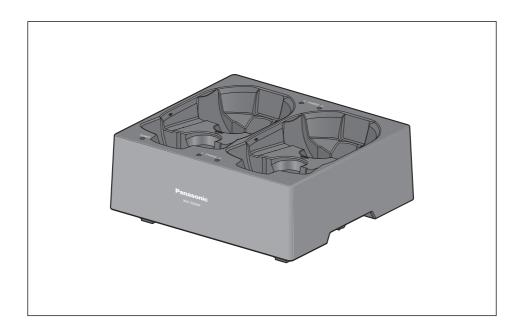
Panasonic

Operating Instructions

Included Installation Instructions

Charger Model No. WX-SZ600P



Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.

The model number is abbreviated in some descriptions in this manual.



Safety precautions



CAUTION



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

- · To prevent fire or electric shock hazard, do not expose this apparatus to rain or moisture.
- The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
- · The mains plug or an appliance coupler shall remain readily operable.
- · This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received. including interference that may cause undesired operation.

———— For U.S.A.
The model number and serial number of
this product may be found on the surface
of the unit.
You should note the model number and
serial number of this unit in the space

permanent record of your purchase to aid identification in the event of theft. Model No.

Serial No.

provided and retain this book as a

- For U.S.A. -

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

For U.S.A. -

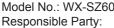
FCC Caution:

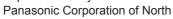
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For U.S.A.

Supplier's Declaration of conformity

Trade Name: Panasonic Model No.: WX-SZ600P





America Two Riverfront Plaza, Newark, NJ

07102-5490 Support Contact: 1-800-491-9986

wirelessmicsupport@us.panasonic.com

CAUTION:

ONLY CONNECT 12 V CLASS 2
 POWER SUPPLY (UL 1310/CSA 223)
 or LIMITED POWER SOURCE (IEC/EN/UL/CSA 60950-1).

For use only with power supply Manufacturer, Panasonic Connect Co., Ltd. Model, SAE0011B

Descriptions of graphic symbols

This symbol indicates an direct current (DC).

Safety precautions

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Before use

Product overview

This product is a charger to be used with wireless microphones (WX-ST200P, WX-ST400P, WX-ST700P: each of which is sold separately) and wireless transmitters (WX-ST600P: sold separately).

- This product has 4 charging ports enabling simultaneous charging of a combination of up to 4 wireless microphones and wireless transmitters.
- It uses inductive charging, without any direct contact points.
- It is equipped with a network function and you can check the charging status in each charging slot using the operations support software.

Limitation of liability

THIS PUBLICATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF THE THIRD PARTY'S RIGHT. THIS PUBLICATION COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE ADDED TO THE INFORMATION HEREIN, AT ANY TIME, FOR THE IMPROVEMENTS OF THIS PUBLICATION AND/OR THE CORRESPONDING PRODUCT(S).

Disclaimer of Warranty

IN NO EVENT SHALL Panasonic Connect Co., Ltd. BE LIABLE TO ANY PARTY OR ANY PERSON, EXCEPT FOR REPLACEMENT OR REASONABLE MAINTENANCE OF THE PRODUCT, FOR THE CASES, INCLUDING BUT NOT LIMITED TO BELOW:

- ① ANY LOSS OR DAMAGE, INCLUDING WITHOUT LIMITATION, DIRECT OR INDIRECT, SPECIAL, CONSEQUENTIAL OR EXEMPLARY, ARISING OUT OF OR RELATING TO THE PRODUCT;
- ② ANY INCONVENIENCE, LOSS, OR DAMAGE CAUSED BY INAPPROPRIATE USE OR NEGLIGENT OPERATION OF THE USER:
- ③ ALL MALFUNCTIONS OR TROUBLES FROM UNAUTHORIZED DISASSEMBLY, REPAIR OR MODIFICATION OF THE PRODUCT BY THE USER, REGARDLESS OF THE CAUSE OF THE MALFUNCTION OR TROUBLE;
- ANY PROBLEM CAUSING FAILED SIGNAL TRANSMISSION RESULTING IN CONSEQUENTIAL INCONVENIENCE, LOSS OR DAMAGE, ARISING OUT OF CAUSES SUCH AS SYSTEM MALFUNCTION, FAULT, SET UP OR INSTALLATION.
- ⑤ ANY PROBLEM, CONSEQUENTIAL INCONVENIENCE, OR LOSS OR DAMAGE, ARISING OUT OF THE SYSTEM COMBINED BY THE DEVICES OF THIRD PARTY.
- ⑥ LOSS OF REGISTERED DATA CAUSED BY ANY FAILURE (INCLUDING INITIALIZATION OF THE PRODUCT DUE TO FORGOTTEN AUTHENTICATION INFORMATION SUCH AS A USER NAME AND PASSWORD).

