

Pioneer

SE-MS9BN

WIRELESS STEREO HEADPHONES



Qualcomm[®]
aptX[™]



Operating Instructions

Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly.



Download the Pioneer Headphones APP for setup.



Main Features

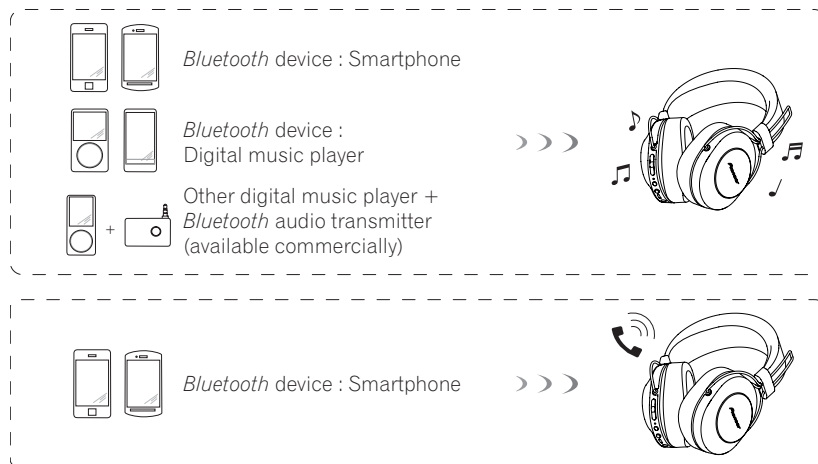
Wireless music enjoyment

- Wireless music enjoyment on *Bluetooth* devices (smart phones and other cell phones, digital music players, etc.) *1
For operating details consult the user's manual for the device to be connected.
- Allows control of play, stop, forward and reverse selection. *2

Hands-free communication

- Hands-free communication is possible even with the *Bluetooth* telephone placed in your bag or briefcase. *3

- *1 The corresponding *Bluetooth* device must support the A2DP profile.
*2 The corresponding *Bluetooth* device must support the AVRCP profile. Also, remote control operation cannot be guaranteed for all devices.
*3 The corresponding *Bluetooth* device must support the HSP or HFP profile.



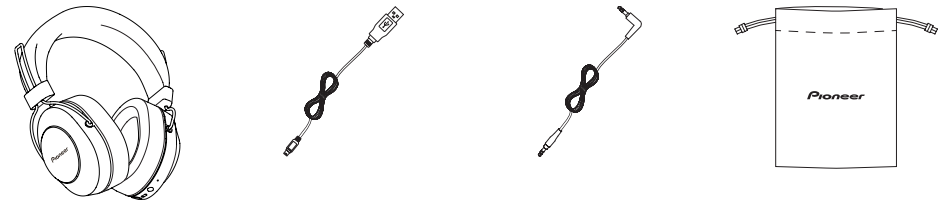
Glossary

- A2DP : High-quality musical contents transmission profile
HSP : Communication/cell-phone operation profile
HFP : Hands-free communication/cell-phone operation profile
AVRCP : AV components remote control profile
NFC : Advanced technology for short-range communication between electronic devices

1. Set Contents

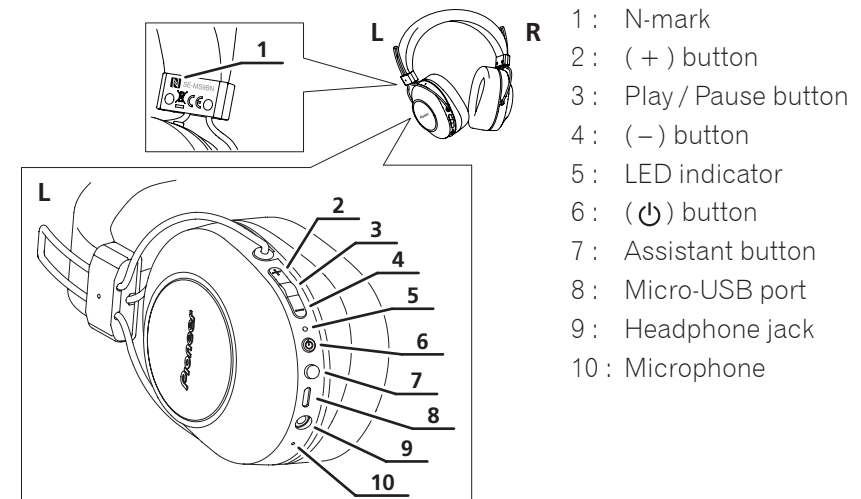
Confirm the presence of all parts and components before use.

