sound when the antenna is close to the signal device	● Is the battery depleted? (EN15) ● Is the main unit's power turned on? (EN15) ● Is the dedicated USB cable unplugged from the signal device? (EN14)
Beeping occurs even when the main unit is not close to the signal device	● It may be affected by surrounding electronic devices; this is not a malfunction. Move the signal device away from electronic equipment.

In such cases...

Symptoms	Please confirm
Main unit, signal device abnormally overheating ▶	Malfunction. To prevent accidents, stop using and contact a Panasonic authorized service center for repair.
Damaged ▶	
Abnormal noise or odor ▶	

Consumables

USB Power Adapter

Model: **SW-050100B**



Shoulder Strap



Belt



Dedicated USB Cable



Signal Device



Before Requesting Repair

Consumables

Consult the store where you purchased the product regarding the signal device.

Specifications

Product Name		High-Frequency Conductive Belt
Product Model		EW-RAE50
Rated Parameters	During Main Unit Operation	Rated Voltage DC 3.8 V
	During Main Unit Charging	Power Supply AC 220 V 50 Hz
		Rated Power Consumption 0.4 W
	During High-Frequency Check Program	Power Supply AC 220 V 50 Hz Rated Power Consumption 0.8 W
Category		General Household Appliances
Common Name		Household High-Frequency Conductive Belt
Executive Standard		IEC60335-1, IEC60335-2-115
Dimensions (D × W × H)	Main Unit	Approx. 236 x 117 x 8 mm
	Shoulder Strap	Approx. 376 x 320 x 7.2 mm
	Belt (Sold Separately)	Approx. 1150 x 117 x 8 mm (including extension belt)
	Signal Device	Approx. 42 x 42 x 15 mm
Mass	Main Unit	Approx. 39 g
	Shoulder Strap	Approx. 82 g
	Belt (Sold Separately)	Approx. 51 g (including extension belt)
	Signal Device	Approx. 19 g
Length of Dedicated USB Cable		Approx. 65 cm
Manufacturer		Panasonic Manufacturing (Shanghai) Co., Ltd. No. 258, Jiangtian East Road, Songjiang Industrial Park, Shanghai, China
Country of Origin		China



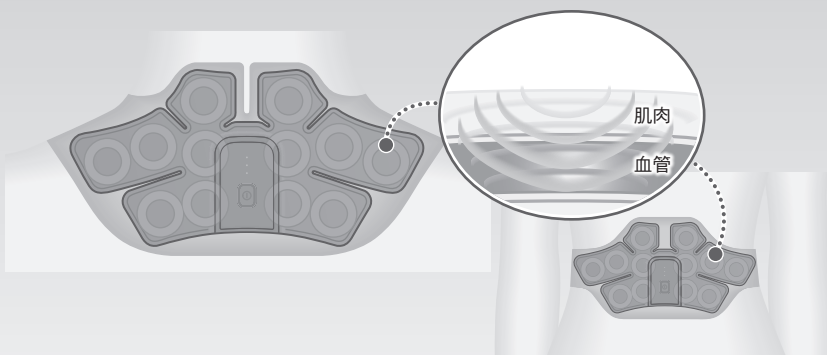
家用高周波傳導帶

高頻脈衝深入身體組織，令肩部舒適地放鬆、釋放疲勞。

使用目的或效果

用於釋放肩部的疲勞。適用於一般家庭用途。

從 12 處天線部位產生高頻脈衝



可長時間配戴

- 因為是無刺激的高頻脈衝，可以長時間使用
- 輕薄設計，可連續工作約 12 小時

與低頻商品的區別

(本公司產品比較)

	高頻	低頻
構造	頻率 5 MHz 以上 把高頻的電磁能照射肩部不舒服部位，釋放疲勞	頻率 3 ~ 1200 Hz 左右 皮膚表面透過微弱的低頻電流令使用部位得到放鬆
對身體的刺激	無刺激感	有刺激
特點	無刺激，可長時間使用。配戴期間可持續釋放疲勞	短時間（約 15 分鐘），可實際感受到刺激感