Before use

Copyright

Distributing, copying, disassembling, reverse compiling and reverse engineering of the software provided with this product are all expressly prohibited. In addition, exporting any software provided with this product violating export laws is prohibited.

Network precautions

As this product works under the network connection, there is a possibility of the following occurring:

- (1) Information leaks through this product
- (2) Unauthorized operation of this product by ill-intentioned third parties
- (3) Disturbance or obstruction of the operation of this product by ill-intentioned third parties

In order to prevent problems such as these, it is your responsibility to take preventive security measures such as these:

- Only use the product on a safe network which is protected by a firewall, etc.
- When using this product on a system connected to a computer, regularly check said computer for, and deal with, infections from computer viruses and unauthorized programs.
- Always use the operations support software to set a password for the receiver. This will help protect this product from outside attacks.

Abbreviations

This manual uses the following abbreviations.

- "Charger (WX-SZ600P)" is referred to as "charger", "this product" or "the product".
- "Wireless Microphone (WX-ST200P, WX-ST400P, WX-ST700P: each of which is sold separately)" and "Wireless Transmitter (WX-ST600P: sold separately)" are referred to as "microphone".

All information on separately-sold products contained in this manual is up-to-date as of October 2022. Refer to a retailer for the latest information.

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Precautions

Plug the power plug all the way in

An improperly plugged power plug may lead to electric shocks, overheating, and fires.

Do not use damaged power plugs or loose power sockets.

Directly grab the plug to remove the power cable from the socket

Failing to do so may damage the cord and lead to fire or electric shocks.

Regularly remove dust from the electric plug

The insulation on a dusty plug may fail when it is subject to elements such as humidity, thus leading to fire or electric shocks.

• Remove the power cord and clean it with a dry cloth.

If the product shows any abnormality, immediately stop using it

If the product shows abnormalities such as smoke or an unusual smell, continuing to use it may pose a fire hazard.

• Immediately remove the power cord and contact the retailer.

Do not attempt to repair or wire the product while it is turned ON

It may lead to fire or electric shock.

Do not use near flammable gases

Doing so may lead to explosions and injuries.

Do not install the product where there is a risk of damage from seawater or corrosive gases

This may cause the mounting unit to deteriorate, leading to accidents and injuries.

Do not place on unstable surfaces

The product may fall leading to accidents or injuries.

Only use the included AC adaptor (unified polarity plug)

Different AC adaptors may have different polarizations, resulting in smoke or fires.

Do not use where there is a risk of exceeding the maximum recommended wattage for the socket or the wiring, and only use 120 V current

Overloading multi-outlet extension cords could result in overheating and fires.

Do not let foreign substances into the product

Water or metals entering the product may lead to fires or electric shocks.

Immediately remove the power cord and contact the retailer.

Avoid damaging the power cord and power plug

(by breaking them, tampering with them, bringing them near heat sources, bending them excessively, twisting them, pulling on them, placing heavy objects on them, tying them, etc.)

Using a damaged power cord or power plug may cause electric shocks, short circuits, or fires.

• Entrust the repair of the power cord and power plug to a retailer.

Do not perform the installation and wiring work during a thunderstorm It may lead to fire or electric shock.

Do not insert or pull the power plug with wet hands

Doing so may cause electric shocks.

Do not attempt to disassemble or remodel the product

It may lead to fire or electric shock.

Do not spill any liquid

It may lead to fire or electric shock.

Immediately remove the power cord and contact the retailer.

Do not place containers full of water or other liquids on or near the product

If wet, the product may lead to fire or electric shocks.

Immediately remove the power cord and contact the retailer.

Turn the product OFF before performing maintenance

It may lead to injury.

Do not pull on cables and other components

It may lead to injury.

Do not damage the cables

Placing heavy objects on the cables or squeezing them in tight places will damage them, which could cause injuries.

