SOUND PARTNER

MODEL

AN-SS2

OPERATION MANUAL

Bluetooth®

Qualcomm® aptX™
Low Latency

SHARP CORPORATION

Introduction

Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product. AN-SS2 consists of Sound Partner and Bluetooth Transmitter.

Special Notes

FCC Notice
Supplier's Declaration Of Conformity
SHARP SOUND PARTNER, MODEL AN-SS2
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.
Responsible Party:
MIZARI ENTERPRISES, INC.
5455 WILSHIRE BOULEVARD, SUITE 1410, LOS ANGELES, CA 90036
TEL: 1-800-BE-SHARP

NOTE
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

⌘ Reorient or relocate the receiving antenna.
⌘ Increase the separation between the equipment and receiver.
⌘ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
⌘ Consult the dealer or an experienced radio/TV technician for help.

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

Special Notes (continued)

FCC RF Radiation Exposure Statement
1. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

For Speaker:
2. For body worn operation, this device has been tested and meets FCC RF exposure guidelines. When used with an accessory that contains metal may not ensure compliance with FCC RF exposure guidelines.

IC Radiation Exposure Statement (For Users In Canada)
This Class B digital apparatus complies with Canadian ICES-003 and RSS-247.

This device complies with Innovation, Science and Economic Development Canada's license-exempt RSS standard(s).
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Caution: Exposure to Radio Frequency Radiation:
1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

For Speaker:
2. For body worn operation, this device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal. Use of other accessories may not ensure compliance with RF exposure guidelines.

Special Notes (continued)

Canada, Industry Canada (IC) Statement
Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-247.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. l'appareil ne doit pas produire de brouillage, et, and
2. l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Attention: exposition aux rayonnements radiofréquences:
1. Pour se conformer aux exigences de conformité RF canadienne l'exposition, cet appareil et son antenne ne doivent pas être co-localisés ou fonctionnant en conjonction avec une autre antenne ou transmetteur.

Pour le président:
2. Pour une utilisation sur le corps, cet appareil a été testé et respecte les directives sur l'exposition aux RF lorsqu'il est utilisé avec un accessoire sans métal. L'utilisation d'autres accessoires peut ne pas garantir la conformité aux directives d'exposition aux RF.

■ Additional Information

1. Radio frequency exposure
Sound Partner AN-SS2 is a radio transmitter and receiver. When in operation it communicates with a *Bluetooth*® equipped mobile device by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2.4 to 2.48 GHz. This product is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when using compatible mobile phone.

Special Notes (continued)

2. Battery information
- A rechargeable battery has a long service life if treated properly.
- A new battery or one that has not been used for a long period of time could have temperatures, never above 122°F (50°C) or below 14°F (-10°C).
- For maximum battery capacity, use the battery at room temperature.
- If the battery is used in low temperatures, the battery capacity will be reduced. The battery can only be charged in temperatures between 41°F (5°C) and 104°F (40°C).
- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

3. Removal of waste batteries and accumulators
(Product with embedded battery ONLY)
- In case this product contains a battery incorporated within the product which cannot be readily removed by end users, SHARP recommends that only qualified professionals remove the battery, either for replacement or for recycling at the end of this product's working life. To prevent damage to the product, and for their own safety, users should not attempt to remove the battery and should contact authorized independent service providers for advice or call 1-800-BE-SHARP.

CAUTION:
Internal lithium battery in the unit should not be replaced by end users due to danger of explosion if battery is incorrectly replaced and must be replaced with the exact type battery by authorized service providers.

Recycling lithium-ion batteries
Lithium-Ion batteries are recyclable.
You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.
For more information regarding recycling of rechargeable batteries, call toll free
1-800-822-8837, or visit http://www.call2recycle.org/
Caution: Do not handle damaged or leaking Lithium-Ion batteries.

Special Notes (continued)

Avoiding hearing damage

If volume on the headset is too high, permanent hearing loss may occur. Please set the volume to a safe level. You can become habitual to hear at high volume that may sound normal but can damage your ears. If you experience ringing in your ears or muffled speech, stop listening and have your ears checked by the specialist doctor. The louder the volume, the more quickly the hearing can be damaged.