工作時使用

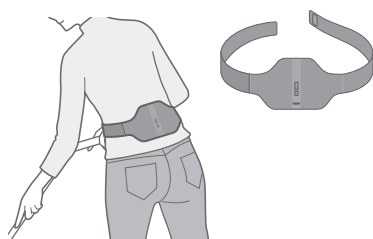


做家事時使用



產品主機可放入腰帶（另售）內，
使用於腰部。

腰帶（型號：EW-9RE5W）



目錄

安全注意事項 TC4

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使用後 TC16

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• 廢棄時的處理

腰帶（另售品） TC19

常見問題 TC20

修理前 TC22

消耗品 TC23

規格 TC24

保固和售後服務 封底

安全注意事項

請務必遵循這些安全說明

下文列舉的是使用中為防止人身受傷或財產損害必須遵循的安全事項。

■所有安全事項將根據因錯誤使用本機導致受傷或損害的程度予以說明。



危險

可能造成死亡或重傷後果的事項內容。



警告

可能造成死亡或重傷後果的事項內容。



注意

可能造成輕傷或財產損害的事項內容。

■必須遵守的安全說明以下列符號表示。



絕對禁止事項。



必須執行事項。



危險

關於症狀



●請勿與下述醫用電氣設備同時使用。

(1) 配戴心律調節器或其他容易受到電子干擾的體內植入型電子醫療器材的人

(2) 心電圖儀等安裝型醫用電氣設備

●本產品不得由佩戴與其使用不相容植入物者使用，亦不得用於該等人士。

(否則可能會導致事故或身體明顯傷害的原因。)



警告

關於症狀



●請勿纏繞在肩部以外的部位

●請勿用作人體部位的治療

●本產品不宜供肢體、感官或精神上有殘疾者，或缺乏經驗和知識者（包括兒童）使用，必須有監護人從旁監督並對本產品的使用加以指導，且對使用者的安全能承擔責任。請避免兒童將本產品視為玩具，進而引發危險。

(否則可能會導致事故、受傷或健康狀況惡化。)

警告

關於症狀



- 本產品不得由十四歲（含）以下人士使用，亦不得用於該等人士。此外，請勿讓兒童在本機上玩耍或坐在上面（否則可能會導致事故或受傷。）
- 本器具可能對患有皮膚疾病或皮膚發炎者、皮膚敏感者及過敏體質者造成不適或不良反應。
- 本產品不得用於皮膚完整性受損的部位。



- 有下列任何狀況的人或正在接受醫生治療的人，在使用本機前，應諮詢醫生。
 - （1）急性疾病
 - （2）惡性腫瘤（腫瘤）
 - （3）心臟病患者
 - （4）生理期、孕婦、剛完成分娩的婦女
 - （5）因糖尿病等嚴重末梢循環障礙引起知覺障礙的人
 - （6）傳染病
 - （7）貧血患者
 - （8）皮膚感覺障礙或皮膚有異常
 - （9）血壓異常（ ≥ 180 mmHg）
 - （10）脊椎骨折、扭傷、肌肉拉傷等急性〔痛〕疾病
 - （11）體溫 38°C 以上（有發燒症狀）的人（例如：有急性發炎症狀〔如疲倦感、寒顫、血壓波動等〕強烈時、身體虛弱時）
 - （12）必須靜養或身體顯著不適的人
 - （13）除上述之外，身體感覺不適的人
- 使用中感到身體不適或未感受到本產品的效果，請停止使用，請諮詢醫生。（否則可能會導致事故或受傷。）
- 請務必監督好兒童，避免其隨意擺弄本機。（否則可能會導致事故或受傷。）

安全注意事項(續)



警告

使用前、使用中



- 請勿和其他治療器同時使用。
另外，不要和外塗藥物（包括噴霧式等）一起使用
（否則可能會導致事故、受傷或健康狀況惡化）
- 請勿在浴室等濕度高的地方使用。
（否則可能導致觸電事故，或因短路引發火災）
- 請勿在睡前使用本產品。
（否則可能會導致意外事故或健康狀況惡化）
- 請勿繞過或移除本產品的內建安全裝置。



- 使用前，請務必確認本機是否有破損
若破損或無法正常運作時，請立即停止使用，將本機送修
（否則可能會導致意外事故或健康狀況惡化）

發生異常、故障時



- 發生異常或故障時，立即停止使用，拔掉電源插頭。
（否則可能導致冒煙、過熱、著火或觸電。）

<異常・故障事例>

主機、USB 電源供應器、USB 專用連接線

・本機破損、變形或異常發熱

・發出焦臭味

・電源插頭未插入到位

・USB 連接線未插入到位

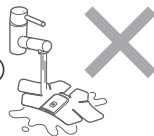
→ 請勿自行修理，請立即委託授權服務中心檢查和修理。

警告

請注意以下幾點



- 請勿水洗、將水滴等物質滴在主機上（肩帶除外）
（否則可能導致過熱、破裂、短路引發的著火或火災。）



安全注意事項

- 請勿擅自改造、分解本機
（否則可能過熱、破裂、起火、觸電、漏液或異常動作導致的事故、受傷、健康狀況惡化。）
- 請勿在高溫環境（火的旁邊、烈日下、車內等）充電、使用、放置或保管
- 請勿將主機放入火中加熱
- 請勿將釘子刺入主機或使其受到衝擊
（否則可能內建電池過熱、破裂、起火、漏液導致受傷或周圍污染。）
- 請勿存放在嬰幼兒拿得到的地方
（否則可能會導致事故或受傷。）