Do not install at places exposed to large amount of humidity and/or dust It may lead to injury.

Do not cover the ventilation holes

Doing so may cause overheating resulting in fires.

Usage precautions

Other than the aforementioned "Precautions", make sure to follow the points below.

This product is intended for indoor use only

It cannot be used outdoors.

Avoid exposing the product to direct sunlight for extended periods of time, and do not install it near air conditioners or heaters. Failing to do so may lead to damage to the shape and color of the product, and may cause it to malfunction. Also avoid exposure to water droplets and bubbles.

Use this product with care

- This product contains delicate components which may be damaged by improper use or storage.
- Repair or replace any damaged components.
- Subjecting the product to strong impacts, drops, etc. may alter its fine-tuning and change
 its characteristics. Please use it with care. Avoid impacting the product, as this will result
 in a strong impact sound noise.
- Do not disassemble the product or touch its inner components.

The operating temperature and humidity ranges are

 Between 5 °C (41 °F) and 35°C (95 °F) and under 90% humidity. The charger may not function outside of these ranges.

Charging

- Remove the microphones from the charger once charging is complete.
- Both the microphones and the charger heat up during charging, but this is not due to a malfunction.
- Batteries which are being used for the first time or batteries which have not been used
 for a long time (more than three months) may not be completely recharged in just one
 cycle, resulting in less usable time for the microphones. This phenomenon is
 characteristic of the rechargeable batteries. The battery runtime may be recovered to the
 normal level by completely charging and then depleting (by using the microphone) the
 batteries two or three times.

Power specifications

• The charger uses AC 120 V (60 Hz) power. Connect the charger to an enough capacity power source.

When not using for an extended period of time

Remove the power cord from the power socket.

During thunderstorms

Do not insert microphones into the charger. Doing so may cause electric shocks.

Maintenance

- Turn OFF the power and clean the product with a dry cloth.
- Do not use volatile chemicals such as benzene or paint thinner.
- When using chemically treated cloths, carefully read the included instructions.

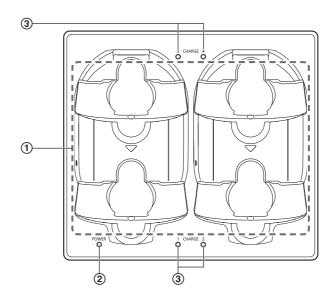
Network security



 Periodically change the password by the operations support software to improve security.

Parts and their names

Top



1 Microphone charging ports

Charges the battery of microphones inserted into it.

②Power indicator [POWER] (green)

Lights on when the included AC adaptor is connected and the charger is being powered.

③Charge indicators [CHARGE 1/2/3/4]

Shows the charge status.

On (orange) : Charging

On (green) : Charging complete
Off : Uncharged

Off : Uncharged Blinking (red) : Charging error

> Blinks and then stays lit if a metal foreign object (eg: paper clip) accidentally enters the microphone charging port.

Alternately blinking (red/green)

: Charging error

 Blinks when dry-cell batteries or depleted rechargeable batteries are detected or when batteries are overheated.



 Avoid exposing the product to direct sunlight for extended periods of time, and do not install it near heaters.

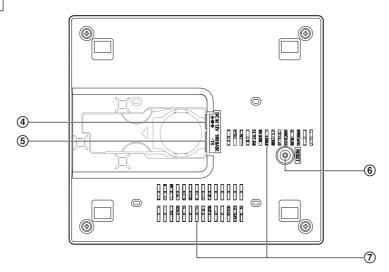
Doing so may cause overheating resulting in the product malfunctioning.



• The error display on the charger and microphones changes depending on the type of charging error.

	Charger [CHARGE] indicator	Microphone Charge indicator
Foreign metal object inside microphone charging port	Blinking red	Off
Dry-cell or deteriorated battery	Blinking, alternating between red and green	Blinking red
Abnormal battery heating	Blinking, alternating between red and green	Blinking red

Bottom



4DC power connector

Use the included AC adaptor. Input: AC 120 V, 60 Hz Output: DC 12 V, 3 A

⑤Network connector [100BASE-TX]

Connect a LAN cable Cat 5 (or Cat 5e or Cat 6) (locally procured) to the PC with the operations support software installed for configuration and maintenance.

Parts and their names

6 Reset button

This returns the product to the factory settings.