Hearing experts suggest how to protect your hearing
• Limit the amount of time you use the headset at high volume.
• Avoid the habit of increasing the volume so that you do not hear the loud noises around you.
• Turn the volume down if you cannot hear people speaking around you.
  For setting the maximum volume limit of the connection device, refer to the instruction manual supplied with the connection device.
  Class B equipment (home-use broadcasting communication equipment):
  This equipment is intended for home-use (Class B) electromagnetic compatibility equipment and can be used in all areas.

FOR YOUR RECORDS

For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located on the unit. Please retain this information.

Model number	....
Serial number	....
Date of purchase	....
Place of purchase	....

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IMPORTANT SAFETY INSTRUCTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential gander, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of this product, please read the following precautions carefully before use.

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.
7) 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) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) 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.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) 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.
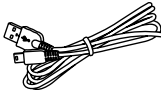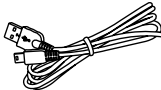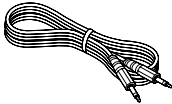
Additional Safety Information
15) Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For product intended to operate from battery power, or other sources, refer to the operating instructions.
16) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

IMPORTANT SAFETY INSTRUCTIONS (continued)

17) Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock

   To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

18) Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   a. When the AC cord or plug is damaged,

   b. If liquid has been spilled, or objects have fallen into the product.

   c. If the product has been exposed to rain or water

   d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,

   e. If the product has been dropped or damaged in any way, and

   f. When the product exhibits a distinct change in performance - this indicates a need for service.

19) Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20) Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

21) Wall or ceiling mounting - When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

22) Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

23) Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

24) Stand - Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.

Accessories

The following accessories are included.

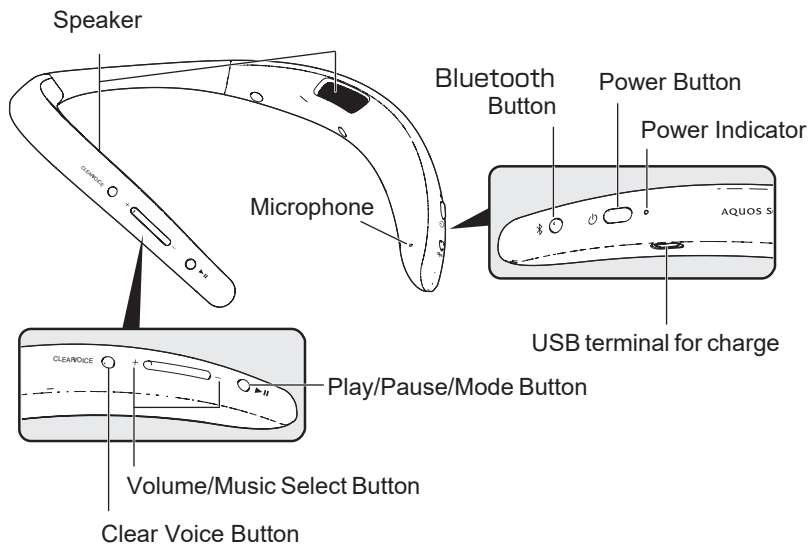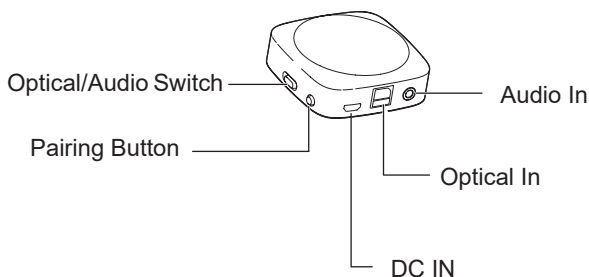|		
Bluetooth Transmitter x 1 (AN-WD3)	Micro USB Charging Cable x 1 (approx. 30 cm)	Micro USB Charging Cable x 1 (approx. 1 m)
Audio Cable x 1		

Precautions

■ General

⌘ Do not drop the product from a high place.