- 本產品包含只能由技術人員更換的電池。
- 僅可使用製造商推薦的消耗性材料。
- 本產品僅能與商品所提供的專用電源供應器一起使用，電源供應器型號：
SW-050100B
（否則可能會導致事故或受傷。）

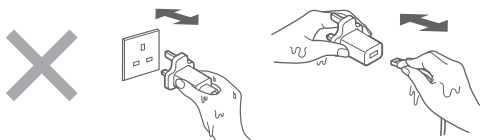
安全注意事項(續)

警告

關於USB 電源供應器、USB 專用連接線



- 請勿使用指定以外的USB 電源供應器、USB 專用連接線，且不可用於其他商品
(否則可能導致事故、受傷、過熱、破裂、觸電、短路引發的著火或火災。)
- 請勿用濕手拔插電源插頭、USB 插頭。
(否則可能會導致觸電。)



- 請勿使大頭針、垃圾、水等進入主機、訊號器、USB 電源供應器、USB 連接線的縫隙中。
(否則可能會導致觸電、短路引發的著火或火災。)
- 請勿進行任何可能損壞USB 電源供應器、USB 專用連接線的行為。
請勿刮傷、改造、靠近加熱器、過度彎曲、扭轉、拉扯、夾住、放置重物或捆束。
(否則可能會導致觸電、短路引起的著火或火災。)
- 請到購買本機的商店或授權服務中心諮詢修理電源供應器的方法。
- 拔除USB 專用連接線時，請勿拉扯。
(否則可能會導致觸電、短路引發的著火或火災。)



- 請務必將電源插頭、USB 插頭插到底，使其確實地插入到位。
(否則可能會導致觸電或過熱引起火災。)

關於電源



- 請務必遵守插座和配線器具的額定值
- 請使用 220 V 交流電 (請勿在國外使用本產品，或擅自連接變壓器。)
(否則可能會導致觸電或過熱引起火災。)

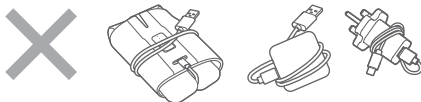
! 注意

使用前、使用中

- 請勿使用膠帶把主機直接貼在皮膚上
(否則可能會導致皮膚發炎。)
- 請勿用力按壓貼合身體、以及在摩擦狀態下使用
(否則可能會導致內出血、擦傷等。)
- 因使用本產品而產生出疹、紅腫、發癢等症狀時，請立即停止使用，並諮詢醫師。
(否則可能會導致事故或身體狀況不佳。)
- 連續使用最長時間限制在 12 小時以內
(否則可能會導致皮膚發炎或身體狀況不佳。)

關於 USB 電源供應器、USB 專用連接線

- 請勿將連接線纏繞在主機・訊號器・USB 電源供應器上或將其扭曲
(否則可能給連接線增加負擔，導致斷線，以致觸電或短路。)