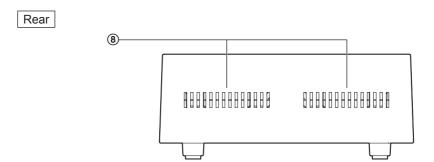
Unplug the included AC adaptor from the power outlet, then reinsert the power plug of the included AC adaptor into the power outlet while pressing this button and continue pressing the button for at least 2 seconds. The power indicator lights for about 1 second, then turns off, all the product's settings, including network settings and connection passwords, are returned to the factory state, and the product restarts.



• Do not turn off the power during the reset to factory settings. This may result in the reset not being completed properly or even malfunction.

(7) Ventilation holes

Holes which allow the heat to dissipate.



®Ventilation holes

Holes which allow the heat to dissipate.

Installation

Installation precautions



- Always ask a retailer to perform these operations.
- Remove the power cord from the power socket before performing these operations.

When installing this product, follow all official ordinances on electrical equipment technical standards.

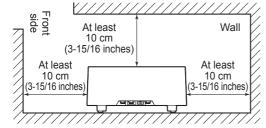
This product is intended for indoor use only

It cannot be used outdoors.

Avoid exposing the product to direct sunlight for extended periods of time, and do not install it near air conditioners or heaters. Failing to do so may lead to damage to the shape and color of the product, and may cause it to malfunction. Also avoid exposure to water droplets and bubbles.

Installation place

 This product produces a large amount of heat.
 When installing product near a wall or ceiling, make sure it has at least 10 cm (3-15/16 inches) of clearance on all sides (see figure below).



- Place the product on a flat surface. Do not lay the product on its back.
- Make sure that the ventilation holes on the back are not covered.

Do not install the product in the following places

- Places exposed to direct sunlight or hot air currents
- Places exposed to large amounts of humidity and/or dust
- Places with a lot of condensation, subject to extreme temperature variation, or with very high humidity
- Places with large amounts of steam or grease, such as kitchens
- Near speakers, TVs, magnets, and other strong magnetic sources
- Inclined surfaces
- Where there is a risk of damage from seawater or corrosive gases

Installation

Power specifications

 The charger uses AC 120 V (60 Hz) power. Connect the charger to an enough capacity power source.

Power

- The product does not have a power switch. Connect the power cord through a power breaking device in one of the following ways in order to be able to easily switch it off.
 - Install the product near the electric outlet or breaker, and connect by the power plug.
 - Connect the product to a breaker panel with at least 3.0 mm (1/8 inches) of space between contacts. Use a breaker which can cut off power from all poles except the protective ground connection.

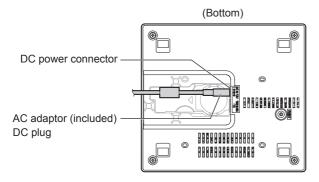
AC adaptor and power cord

- The included AC adaptor and power cord can only be used for this product. Do not use them on other products. Do not use AC adaptors or power cords from other products on this charger.
- Place the AC adaptor horizontally on a flat surface.

Connections

■ AC adaptor connection

1 Connect the DC plug on the DC cable of the AC adaptor to the DC power connector on the charger





- Insert the DC plug all the way inside the DC power connector.
- 2 Connect the included power cord to the AC adaptor, and insert the power plug into a power outlet

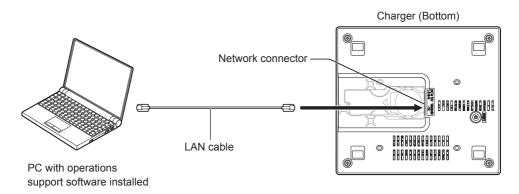


Insert the power cord all the way inside the inlet of the AC adaptor.

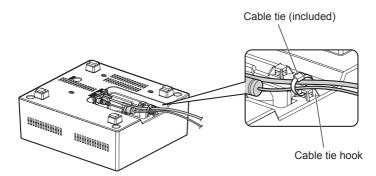
Connections

■ Connecting to a PC for configuration/maintenance

Connect the [100BASE-TX] connector on the charger to a PC with operations support software installed via a LAN cable Cat 5 (or Cat 5e or Cat 6) (locally procured). Refer to the operations support software manual for further details.