- 1 : Headphones 2 : Micro-USB cable 3 : Headphone cord 4 : Carrying pouch



- 5 : Warranty (U.S.A. and Canada / Japan)
6 : Quick Start Guide
7 : Safety Guide

2. Names of Parts

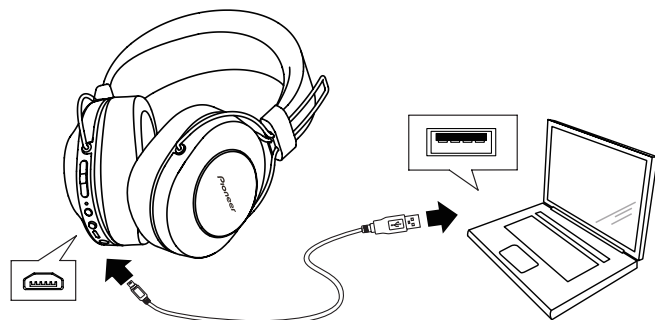


- 1 : N-mark
2 : (+) button
3 : Play / Pause button
4 : (-) button
5 : LED indicator
6 : (⏻) button
7 : Assistant button
8 : Micro-USB port
9 : Headphone jack
10 : Microphone

3. Charging the batteries

The unit's battery must be recharged before use.
The accessory micro-USB cable must be used for recharging the unit's battery.

Connect the appropriate connector on the accessory micro-USB cable to the micro-USB port on the headphones, and the USB plug on the other end to a USB port on a computer.



- When recharging begins, the LED indicator on the headphones will light red.
- If recharging is performed with the unit's power turned ON, the power will automatically turn OFF. The unit cannot be used during recharging.
- Full recharging requires about 4 hours; when recharging is completed, the LED indicator will turn off.
- With a full battery charge, the maximum continuous usable time is about 27 hours (NC OFF).
- When the rechargeable battery's power become low, a beeping sound can be heard from the unit once every 3 minutes, and the LED indicator flashes red. In this case, recharge the battery before using the unit.

Note

- Battery recharging time and usable battery time may vary depending on ambient temperature and frequency of use.
- Do not place metal objects near the headphones' charging contacts, since dangerous electrical shorts or abnormal heating may result.

Notes on battery charging

- This device cannot be used during charging.
- Battery performance is influenced by the surrounding temperature. Charge the supplied rechargeable batteries within a temperature range of 10 to 35 degrees celcius.
- Do not overcharge batteries. In order to protect batteries, do not repeatedly charge the batteries that are already fully charged.
- Batteries become slightly warm when charging. This is not a malfunction.
- Please use the accessory micro-USB cable for recharging; using other cables may result in malfunction.
- Recharging may not be possible if computer is in power-saving mode.
- Always confirm the proper shape and orientation of the micro-USB cable plugs before attempting to connect to the headphones and computer.
- Do not use micro-USB cables when tightly twisted or bundled, since fire or electric shock might result.
- If you do not plan to use this product for an extended period, avoid storing it in a hot or humid location (such as in a vehicle or in direct sunlight). Storage in such locations may degrade the rechargeable battery and shorten the usable time.
- If you do not plan to use this product for an extended period, charge it for approximately one hour before storing it. Long periods of storage with a full battery or without any charge may degrade the rechargeable battery and shorten the usable time.

4. Pairing

Pairing must be performed before the headphones can be used to listen to music or communicate using a *Bluetooth* device.
For further details regarding the pairing procedure, consult the user's manual for your *Bluetooth* device.

(1) While the power of the unit is off, hold down the (⏻) button until the unit enters pairing mode.

- The pairing mode is confirmed by the LED indicator's alternately flashing blue and red.

Release the (⏻) button after confirming that the LED indicator is alternately lighting blue and red.

- When in the pairing mode, if pairing is not completed within about 5 minutes, the power will automatically turn off.

(2) Turn on the power to the *Bluetooth* device you wish to pair with, and begin pairing; search for this unit (wireless headphones) from the paired *Bluetooth* device.