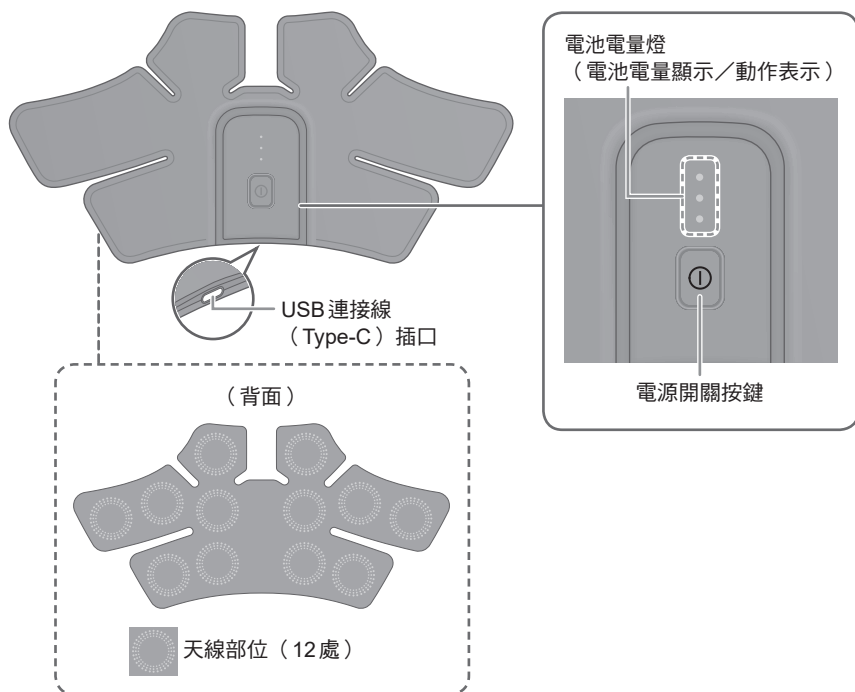


- 在清潔維護時，必須拔除 USB 插頭與電源插頭
(否則可能導致觸電、受傷、內建電池過熱、破裂、起火、漏液導致受傷或周圍污染。)
- 不使用時，請務必從插座拔除電源插頭。
(否則可能會因灰塵、濕氣導致絕緣老化，引發漏電、火災。)
- 停電時立刻拔除電源插頭。
(否則可能在電源恢復時造成事故或受傷。)

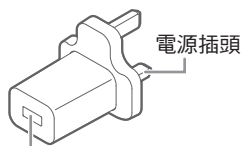
各部件的名稱、附屬品

從彩盒中取出本機，主機已放入肩帶中。

主機



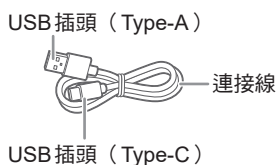
USB 電源供應器 (附屬品) (型號：SW-050100B)



USB 插口 (Type-A)

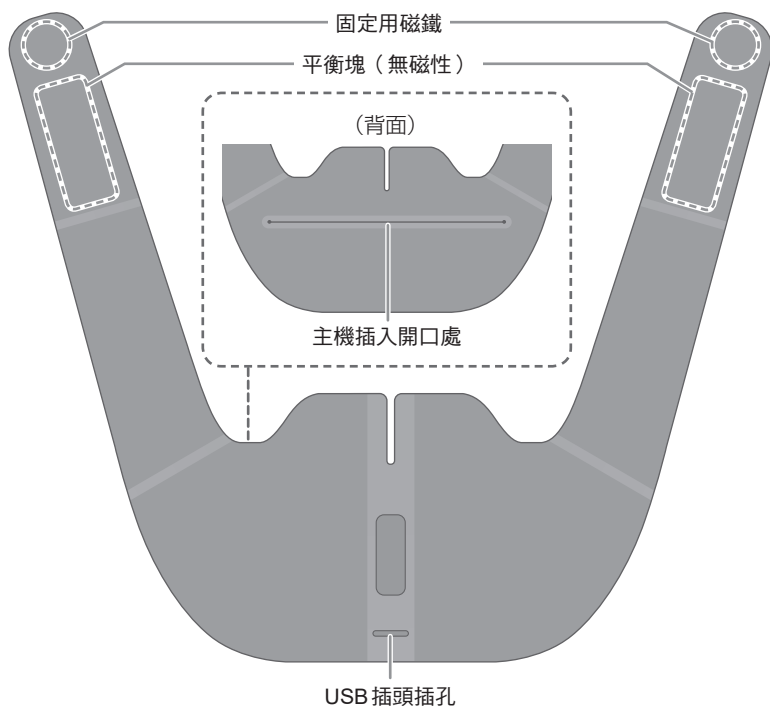
TC10

USB 專用連接線 (附屬品) (型號：EWRA550W7697)



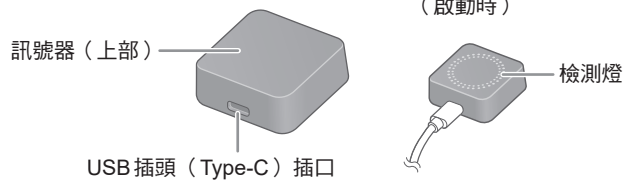
USB 插頭 (Type-C)