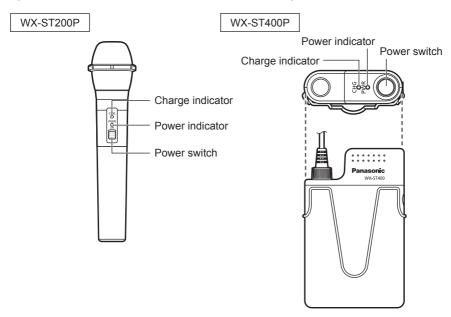
As shown in the diagram below, tie back the DC cable of the AC adaptor and the LAN
cable using the included cable tie that has been passed through the cable tie hook.

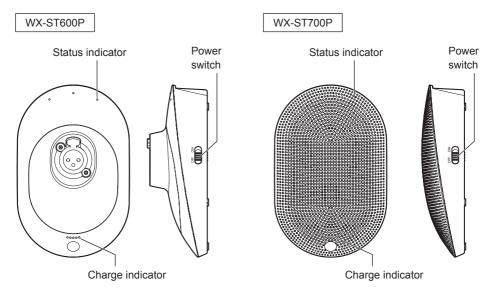


Charging

1 Turn OFF the microphone

Check that the power indicator* on the microphone is off. (* Status indicator on WX-ST600P and WX-ST700P)





Charging

2 Insert the microphone into the charger

Confirm that the [POWER] indicator on this product is on and then put the microphones into this product as shown in the diagrams on the following pages. The [CHARGE] indicators on this product and the charge indicators on the microphones light to indicate the charging status as follows when the microphones are put into this product.

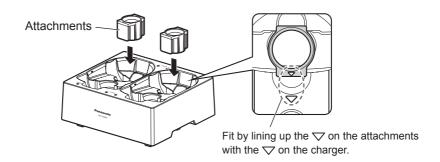
Charger [CHARGE] indicator	Microphone Charge indicator	Charging status
Lights orange	Lights red	Charging
Lights green	Off	Charging complete

The following statuses indicate charging errors. Follow the remedies in the following table.

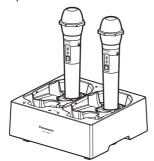
Charger [CHARGE] indicator	Microphone Charge indicator	Remedies
Off	Off	Either non-metallic obstructions are between the product and the microphone, or the microphone has not been put into this product correctly. Take the microphone out and check the charging ports, then put the microphone back in again.
Blinking red → Lights red	Off	There may be a metallic obstruction between the product and the microphone. Immediately remove the microphone and check the charging ports.
Blinking, alternating between red and green	Blinking red	Either dry-cell batteries or depleted rechargeable batteries have been inserted, or rechargeable batteries have not been inserted yet. Check the batteries. Battery temperature may have exceeded the allowable range. Check whether it is within the operating temperature range.

WX-ST200P

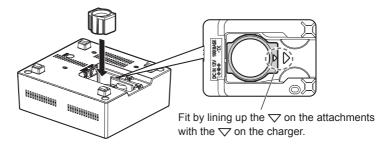
1) Insert the included attachments.



2 Insert the microphones.



• One of the attachments can be stored in the base of the charger.

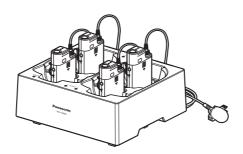




Two attachments are included. When charging 4 WX-ST200P with this
product, either contact the place of purchase or the contacts shown on
the front of the warranty.

Charging

WX-ST400P





- Take care not to tangle the lavalier microphones when charging WX-ST400P with this product.
- When taking WX-ST400P out of this product, do not pull on the cables of the lavalier microphones, but rather hold WX-ST400P and lift out. Pulling on the cables of the lavalier microphones can damage them.

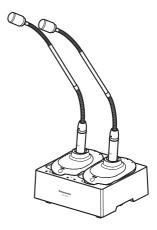
WX-ST600P

■ Laying down

- ① Check the facing and put into this product.
 - The [CHARGE 3] and [CHARGE 4] indicators light.

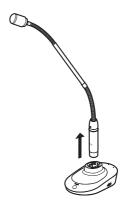


- You can recharge with the gooseneck microphones (sold separately) in place.
- Charging is not possible if attachments are in [CHARGE 3] and [CHARGE 4]. Remove the attachments to charge.