⌘ Do not place anything heavy on the unit.

⌘ Do not replace the battery, the unit may explode.

⌘ This device is not a medical device.

⌘ If you have a medical device implanted, contact your doctor before using this unit.

⌘ Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic / electrical equipment which generate electrical noise.

⌘ **Do not expose the unit to moisture, to higher temperatures or to extremely low temperatures.**

⌘ Do not repair or disassemble the unit. Refer internal service to your local SHARP service facility.

⌘ No naked flame sources, such lighted candles, should be placed on the apparatus.

⌘ Make sure that an infant or a child does not swallow a small components of the product.

⌘ If the unit is exposed to a large amount of sweat, wipe the product clean.

⌘ The apparatus is designed for use in moderate climates.

⌘ Attention should be drawn to the environmental aspects of battery disposal.

⌘ The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.

⌘ To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No object filled with liquids, such as vases, shall be placed on the apparatus.
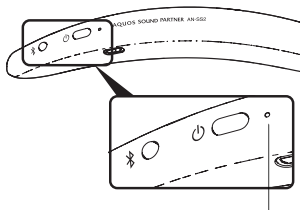
Controls and indicators

Speaker

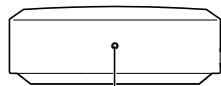Bluetooth Button

Power Button

Power Indicator

Microphone

USB terminal for charge

Play/Pause/Mode Button

Volume/Music Select Button

Clear Voice Button

■ *Bluetooth* **Transmitter**

Optical/Audio Switch

Audio In

Pairing Button

Optical In

DC IN

Bluetooth transmitter
Indicator

Power Indicator

■ Sound partner indicator status

Status	Power indicator (Blue/Purple/Red)
Power Off	Turns off.
Battery status	When the power is turned on, the power indicator blinks three times according to the battery status. ⌘Blue : approximately 70% charge ⌘Purple : approximately 70% - 20% charge ⌘Red : approximately 20% remaining
During pairing	Blinks in purple once in every seconds.
Unconnected	Blinks in blue twice in about 5 seconds
Connected	Blinks in blue once every 5 seconds
Clear voice	ON : blinks in purple once OFF : blinks in purple twice
Charging	Blinks once every seconds.(The power indicator color changes according to the remaining battery charge)
Fully charged	Turns off.

■ *Bluetooth* transmitter indicator status

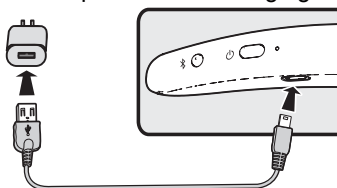| Status	Power indicator (Blue)
Connected	Blinks once every 5 seconds
Unconnected	Blinks twice in about 5 seconds.
No power source	Turns off.
During pairing	Blinks once in every seconds.
Successful pairing	Lights up for about 3 seconds.

Charging the Sound Partner
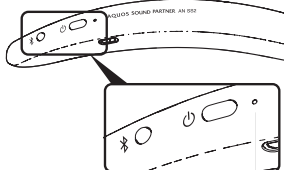
■ Charging the battery

1. Open the micro USB charging terminal cover and then connect the micro USB charging cable.
2. Plug the other end of micro USB charging cable into a computer or USB AC adaptor (5V, 1A) that is powered on.

Note: The sound partner does not operate while charging.

To computer or
USB AC adaptor
(commercially
available)

Charging Indication:

| Power Indicator	Blinks in red	Blinks in purple	Blinks in purple
Battery status	20% remaining	20% - 70 %	approximately 70%

Cautions:
⌘ For safety of the built-in battery, the function to stop charging works depending on the ambient temperature. Charge the battery at room temperature 5 ° C or above.
⌘ At extremely high or low temperatures, the battery may not be fully charged.
⌘ To maintain functionality, the device needs to be charged at least once every six months.
⌘ Battery of the device has limited life, as with any other rechargeable batteries.
⌘ Capacity may gradually be decreased over time of which extent may vary depending on the conditions of use and external environment.
⌘ There are multiple factors such as volume level, external environment etc that may affect the time of device power turning off, other than the percentage of battery left.
⌘ Use this product only with an agency approved power supply which meets local regulatory requirements.
⌘ The equipment shall be connected only to a power supply with limited power source.