肩帶（附屬品）



各部件的名稱、
附屬品

訊號器（附屬品）



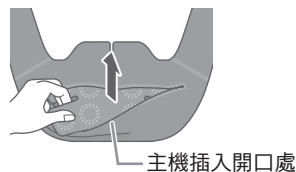
TC11

充電

購買時未充滿電。請從肩帶中取出主機，務必充電後使用。

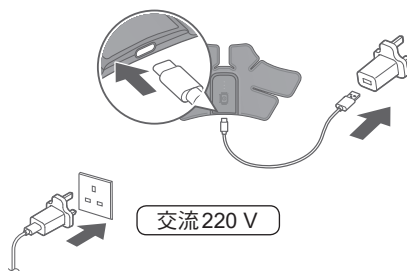
1 從肩帶中取出主機

- ① 從肩帶背面的
主機插入開口處將主機取出



2 充電

- ① USB 專用連接線插入主機
- ② 電源插頭插入插座



充電時指示燈顯示

(亮燈 ● 閃爍 ● 燈滅 ●)

充電中 (電池餘量不滿 25 %)	充電中	充電中	充電完成 (3 秒后)

- 充電完成約 2 小時 (充電時間依電池剩餘電量)
- 電池滿電時可連續使用時間：約 12 小時
- 依電池剩餘電量，充電時間會有不同。充電 2 小時以上對主機沒有影響。

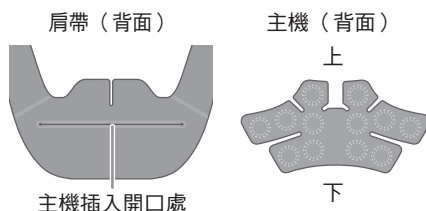
3

電池餘裕指示燈熄滅後，請拔除電源插頭。

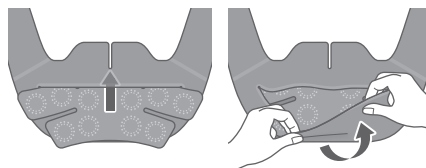
- 請依照步驟 2 的②和①的順序拔除

4 將主機放入肩帶

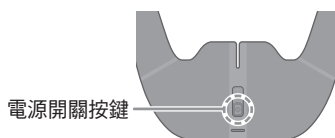
- ① 將肩帶與主機背面相對，
使上、下對齊



- ② 打開主機插入開口處，
放入主機



- ③ 正面朝上並確認
主機的電源開關
按鍵可見



充電

- 產品最大輸出功率: 29.52 mW
- 產品最大輸出能量: 106.272 J
- 即使使用正確方式充電也只能使用很短時間的情況下，可能是內建電池的壽命出現問題。請委託授權服務中心檢查修理。（電池的壽命大概是3年左右，根據實際使用和保管狀態可能有差異）
- 充電建議溫度為5℃~35℃。在建議溫度以外，可能會導致內建電池老化或無法充電。
- 電池餘裕指示燈快速閃爍（約2次/秒）時，則可能是在建議溫度以外充電所出現的故障。請在建議的充電溫度範圍內進行充電。
- 首次使用或半年以上未使用時，充電時間可能會有變動。在開始充電後的幾分鐘內，指示燈可能不會亮起或閃爍，但如果繼續充電，指示燈將亮起或閃爍。