- Set the *Bluetooth* device close (within one meter) to the wireless headphones.
- These wireless headphones will appear in the *Bluetooth* device's display as "SE-MS9BN".

(3) Confirm that pairing has been successfully completed with the *Bluetooth* device.

- Look at the display for the *Bluetooth*-enabled device and select "SE-MS9BN".
- When the LED lamp is flashing in blue slowly about once every 3 seconds, pairing is complete. When it is flashing quickly about once every second, pairing is not complete.
- The PIN code for these wireless headphones has been factory set at "0000".
Input this code if requested by the *Bluetooth* device.

Connect to the *Bluetooth* device

- Confirm that the power to the wireless headphones is ON before connecting to the *Bluetooth* device.
- Depending on the device, connection between the wireless headphones and *Bluetooth* device may be effected automatically after pairing.

Disconnecting from the *Bluetooth* device

- Hold down the (⏻) button until the flashing LED lamp turns off and the power of the device turns off.

Note

- Depending on the device connected, the A2DP profile may need to be designated when playing music, and the HFP or HSP profiles for hands-free communication.
- For details regarding operating and setting methods, consult the user's manual for the *Bluetooth* device.
- When a connection with the device becomes no longer possible, perform pairing again.
- These wireless headphones can record pairing information for up to 8 *Bluetooth* devices. If pairing is performed for a ninth device, the information for the first paired device will be overwritten and lost. If you wish to reconnect to that device on a subsequent occasions, it will be necessary to repeat pairing with that device.
- Whenever using a device with which pairing has been performed, first turn on the power to the wireless headphones, then perform the connection operation for the paired *Bluetooth* device.

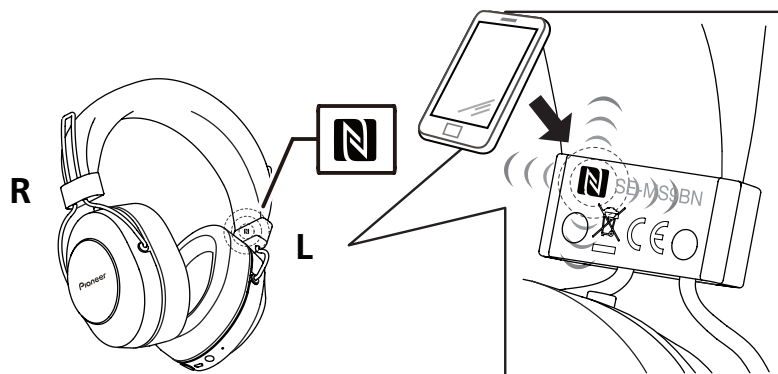
5. Using NFC for pairing

When a smart phone or tablet device is equipped with NFC, *Bluetooth* pairing (and depairing) can be performed simply by merely swiping the device over the headphones.

- Depending on the smart phone or tablet device used, the NFC signal reception may be too weak to perform one-touch connections. The unit may pair with a device other than the desired one if multiple NFC devices are nearby. In that case, follow the manual pairing procedure outlined in step 4.

How to set pairing

- (1) Hold the (⏻) button depressed while the unit's power is turned off to enter the pairing mode.
- (2) Swipe the "N-mark" on the device to be connected about 1 cm above the "N-mark" on the left side of the headband.



- (3) The device will automatically begin setting the pairing.

- When the LED lamp is flashing in blue slowly about once every 3 seconds, pairing is complete. When it is flashing quickly about once every second, pairing is not complete.

* Only one device can be connected at a time.

Disconnecting

With connecting to this unit, swipe the "N" mark on the device to be connected about 1 cm above the "N-mark" on the left side of the headband.

The connection will be automatically undone.

Depending on the specifications of the connected *Bluetooth* device, the connection cannot be terminated from the NFC device. In that case, perform the procedure of "Disconnecting from the *Bluetooth* device" in "4. Pairing".

6. How to use noise cancelling mode and ambient awareness mode

You can select how you hear sounds from three modes: noise cancelling, ambient awareness, and normal modes.


Noise cancelling mode

This function reduces the environmental noise you hear by generating an anti-phase sound of external environmental noises (e.g. noise in vehicles and air-conditioning sound in a room).

Ambient awareness mode

This mode makes it easier to hear ambient sounds so you can enjoy music while still being aware of ambient sounds.

Switching modes

Press and hold the () button while the power of the headphones is OFF to turn the power ON.