Bluetooth transmitter connections to TVs

■ Supplying power to the *Bluetooth* transmitter

If you attach the included *Bluetooth* transmitter to your TV, you can enjoy the sound of the TV with your sound partner.

⌘ Power supply can be obtained from USB AC adaptor or TV/ monitor using micro USB charging cable.

USB AC adaptor (commercially available)
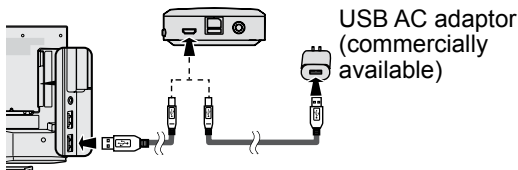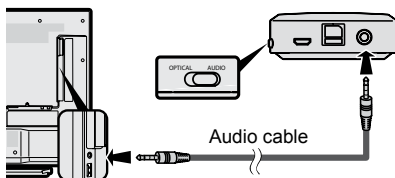
■ *Bluetooth* transmitter connections

Caution:
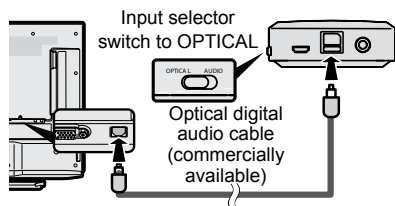Turn off all other equipment before making any connections.
Notes:
⌘ Refer the operation manual of the equipment to be connected.
⌘ Fully insert the plugs to avoid noises.

Audio cable connection:

Audio cable

Optical cable connection:

Input selector switch to OPTICAL

Optical digital audio cable (commercially available)

⌘ If the TV/monitor does not have the optical output connect it to the headphone socket.
⌘ If you want to hear sound from both the television speaker and the sound partner, see the instruction manual for the television.Some TVs may not be able to output audio from both.
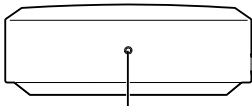
Connecting with *Bluetooth* transmitter (pairing)

■ Pairing with *Bluetooth* transmitter

1. Connect the *Bluetooth* transmitter to a TV etc. Set the "input select" switch to the connected audio cable or optical cable.
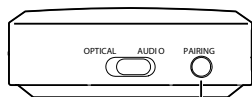
Pairing Button

2. Press and hold the PAIRING button on the *Bluetooth* transmitter for about 2 seconds. *Bluetooth* transmitter indicator blinks blue.

Bluetooth transmitter Indicator

3. Press and hold the POWER button on the sound partner for about 2 seconds to turn it on.

   ⌘ When pairing is completed, you can hear the sound "CONNECTED" from sound partner.

   ⌘ If you cannot pair automatically, please keep pressing the "*Bluetooth*" button of the sound partner for about 2 seconds.

Notes:

   ⌘ The *Bluetooth* transmitter is only for the sound partner (AN-SS2). It cannot connect to other devices.

   ⌘ If the connection between the supplied *Bluetooth* transmitter and the sound partner does not work well, press and hold the *Bluetooth* transmitter PAIRING button for about 10 seconds to reset, and try again.

Indicator status:

Status	Status indicator (Blue)
During pairing	Blinks once in every seconds.
Successful pairing	Lights up for about 3 seconds.
Connected	Blinks once every 5 seconds.
Unconnected	Blinks twice every 5 seconds.

Listening to the TV sound

1. Connect the paired *Bluetooth* transmitter to the TV
2. Set the *Bluetooth* transmitter's input selector switch to the connected audio cable or optical cable.
3. Turn on the TV and hold the POWER button on the sound partner's for 2 seconds to turn it on.

If the sound partner does not connect, make the connection again follow the procedure on page 11.

■ Volume control

Press the + button to increase the volume and press the − button to decrease the volume.