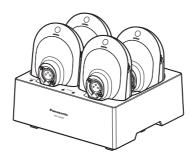


■ Standing

1) Remove the gooseneck microphones.



② Check the facing and put into this product.



Charging

WX-ST700P

■ Laying down

- ① Check the facing and put into this product.
 - The [CHARGE 3] and [CHARGE 4] indicators light.

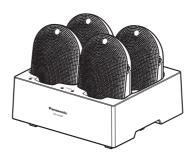




• Charging is not possible if attachments are in [CHARGE 3] and [CHARGE 4]. Remove the attachments to charge.

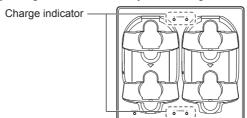
■ Standing

① Check the facing and put into this product.





- Also refer to the microphone manual.
- The microphone cannot be used while in charging.
- Microphones will not be charged if they are not correctly set on the charger.
- If the charger cannot directly contact the microphone because of an obstruction, the [CHARGE] indicator on the charger will either light red or blink red. Failing to remove the obstruction may cause overheating.
 Remove any foreign matter which may be causing the obstruction.



- Set the power switch on the microphone to OFF while charging. Even
 when you insert the microphone into the charger with the power switch in
 ON position, the microphone is automatically turned OFF and the battery
 will be charged. However, in such event, you still need to move the
 power switch to the OFF position. (This is because the battery power will
 be slightly consumed after charging when the switch is in ON position.)
- Hold the charger with your hand when removing a microphone from it.



- In order to avoid battery capacity reduction due to self-discharge, the charger will continue to pass minute current to the microphones even after the charge indicator on the microphone has gone off. The [CHARGE] indicator on the charger will not light up unless the charger itself is powered OFF and then ON again.
- If the charge indicator does not light up despite a microphone being inserted into the charger, confirm that all the links between charger, AC adaptor, power cable, and electric outlet are securely connected.
- The charging time depends on the type of rechargeable batteries used and the usage conditions, but WX-ST200P and WX-ST400P will take a maximum of about 8 hours and WX-ST600P and WX-ST700P will take a maximum of about 10 hours.
- Charging the batteries outside of their operating temperature range may substantially increase the amount of time required for charging.
 Even if the batteries are within their operating temperature range, charging while the microphone is very hot or cold may increase the amount of time required for charging.

Charging

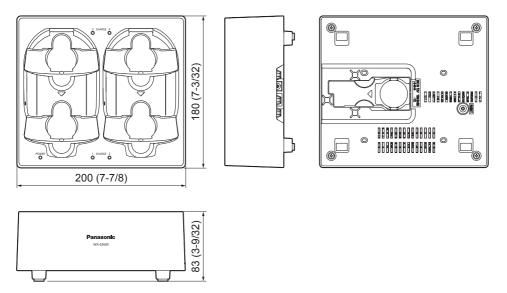


- Both the microphone and the charger heat up during charging, but this is not due to a malfunction.
- Do not try to charge already full batteries. Doing so will reduce the lifespan
 of the batteries.
- Some kinds of batteries may not be fully recharged in just one cycle and the runtime becomes small. This happens to the batteries which are being used for the first time, batteries which have not been used for a long (more than three months) time, and batteries which have been recharged and depleted numerous times. This phenomenon is characteristic of the rechargeable batteries. The battery runtime may be recovered to the normal level by completely charging and then depleting (by using the microphone) the batteries two or three times.
- The charger automatically recognizes the dry-cell battery inside the
 microphone to cancels charging, and then the charge indicator will blink.
 However, depending on the type of dry-cell battery, this automatic
 recognition may take some time and the [CHARGE] indicator stay lit until the
 recognition completes.
- Sometimes, when trying to recharge almost-full batteries at very low temperatures, these may be mistakenly recognized as non-rechargeable dry-cell batteries, and the charge indicator may start blinking.
- The microphones are charged through inductive charging. Because of inductive charging regulations, the power indicator* on the microphone may go off multiple times just before charging is completed, but this does not indicate a malfunction.
 - (* Status indicator on WX-ST600P and WX-ST700P)
- Sometimes, when trying to charge almost-empty batteries, these may be
 mistakenly recognized as dry-cell batteries, stopping the charging and
 making the charge indicator start blinking. If this happens, remove the
 microphone from the charger and re-insert it multiple times until the batteries
 are properly recognized. If the batteries cannot be recharged despite
 multiple attempts, it means that they are completely exhausted and need to
 be replaced.
- If, once charging is complete, the batteries in the microphone spontaneously drain, charging will not start again even if the microphone is still inserted into the charger.