Noise cancelling mode automatically starts.

Modes change as shown below each time you press the () button.

Noise cancelling mode

↓ A beep sounds 3 times.

Ambient awareness mode

↓ A beep sounds 2 times.


Normal mode

↓ A beep sounds 1 times.

Noise cancelling mode(Back)

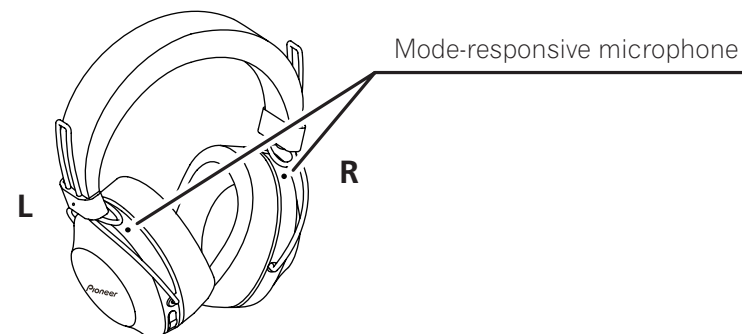


Note

- Press and hold the () button to turn the power OFF.
- Modes cannot be switched when the power of the headphones is OFF or when you are using the provided headphone cord.
- You can also switch modes using the Pioneer Headphone APP.
- The mode previously used is not stored. When you turn ON the power, noise cancelling mode will automatically be chosen.

<Notes for using noise cancelling mode>

- You may not feel the noise cancelling effect or noise may feel greater depending on the type of noise or when you are in a quiet place.
- The noise cancelling effect may become less significant or a beep sound may be generated (acoustic feedback) depending on how you wear the headphones. In this case, please change the headphones' position.
- Noise cancelling mode is the most effective against noises of low frequency such as the noise of vehicles and air-conditioning. Not all sounds are eliminated by using this mode.
- When used in a car, bus, or other vehicles, noise may be generated depending on the road conditions.
- Noise may be generated due to the influence of a cellular phone. In this case, distance the headphones from the cellular phone.
- Do not cover the mode-responsive microphone of the headphones with your hand or any article. It may reduce the effect of both noise cancelling mode and ambient awareness mode. It may also cause a beep sound (acoustic feedback). In this case, remove your hand or article from the microphone.



<Notes for using ambient awareness mode>

- Even when ambient awareness mode is used, you may not be able to hear ambient sounds depending on the ambient circumstances and type or volume of the sound being played. Do not use the headphones in dangerous places where you need to hear ambient sounds (e.g. roads that cars and bicycles go by).
- If you do not wear the headphones properly, ambient awareness mode may not work normally. Be sure to wear the headphones properly.

7. Enjoying music

To use the wireless headphones to listen to music from a *Bluetooth* device, you must first perform pairing with the *Bluetooth* device using the A2DP audio profile. For details on how to perform pairing, see P.4.

(1) With power to the wireless headphones' turned off, hold the (⏻) button depressed for about three seconds.

The headphones' power will turn on and the LED indicator will flash blue.

(2) Turn on the *Bluetooth* function on the device you wish to connect to.

When pairing is completed, the wireless headphones will automatically connect to the *Bluetooth* device.

*If automatic connection is not achieved, or the headphones automatically connect to a different *Bluetooth* device than the one you wish to use, follow the instructions for the desired *Bluetooth* device regarding manual connection.

Controls when listening to music

If the connected *Bluetooth* device supports AVRCP, the following operations can be used.

- (+) button
 - Press once : Advance to next track or chapter.
 - Press and hold : Increase volume.
- (-) button
 - Press once : Return to beginning of track or chapter.
 - Press and hold : Decrease volume.
- Play / Pause button
 - Press once : Play/Pause.

*When sound volume is set to maximum or minimum levels a beep sound will be produced from the headphones.

*Sound volume can be adjusted on the matching *Bluetooth* device.