確認是否開啟高頻脈衝

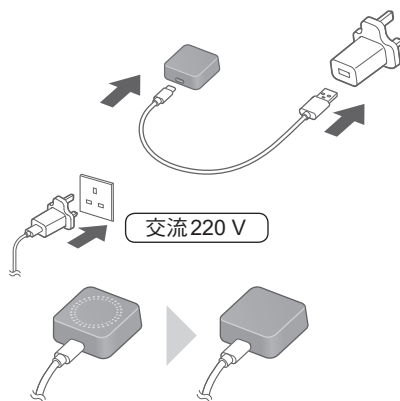
可以使用訊號器進行確認。（透過蜂鳴器聲音和訊號器檢測燈顯示）

1 啟動訊號器

① USB 專用連接線插入訊號器及 USB 電源供應器

② 將電源插頭插入插座

- 訊號器偵測燈亮燈 1 秒鐘，然後燈滅，訊號器啟動

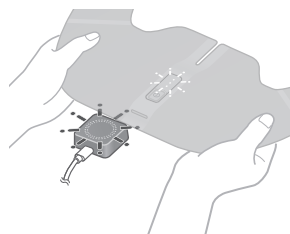


2 在主機電源開啟的狀態下 將天線部位靠近訊號器

- 當檢測到高頻脈衝時，訊號器發出蜂鳴音（蜂鳴器聲音和訊號器檢測燈閃爍）

〈關於反應〉

到主機的距離	蜂鳴器聲音	訊號器檢測燈
遠	嗶、嗶、嗶...	緩慢閃爍
近	嗶嗶嗶嗶...	快速閃爍



- 根據主機與訊號器的位置關係，反應可能有所不同。如果訊號器偵測器偵測到多個天線的高頻脈衝，則更容易做出反應。
- 金屬桌上可能較難產生反應。

3 拔除電源插頭

- 依照步驟 1 的 ② 和 ① 的順序拔除

配戴後使用

請佩戴在薄衣物上使用。

請確認

開機後，電池餘裕顯示燈是否正常亮起或閃爍？
（暫時不使用時也需要確認）
→ 發生異常時請確認 TC22~TC23。

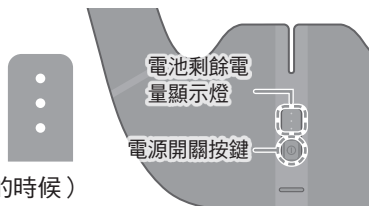
確認是否開啟高頻脈衝

配戴後使用

1 短按電源開關按鍵

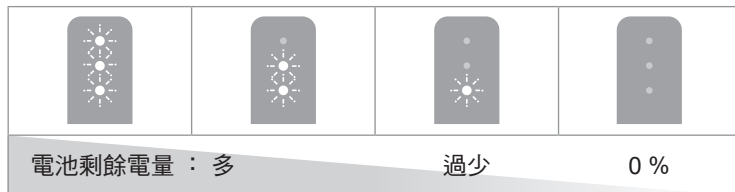
- 電池餘裕顯示燈亮3秒鐘，
高頻脈衝輸出開始後，
顯示燈閃爍

（顯示事例：充滿電的時候）



使用中指示燈顯示

（閃爍  燈滅 ）



- 電池沒有剩餘電量時，所有的指示燈熄滅。
（電源斷開）

2 將電池餘量顯示燈作為產品外側， 沿著脖肩處配戴（主機在背部中間）



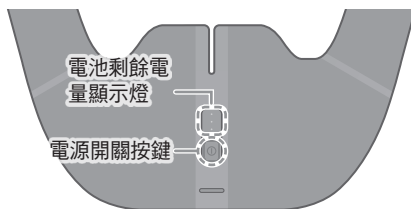
- 希望固定本機位置或外出時擔心本機掉落的情況下，請使用磁鐵固定。

TC15

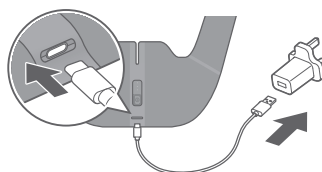
使用後

- 1 從肩部取下肩帶，
短按電源開關按鈕，
關閉電源

- 電池餘量顯示燈熄滅



- 在主機放入肩帶的狀態下也可以進行充電。



維護

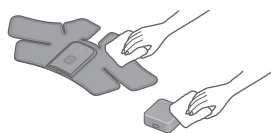
請務必拔除 USB 插頭，將主機從肩帶中取出後進行以下操作。

切勿使用如稀釋劑、汽油、酒精等化學物質
(否則會導致零件故障、開裂、變色等)



1 用乾布擦拭

- 請勿水洗。(肩帶除外)
- 請勿對主機或訊號器施加暴力或跌落。
(否則可能會導致故障)



使用
後

肩帶可整個清洗。



清洗方法

- ① 放入洗衣網
- ② 浸泡在 30 °C 以下的水中，
輕輕按壓清洗
 - 請勿使用含有漂白成分的
清潔劑 (否則可能會導致褪色)
 - 請勿搓洗。(否則可能會導致布料損傷)
 - 請與其他物品分開清洗 (防止染色)
- ③ 請充分沖洗
- ④ 請輕柔按壓將水瀝乾
 - 請勿扭轉、擠乾脫水。(否則可能會導致布料損傷、變形)
- ⑤ 請輕柔撫平褶皺，陰乾
 - 請勿曝曬或用滾筒乾燥機烘乾
(否則可能會導致布料縮水、布料變色)
 - 清洗後請直接晾乾。(防止染色)
 - 請勿使用電熨斗熨燙 (否則可能會導致布料損傷、變形)

成分及洗滌說明

錦綸 80 %
氨綸 20 %



維
護

保管

長期保管可能會導致內建電池老化。
請務必充滿電後保管。

- 請勿放置在下列場所
 - 溫度、濕度高的場所（否則可能會導致故障或布料變色）
 - 陽光照射的場所（否則可能會導致布料變）
 - 嬰幼兒觸手可及的場所（否則可能會導致意外或受傷）
- 請勿在主機或附屬帶上放置其它物品
（否則可能會導致表面產生壓痕、顏色轉移或變色）
- 請勿在 USB 專用連接線連接的情況下，拿著連接線移動
（否則可能會導致受傷或故障）
- 請勿將主機暴力折疊或捲起（否則可能會導致故障）
- 請勿靠近狗和貓等寵物
（否則可能會導致破損、故障）



