

Fully charged Turns off.

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Bluetooth transmitter indicator status (AN-SS2 only)

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

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-When the battery is about 20% or less the voice prompt "BATTERY LOW" is heard.

temperature. Charge the battery at room temperature 5° C or above. • At extremely high or low temperatures, the battery may not be fully charged.

of device power turning off, other than the percentage of battery left.

When charging, the power indicator takes some time to indicate the actual battery statu.

• 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.

• The equipment shall be connected only to a power supply with limited power source

• For safety of the built-in battery, the function to stop charging works depending on the ambient

• Capacity may gradually be decreased over time of which extent may vary depending on the

• There are multiple factors such as volume level, external environment etc that may affect the time

• Use this product only with an agency approved power supply which meets local regulatory

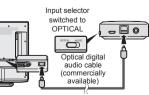
• If the TV/monitor does not have the optical output, connect it to the headphone socket. • If you want to hear sound from both the television speaker and the sound partner, see the instruction manual for the television. Some TVs may not be able to output audio from both.

conditions of use and external environment.

Cautions:

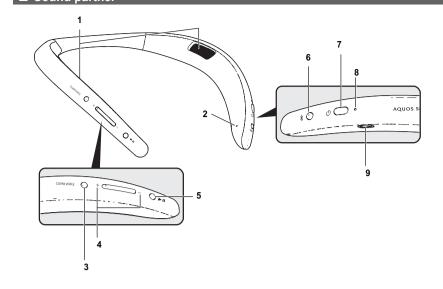
requirements.

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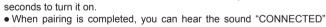
- 1. Speakers
- 2. Microphone 3. Clear Voice Button
- 4. Volume Up/Down/Skip Up/Reverse Button
- 5. Play/Pause, Function Button
- 6. Bluetooth Button 7. Power Button
- 8. Power Indicator
- 9. Micro USB Charging Terminal
- Bluetooth Transmitter (AN-SS2 only) 1 Optical/Audio Switch

- 2. Pairing Button 3. DC IN Socket
- 4. Optical In Socket 5. Audio In Socket

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Connecting with *Bluetooth* transmitter (pairing) (AN-SS2 only)

- Pairing with Bluetooth transmit
- 1. Connect the Bluetooth transmitter to a TV etc. Set the "input select" switch to the connected audio cable or optical cable
- 2. Press and hold the PAIRING button on the *Bluetooth* transmitter for about 2 seconds. Bluetooth transmitter indicator blinks blue.
- 3. Press and hold the POWER button on the sound partner for about 2



- 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
- Two sound partner units can be connected to one supplied Bluetooth transmitter. If you want to connect to the second sound partner, turn off the power of the first sound partner, and then hold the Bluetooth transmitter's PAIRING button for about 2 seconds to pair with the second sound partner. 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. Once the sound partners are turned off, to listen again from both units simply turn them on.

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.		

OPTICAL AUDIO PAIRING

Pairing Button

Bluetooth

transmitter

Indicator

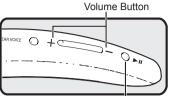
Listening to the TV sound (AN-SS2 only)

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 following the procedure on page 7.

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 or minimum

- the beep sound will be heard. - The volume does not change when the buttons are
- pressed quickly and continuously or held.



▶ || Play/Pause Button

Muting

Press again to restore the volume.

The volume is muted temporarily when pressing the \mathbf{P} || button.

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.

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Troubleshooting

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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 <i>Bluetooth</i> device deleted? Please try pairing again. Is the distance between this unit and the <i>Bluetooth</i> device too long? Is the <i>Bluetooth</i> 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 <i>Bluetooth</i> transmitter and TV Is the audio cable using a 3.5 mm / 3 pole type? 				
The unit does not respond.	 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 micro USB cable. If the battery does not turn on after charging, or if it turns off immediately, the battery may be exhausted. 				
The howling sound during call	• Is the sound partner too near to the device used to make the call? Lower the unit's volume or move it away.				
Poor sound quality	 The unit is too near to a device that generates electromagnetic radiation. There is an obstacle between the unit and the <i>Bluetooth</i> stereo audio source device Is the volume to high, please lower the volume. 				
Power Off without notice	 The sound partner will automatically power off if there is no sound for a while. When charging is slow, the power will automatically drop. Use the supplied micro USB cable to charge. 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. 				

Listening to Bluetooth enabled devices

Bluetooth

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 (32 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. • Qualcomm aptX and Qualcomm cVc are products of Qualcomm Technologies, Inc. and/or its subsidiaries.
- Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX and cVc are trademarks of Qualcomm Technologies International, Ltd., registered in the United States and other countries.

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.

Pairing Bluetooth devices

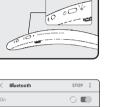
- 1. Press the POWER button to turn on the sound partner.
- 2. Press and hold the *Bluetooth* button for about 2 seconds.
- Bluetooth indicator blinks quickly. The sound partner is now in pairing mode
- and is ready to be paired with other Bluetooth source device 3. Perform pairing procedure on the source 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 AN-SS2 SHARP 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
- 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.

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Specifications



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Enable <i>Bluetooth</i> device Voice Control	 Press Blu You can play mu This fu compat
Switching a paired device	Press and Pairing w switch to

Notes:

operations.

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.

Approx. 16 hours (*1)			
Approx. 2 hours 30 minutes (*1)			
Width : 184mm, Depth: 185mm, Height: 18mm			
88g			
Micro USB			
2.402GHz - 2.480GHz			
Bluetooth 5.0 (HSP / HFP / A2DP / AVRCP)			
Line of sight approx. 10 m (32')			
SCMS-T			
SBC /MPEG-2 AAC / Qualcomm aptX / Qualcomm aptX Low Latency			
1.4W (0.7W + 0.7W) (10% T.H.D.)			
0°C - 40°C			

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

■ <i>Bluetooth</i> transmitter (AN-SS2 only)			
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 <i>Bluetooth</i> Profile	Bluetooth 5.0 (A2DP)		
Maximum communication range	Line of sight approx. 10 m (32')		
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 <i>Bluetooth</i> transmitter (*2)		

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

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- but may vary depending on your operating environment.
- because the wireless signal cannot penetrate metal.

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 (32 feet).

1. Press the POWER button to turn on the sound partner. During connecting the power indicator blinks in blue. 2. When connected the Bluetooth indicator will blinking once every 5 seconds.

3. Press the I button on the source device to start Bluetooth streaming Playback.

About playback operation

Function

Play/Pause

Volume up

Reverse

Skip Up

Volume down

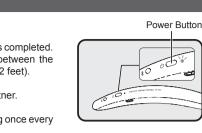
CLEAR VOICE on/off

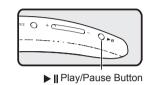
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Listening to Bluetooth enabled devices (continued)

• 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 (32 feet),

• If a steel concrete or metallic wall is between the device and the unit, the system may not operate at all,





eration
Operation
Press the I button.
Press the + button.
Press the – button.
Press and hold the – button for about 2 seconds.
Press and hold the + button for about 2 seconds.
Press the CLEAR VOICE button to switch to On (beep sound once)/ Off (beep sound twice) the function. (It's is a mode to listen to the voice of a person more clearly)
 Press <i>Bluetooth</i> 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.
Press and hold the <i>Bluetooth</i> and \blacktriangleright for about 5 seconds. Pairing will be canceled, so please pair with the device you want to switch to in the meantime.

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

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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 I button.		
End a call	Press and hold the ▶ II 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 ► II 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 guidance 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 2 seconds.

English	\rightarrow	Chinese	\rightarrow	Off	\rightarrow	Japanese	
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