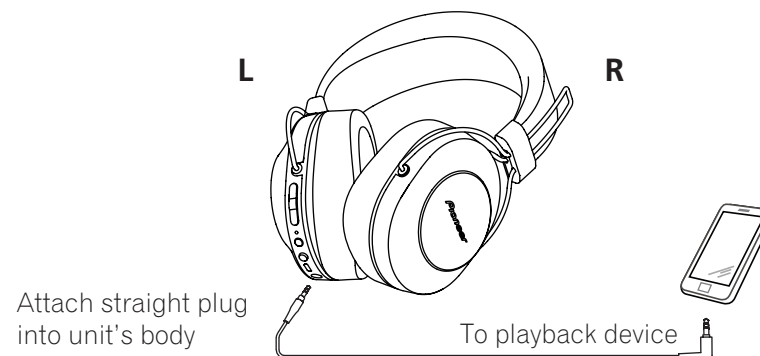
*Depending on the specifications of the connected *Bluetooth* device, the controls noted above and controls on the *Bluetooth* device may not be supported.

*Depending on the specifications of the connected *Bluetooth* device, the music playback settings may need to be configured. Consult the user's manual for the *Bluetooth* device.

*Depending on the specifications of the connected *Bluetooth* device, a music playback application may start automatically or the music cannot be paused/played. Consult the user's manual for the *Bluetooth* device.

Using the headphones cord

The furnished headphones cord can be used to listen to playback.



Note

- Connect the straight plug to the headphones' jack, and connect the L-type plug to the playback device.
- Insert the plug fully and securely. Failure to insert the plug sufficiently may result in reduced audio output from the headphones, or other malfunctions.
- The *Bluetooth* function cannot be used while the headphone cord is in use.
- If you begin using the headphone cord when power is already turned on, power to the unit will be automatically disconnected.

8. Vocal communication

To use the wireless headphones for vocal communication, pairing must be performed with the desired *Bluetooth* device using the “hands-free profile” (HFP) or “headset profile” (HSP).

For details on how to perform pairing, see P.4.

* If the *Bluetooth* device supports both profiles HFP and HSP, use the profile HFP.

(1) With power to the wireless headphones' turned off, hold the () button depressed for about three seconds.

The headphones' power will turn on and the LED indicator will flash blue.






(2) Turn on the *Bluetooth* function on the device you wish to connect to.

When pairing is completed, the wireless headphones will automatically connect to the *Bluetooth* device.

* If automatic connection is not achieved, or the headphones automatically connect to a different *Bluetooth* device than the one you wish to use, follow the instructions for the desired *Bluetooth* device regarding manual connection.

Vocal communication controls

If the connected *Bluetooth* device supports AVRCP, the following operations can be used.

- (+) button
 -  Press and hold : Increase volume.
- (-) button
 -  Press and hold : Decrease volume.
- Play / Pause button
 -  Press once when receiving a message : Enables conversation.
Press once again to end conversation.
 -  Press and hold when receiving a message : Refuse communication.
 -  Press twice : Performs redialing.

The same controls are supported in the event a call is received while listening to music.

* When sound volume is set to maximum or minimum levels a beep sound will be produced from the headphones.

* Sound volume can be adjusted on the matching *Bluetooth* device.

* Depending on the specifications of the connected *Bluetooth* device, the controls noted above and controls on the *Bluetooth* device may not be supported.

* Depending on the specifications of the connected *Bluetooth* device, the phone settings may need to be configured. Consult the user's manual for the *Bluetooth* device.

9. Using the voice assist function

<How to use the Google Assistant>

You can search using the microphone of the headphones by running the Google Assistant installed on a smartphone or other device.

Compatible smartphones

Android™ 5.0 or later (The Google™ app needs to be updated to the most current version.)

iOS (The Google Assistant app needs to be installed.)

<Android devices>

When you pair the device with the headphones, a pop-up for connecting with the Google Assistant starts.

Make the connection following the guidance.




<iOS devices>

Install the Google Assistant app and run it.

When you pair the device with the headphones, a pop-up for connecting with the Google Assistant starts.

Make the connection following the guidance.

* For the pairing procedure, see “4. Pairing”.

- Assistant button
 -  Press and hold : Voice input (Voice is input while you press and hold down the button. Release the button to finish.)
 -  Press once : Reading notifications
 -  Press twice : Cancelling reading

* Depending on the specifications of the connected *Bluetooth* device, the controls noted above and controls on the *Bluetooth* device may not be supported.

* For detailed Google Assistant operations, refer to the Google Assistant web page.

* When the Google Assistant is not available due to no connection to any network or for other reasons, an audio guidance “The Google Assistant is not connected” is played.

* The Google Assistant function is not available in some countries and areas as well as in some languages.