電池廢棄時的處理

內建的電池是可回收的寶貴資源。

在廢棄本機前，必須將電池從主機中取出。

取出電池時，主機必須斷電。電池應安全地處置。

取出步驟：1. 使用專業工具撬開矽膠操作部。 2. 卸下固定螺絲。 3. 取出電池
（廢棄電池將移交給政府設立的回收機構進行統一處理，或移交給專業機構及其技術人員進行回收。）

內建電池已通過 CCC 強制認證。

以下消耗品廢棄時的處理

- USB 電源供應器
- 肩帶
- USB 專用連接線
- 訊號器
（請丟棄於可回收垃圾桶）

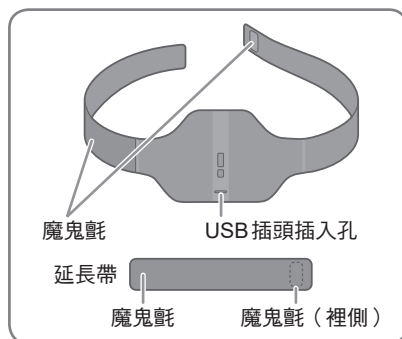
腰帶（另售品）

腰帶作為配件銷售。
請另外購買。（TC23）

對應尺寸：
腰圍約 58～100 cm
（使用延長帶）

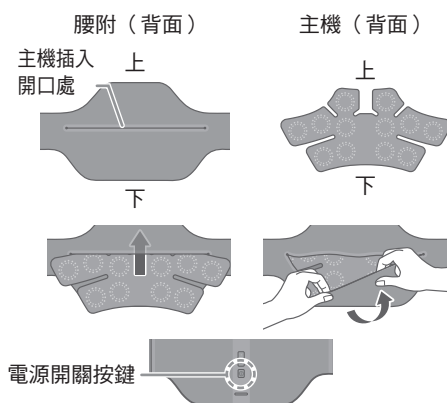
請佩戴在薄衣物上使用。

- 關於本機的充電、操作詳細內容請參考 12～16 頁。



1 將主機放入腰帶

- ① 將腰帶與主機背面相對，使上、下對齊
- ② 打開主機插入開口處，放入主機
- ③ 正面朝上並確認主機的電源開關按鈕可見

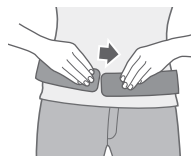


保管

腰帶（另售品）

2 在主機電源開啟的狀態下纏繞在腰上，魔鬼氈配合固定

- 腰帶長度不夠時，請搭配使用延長帶。



3 使用後，從腰上取下來。

- 取下後，請切斷主機電源。

- 腰帶可以清洗。請取出主機，魔鬼氈配合固定後依 P17 中的說明進行清洗。
- 魔鬼氈上纏繞垃圾、頭髮時，請使用牙籤等移除。



TC19

常見問題

什麼感覺都沒有嗎？

- 傳導帶沒有刺激。（TC2）

使用多久會有效果？

- 效果因人和酸痛程度不同會有差異，建議長時間持續使用。

電池剩餘電量指示燈閃爍並不容易看清，也不確定是否有高頻輸出脈衝。

- 即使在明亮的室內，也有不容易看到的狀況。
請使用訊號器偵測是否有輸出高頻脈衝。（TC14）

穿戴的部位感覺很溫暖，有加熱功能嗎？

- 配戴後會覺得很溫暖，但本機沒有加熱功能。

可以在睡覺時使用嗎？

- 請勿在就寢時使用。

可以使用配套以外的USB 電源供應器、USB 連接線充電嗎？

- 請務必使用本機配對的USB 電源供應器、USB 專用連接線，以避免發生事故、受傷或故障。

腰帶（另售品）能使用的腰圍尺寸？

- 適合尺寸：腰週長約58～100 cm（使用延長帶）（TC19）

肩帶或腰帶（另售品）可以用洗衣機清洗嗎？

- 請用手清洗。（TC17、TC19）

可以在海外使用嗎？

- 本商品為香港內專用，無法在海外使用。
另外，若使用變壓器或轉換插頭可能會導致故障。

對防盜系統有影響嗎？

- 本機主機的高頻脈衝可能會在接近商店或機場的防盜門時發生反應。在這種情況下，請關閉主機電源。

可以長時間不使用嗎？

- 由於內建電池可能會老化，如果您不使用超過半年，請每六個月充滿電一次。

多次充電對內建電池的使用壽命是否有影響？

- 使用了即使多次充電也不容易劣化的電池，不會影響電池的壽命。

常見問題

修理前

請確認「常見問題」（TC20~TC21）及下述內容。

確認後仍有異常的情況下，請先從電源插座拔除USB電源供應器，並與購買的銷售商聯絡。（詳情請見TC25）

症狀	請確認
無法充電 （電池剩餘電量顯示燈不亮、不閃爍）	●USB 連接線是否已被拔除？（TC12） ●可以使用本機搭配以外的USB 電源供應器、USB 專用連接線充電嗎？（TC10、TC20） ●首次使用或半年以上未使用時，充電時間可能會有所變動。在開始充電後的幾分鐘內，指示燈可能不會亮起或閃爍，但如果繼續充電，指示燈將亮起或閃爍。