– When the volume level is set to maximum the voice prompts will be notified.
– The volume does not change when press quickly and continuously.

Volume / Song Selection Button
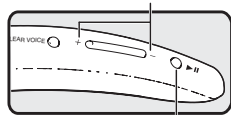
Play / Pause / MODE Button

■ Muting

The volume is muted temporarily when pressing the ▶ ‖ button.
Press again to restore the volume.

Notes:
⌘ When you are listening to audio by connecting an audio cable to the headphone socket, the sound of the TV may be lower even if you increase the volume of the sound partner unit, please increase the headphone volume on the TV.
  – If you want to output audio from both the TV speakers and the sound partner, please refer to the TV instruction manual.
  – If the product does not output audio from the TV's speaker with the audio cable connected, disconnect the audio cable from the headphone socket before listening to audio using the TV's speaker.
⌘ Two sound partner units can be connected to one supplied *Bluetooth* transmitter. If you want to connect a second device, turn off the power of the first sound partner, and then hold the *Bluetooth* transmitter's PAIRING button for about 2 seconds to pair it. Turn on the second sound partner unit and hold the "*Bluetooth*" button for about 2 seconds. When the second pairing is complete, please power on the first sound partner.

Listening to *Bluetooth* enabled devices

Bluetooth wireless technology is a short-range radio technology that enables wireless communication between various types of digital devices, such as mobile phone or computer. It operates within a range of about 10 meters (30 feet) without the hassle of having to use cables to connect these devices.

AN-SS2 supports the following:
Communication System: *Bluetooth* Specification version 5.0.
Supported Profiles: HSP (Headset Profile), HFP (Hands-free Profile), A2DP (Advance Audio Distribution Profile), and AVRCP (Audio/Video Remote Control Profile)

Qualcomm® aptX™ audio
Qualcomm® aptX™ audio is a *Bluetooth* wireless technology that prevents loss of sound and provides CD-quality audio. You can enjoy clear audio sound when listening to music and watching movies. Qualcomm® aptX™ audio works automatically only on the phones or the audio devices that support Qualcomm® aptX™ audio.

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Notes when using unit with a mobile phone
⌘ Please refer to the operating manual supplied with the mobile phone for details on operation of your mobile phone while transmitting the sound using a *Bluetooth* connection.

Bluetooth devices need to be initially paired first before they can exchange data. This unit can memorise up to a maximum of 8 devices. Once paired, it is not necessary to pair them again unless:

⌘ pairing is made with more than 8 devices. Pairing can only be made one device at a time. If subsequent device is paired, the oldest device paired will be deleted and replaced with the new one.

# Listening to *Bluetooth* enabled devices (continued)

■ **Pairing *Bluetooth* devices**

1. Press the POWER button to turn on the sound partner.

2. Press and hold the *Bluetooth* button for about 2 seconds.
   The power indicator is turned on and blinks in blue.
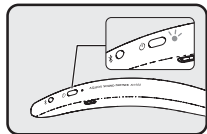
3. Perform pairing procedure on the source device to detect this sound partner. "AN-SS2 SHARP" will appear in the detected devices list (if available) in the source device. (Refer the source device operating manual for details).

4. When pairing is completed the voice prompts will be notified.
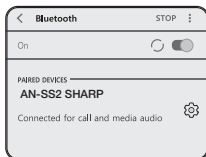
Notes:

⌘ To pair with other device, repeat steps 1-4 for each device.

   During pairing mode the power indicator turns purple.

⌘ Due to the security feature of the *Bluetooth* device, some devices may not be able to be paired.

⌘ Make the *Bluetooth* connection again if the source device is not turned on, or its *Bluetooth* functionality is off or is in sleep mode.

⌘ Once a device is ousted or deleted from the pairing list, the pairing information for the device is also deleted. To listen to the sound from the device again, it needs to be re-paired. Perform steps 1-4 to pair the device again.

⌘ This sound partner can be paired to a maximum of 8 devices. If subsequent device is paired, the oldest device paired, will be deleted and replaced with the new one.