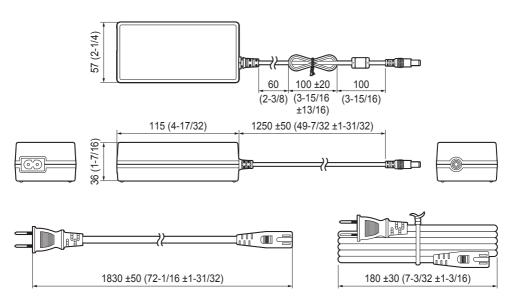
Dimensions

Unit: mm (inch)

WX-SZ600P



AC adaptor (included)



Troubleshooting

Please check the common problems listed in this table before seeking professional help.

If none of the tips provided here help, if you are dealing with a problem not listed here, or if you are otherwise uncertain, contact your retailer for more information.

Phenomenon	Cause/measure	Reference page
I cannot charge microphones (The [POWER] indicator	 Is the power plug properly inserted into a power outlet? → Make sure that it is properly connected. 	17
on the charger stays off)	 Is the power cord properly connected to the AC adaptor? → Make sure that it is properly connected. 	17
	 Is the DC plug on the AC adaptor properly connected to the DC power connector on the charger? → Make sure that it is properly connected. 	17
I cannot charge microphones (The charge indicator on the microphone stays off despite having inserted the microphone into the charger)	 Is the microphone properly inserted into the charger? → Make sure that it is inserted properly. 	19
I cannot charge microphones (The charge indicator on the microphone blinks despite having inserted the microphone into the charger)	The batteries inside the microphone may be dry-cell batteries or deteriorated rechargeable batteries. Make sure that the proper type of battery is inserted.	20
	Almost empty rechargeable batteries may be incorrectly detected as dry-cell batteries. If this happens, remove the microphone from the charger and re-insert it multiple times until the batteries are properly recognized.	26
	◆ Are the batteries extremely hot? ◆ Check the battery temperature.	20
	 Have you inserted rechargeable batteries into the microphone? → Make sure that you have inserted rechargeable batteries. 	_

Phenomenon	Cause/measure	Reference page
I cannot charge microphones (The [CHARGE] indicator on the charger blinks or stays on)	 A metal foreign object (eg: paper clip) may have accidentally entered the microphone charging port on the charger. → Make sure that there is no foreign object inside the microphone charging port. Remove any foreign matter which may be present. 	20

Specifications

Power		AC120 V 60 Hz	
		(Included original AC adaptor)	
Power consumption		14 W maximum	
Charging ports		Maximum of 4	
Charging time		Approx. 6 hours for WX-ST200P, WX-ST400P Approx. 10 hours for WX-ST600P, WX-ST700P (assuming external temperature of 25 °C (77 °F), Ni-MH AA-size battery BK-3MCCA)	
Display (indica	ators)	Power indicator [POWER] Charge indicators [CHARGE] (on either charging port)	
Network connector	Connector	RJ-45	
	Transmission method	100BASE-TX	
Operating temperature range		5 °C to 35 °C (41 °F to 95 °F)	
Operating humidity range		10 % to 90 % (no condensation)	
Dimensions	Charger	200 mm (W) x 83 mm (H) x 180 mm (D) (7-7/8 inches x 3-9/32 inches x 7-3/32 inches) (except protuberances)	
	AC adaptor	115 mm (W) x 36 mm (H) x 57 mm (D) (4-17/32 inches x 1-13/32 inches x 2-1/4 inches) (except DC cable and power cord)	
Mass	Charger	Approx. 720 g (1.59 lb) (except AC adaptor and power cord)	
	AC adaptor	Approx. 230 g (0.51 lb) (except power cord)	
Finish	Charger	Black finish	

Standard accessories

Warranty Card	
	•
Power cord	
Hand microphone attachment (for WX-ST200P)	
Cable tie	

Panasonic will not take responsibility for any accident or damage caused by using the product with methods or parts other than those specified in this manual. Damages hence suffered by the product will not be covered by the warranty.
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