電池剩餘電量顯示燈全部快速閃爍（約2次/秒）	●是否在建議的充電溫度範圍內（5~35℃）進行充電？（TC13）
充電完成後，將USB 專用連接線插入主機再次充電。	●即使充電完成，以便您清楚確認USB 專用連接線是否插入主機以及電池剩餘電量，會在前3秒亮起電池剩餘電量顯示燈。這不是故障。
即使正確方式充電，短時間內也無法使用	●內建電池的壽命。（TC13）
開啟電源，電池剩餘電量顯示燈也不亮或不閃爍/天線靠近訊號器時也沒有發出蜂鳴聲	●電池沒有剩餘電量了嗎？（TC15） ●主機的電源開啟了嗎？（TC15） ●USB 專用連接線是否從訊號器中拔除？（TC14）
主機沒有靠近訊號器情況下，卻發出蜂鳴聲	●可能會受到周圍電子設備的影響，並非故障。將訊號器從電子設備移開。

這種時候…

症狀

主機、訊號器、異常過熱 ▶

損壞 ▶

有異音、異味 ▶

請確認

故障。

為了防止事故的發生，請停止使用，並委託松下授權的維修中心進行維修。

消耗品

USB 電源供應器

型號：SW-050100B



肩帶



腰帶



USB 專用連接線



訊號器



修理前

消耗品

訊號器請與購買商品的銷售店協商。

規格

銷	售	名	字	高周波傳導帶
商	品	編	號	EW-RAE50
額 定 參 數	主 機 工 作 時			額定電壓 DC3.8 V
	主 機 充 電 時			電源AC 220 V 50 Hz
				額定功耗 0.4 W
	高 頻 檢 查 程 序 運 作 時			電源AC 220 V 50 Hz
				額定功耗 0.8 W
種			類	一般家用電器
通 用			名 稱	家庭用高周波傳導帶
執 行			標 準	IEC60335-1, IEC60335-2-115
尺 寸	主 機			約長 236 x 寬 117 x 高 8 mm
	肩 帶			約長 376 x 寬 320 x 厚 7.2 mm
	腰 帶 (另 售)			約長 1150 x 寬 135 x 厚 5 mm (含延長帶)
	訊 號 器			約長 42 x 寬 42 x 高 15 mm
品 質	主 機			約 39 g
	肩 帶			約 82 g
	腰 帶 (另 售)			約 51 g (含延長帶)
	訊 號 器			約 19 g
USB 專 用 連 接 線 的 長 度				約 65 cm
製 造			商	松下住宅電器 (上海) 有限公司 上海市松江工業區江田東路 258 號
原 產			地	中國



高周波傳導帶保證書

銷售店記錄

產品名稱		產品型號	
產品序號		購買日期	

客戶姓名		聯絡電話	
客戶地址			

銷售店名稱		維修店電話	
維修店地址			

維修記錄

維修店名稱		聯絡電話		收件日期	
維修店地址					
故障內容		故障原因			
維修內容		維修人員簽名			

維修店名稱		聯絡電話		收件日期	
維修店地址					
故障內容		故障原因			
維修內容		維修人員簽名			

維修店名稱		聯絡電話		收件日期	
維修店地址					
故障內容		故障原因			
維修內容		維修人員簽名			

Memo

Memo

Panasonic Corporation
<http://www.panasonic.com>
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No.1 EN, TC

Issued date: 2026-05
發行日期：2026-05
Printed in China
中國印刷
W9030RAE50421
2026-04-20