# Listening to *Bluetooth* enabled devices (continued)

■ Listening to the sound

Check that:
⌘ The source device *Bluetooth* functionality is ON.
⌘ Pairing of this sound partner and the source device is completed.
⌘ The transmission distance of the wireless signal between the device and the sound partner is about 10 meters (30 feet).
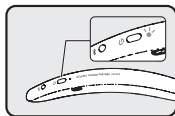
1. Press the POWER button to turn on the sound partner.
   During connecting the power indicator blinks in blue.
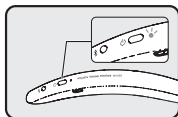
2. Sound partner is in connected mode.
   When connected the *power* indicator will blinking once every 5 seconds.

3. Press the ▶ ❚❚ button on the source device to start *Bluetooth* streaming playback.
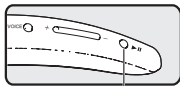
Play / Pause / MODE Button

Function	Operation
Volume up	Press the ⊕ button.
Volume down	Press the ⊖ button.
Reverse	Press and hold the ⊖ button for about 2 seconds.
Skip up	Press and hold the ⊕ button for about 2 seconds.

Listening to *Bluetooth* enabled devices (continued)

■ **About playback operation**

Function	Operation
Play/Pause or mute	Press the ▶ ‖ button.
Volume up	Press the ⊕ button.
Volume down	Press the ⊖ button.
Reverse	Press and hold the ⊖ button for about 2 seconds.
Skip Up	Press and hold the ⊕ button for about 2 seconds.
CLEAR VOICE on/off	Press the CLEAR VOICE button to switch to On/Off the function. (It's a mode to listen to the voice of a person with a clear voice)
Enable *Bluetooth* device Voice Control	Press *Bluetooth* button. ⌘ You can access voice controls on mobile devices to make calls, play music, ask for weather, check sports scores, etc. ⌘ This function does not work when the mobile device is not compatible.
Switching a paired device	Press and hold the Bluetooth and ▶ ‖ for about 5 seconds. Pairing will be canceled for 10 seconds, so please pair with the device you want to switch to in the meantime.

⌘ Voice Control supports looge Assistant / Siri. Other applications are not supported.

Notes:
Some *Bluetooth* devices may not be able to perform the above operations, such as limited playback operations.

Call functions

You can receive a call through this sound partner when
it is connected to a mobile device such as a smartphone via *Bluetooth* .

■ **About call operation**

| Function	Operation
Answer a call	Press the ▶ ‖ button.
End a call	Press and hold the ▶ ‖ button for about 2 seconds.
Switch voice to smartphone	Press and hold the ⊕ button for about 2 seconds. ⌘ Press and hold the ⊕ button for about 2 seconds again to switch the sound to sound partner.
Mute a call	Press and hold the ⊖ button for about 2 seconds.
Unmute a call	Press and hold the ⊖ button for about 2 seconds.
Decline an incoming call	Press and hold the ▶ ‖ button for about 2 seconds.

Note:
Some mobile devices do not support the Call Function feature.
Thus, this operation may not work.

■ **Disable or change language of voice prompts**

The sound partner performs voice prompts according to the operation.
If you want to disable or change language of voice prompts, use the
following procedure.

Press and hold the CLEAR VOICE button and ▶ ‖ button simultaneously
for about 5 seconds.

Japanese ⟶ English ⟶ Chinese ⟶ Off
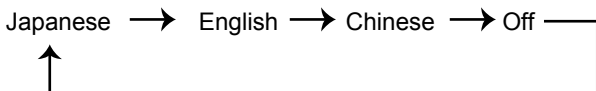
Troubleshooting

Many potential problems can be resolved by the owner without calling a service technician.
If something is wrong with this product, check the following before calling your authorised SHARP dealer or service center.

Symptom	Possible cause
No sound is heard.	⌘ The volume level set to minimum. ⌘ Are the connections made correctly. ⌘ Is the input selector switch properly switched?. ⌘ Is the volume of the source device set to "0". ⌘ Is the connected device powered on?. ⌘ Is the connected device properly connected to this unit? ⌘ Is the pairing information for the device you want to use by pairing another *Bluetooth* device deleted? Please try pairing again. ⌘ Is it set to output audio from another *Bluetooth* device, such as when two units are connected simultaneously? Press and hold the ▶ ‖ ⌘ button for about 2 seconds to switch the device ⌘ Is the distance between this unit and the *Bluetooth* device too long? ⌘ Is the *Bluetooth* setting of the connected device turned off?
Sound is heard from one side only.	⌘ The audio cable may not be connected correctly. Insert the cable plug all the way into the terminals of the *Bluetooth* transmitter and TV ⌘ Is the audio cable using a 3.5 mm / 3 pole type?
The button did not work properly while pressing	⌘ Turn off the power of this unit and then turn it on again.
The power is not turned on	⌘ Charging may be low. Charge using the supplied or commercially available micro USB cable. ⌘ If the battery does not turn on after charging, or if it turns off immediately, the battery may be exhausted.
Poor sound quality	⌘ The unit is too near to a device that generates electromagnetic radiation. ⌘ There is an obstacle between the unit and the *Bluetooth* stereo audio source device ⌘ Is the volume to high, please lower the volume.
Power Off without notice	⌘ Is the sound partner no sound ⌘ If the temperature of the environment you are using is high, the power is turned off for safety. Please use within the operating temperature range.

Specifications

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual unit.

■ sound partner

Music playback time	Approx. 16 hours (*1)
Battery charge time	Approx. 2 hours 30 minutes (*1)
Dimension	Width : 184mm, Depth: 185mm, Height: 18mm
Weight	88g
Terminal	Micro USB
***Bluetooth* Frequency band**	2.402GHz - 2.480GHz
Compatible *Bluetooth* Profile	*Bluetooth* 5.0 (HSP / HFP / A2DP / AVRCP)
Maximum communication range	Line of sight approx. 10 m (30 ')
Supported content protection method	SCMS-T
Supported coded	SBC /AAC / Qualcomm aptX / Qualcomm aptX Low Latency
Operating temperature	0°C - 40°C

(*1) The time may vary depending on the ambient temperature and the conditions used.

■ *Bluetooth* transmitter

Dimension	Width: 60mm, Depth: 60mm, Height: 22mm
Weight	40g
Terminal	Micro USB, Optical digital input, Audio Input
***Bluetooth* Frequency band**	2.402GHz - 2.480 GHz
Compatible *Bluetooth* Profile	*Bluetooth* 5.0 (A2DP)
Maximum communication range	Line of sight approx. 10 m (30 ')
Supported coded	SBC / Qualcomm aptX / Qualcomm aptX Low Latency
Operating temperature	0°C - 40°C
Number of simultaneous connections	Up to 2 sound partners per *Bluetooth* transmitter (*2)

(*2) Qualcomm aptX Low Latency is not supported when two units are connected simultaneously.

Listening to *Bluetooth* enabled devices (continued)

Notes:
- ⌘ If a device such as microwave oven, wireless LAN card, *Bluetooth* device or any other device that uses the same 2.4 GHz frequency is placed near the system, some sound interruption may be heard.
- ⌘ The transmission distance of the wireless signal between the device and the unit is about 10 meters (33 feet), but may vary depending on your operating environment.
- ⌘ If a steel concrete or metallic wall is between the device and the unit, the system may not operate at all, because the wireless signal cannot penetrate metal.
- ⌘ If this unit or the source device is turned off before *Bluetooth* connection is completed, pairing will not be completed and the pairing information will not be memorised. Start pairing again.
- ⌘ To pair with other devices, repeat steps 1 - 4 for each device. This unit can memorise up to a maximum of 8 devices. If subsequent device is paired, the oldest device paired will be deleted.
- ⌘ Once a device is ousted or deleted from the pairing list, the pairing information for the device is also deleted. To listen to the sound from the device again, it needs to be re-paired. Perform steps 1 - 4 to pair the device again.