<How to use the Google app>

You can start the Google app installed in your Android smartphone or other device and then perform operations by voice via the microphones of the earphones.

(1) Set the [Assist & voice input] option to the Google app.

- Select [Settings] - [Apps] on the Android smartphone and then select the cogwheel icon at the top right of the displayed screen.
Select [Default] - [Assist & voice input] and then set [Assist app] to the Google app. The above procedure is an example. For details, consult the user's manual for the paired *Bluetooth* device.

*To use the assistant, the latest version of the Google app may be required.


For details on the Google app, consult the user's manual for the paired *Bluetooth* device or the web page of the Google Play Store.

*Depending on the specifications of the paired *Bluetooth* device, starting of the Google app from the headset may not be supported.

(2) Connect the earphones to the paired *Bluetooth* device.

- For the connection procedure, see "4. Pairing."

(3) Start the Google app.

- If you press and hold the Play / Pause button when the paired *Bluetooth* device is in the standby state or playing music, a beep tone sounds, the Google app starts, and you can hear the app startup sound.
Voice input is possible via the microphones of the earphones.
If a certain amount of time elapses after starting the Google app, a beep tone sounds and voice input is canceled.
- Play / Pause button
 Press and hold : Starts the voice assistant function.

*Depending on the specifications of the connected *Bluetooth* device, the controls noted above and controls on the *Bluetooth* device may not be supported.

<How to use Siri>

You can start Siri installed in your iPhone or other device and then perform operations by voice via the microphones of the earphones.

Sound from the paired *Bluetooth* device can be heard only from the left side while you are using Siri.

(1) Enable Siri.


- Select [Settings] - [Siri & Search] on your iPhone and then turn on Siri.
The above procedure is an example. For details, consult the user's manual for the paired *Bluetooth* device.

*For details on Siri, consult the user's manual for the paired *Bluetooth* device.

(2) Connect the earphones to the paired *Bluetooth* device.

- For the connection procedure, see "4. Pairing."

(3) Start Siri.

- If you press and hold the Play / Pause button when the paired *Bluetooth* device is in the standby state or playing music, Siri starts and you can hear the startup sound.
Voice input is possible via the microphones of the earphones.
If a certain amount of time elapses after starting Siri, a beep tone sounds and voice input is canceled.
For other details such as the apps linked to Siri, consult the user's manual for the paired *Bluetooth* device.
- Play / Pause button
 Press and hold : Starts the voice assistant function.

*Depending on the specifications of the connected *Bluetooth* device, the controls noted above and controls on the *Bluetooth* device may not be supported.

10. LED indicator

Operation	LED indicator
When not connected to a <i>Bluetooth</i> device	LED flashes blue twice every one second.
Pairing mode	LED alternately flashes blue and red.
When connected to a <i>Bluetooth</i> device	LED flashes blue once every three seconds.
During recharging	LED lights red.

11. Troubleshooting

Problem	Remedy
Power won't turn on.	Recharge the wireless headphones.
The batteries will not charge.	Confirm that computer's power is ON.
	Confirm that computer is not in power-saving mode.
	Confirm that accessory micro-USB cable is securely connected to both the wireless headphones and the computer.
Can't perform pairing.	Place the wireless headphones and <i>Bluetooth</i> device closely together when performing pairing.
Can't perform <i>Bluetooth</i> connection.	Confirm that power is turned on for both wireless headphones and <i>Bluetooth</i> device.
	Confirm that <i>Bluetooth</i> function is turned ON in the device you are connecting to.
No sound. (When playing music)	Confirm that power is turned on for both wireless headphones and <i>Bluetooth</i> device.
	Confirm that connection with <i>Bluetooth</i> device is set for profile A2DP.
	Confirm that the connected music playback device is set for PLAY.
	Confirm that sound volume controls on both wireless headphones and music playback device are set to appropriate levels.

Problem	Remedy
Sound is distorted. (When playing music)	Check that no other devices utilizing the 2.4 GHz wavelength (including microwave ovens, wireless radios, etc.) are nearby, and that no obstructions block the signal path.
Can't use hands-free operation.	Confirm that wireless headphones and <i>Bluetooth</i> device are connected using the profile HFP or HSP.
	If connection to the <i>Bluetooth</i> device is in profile A2DP, it may be necessary to change connection profiles (depending on the specifications of the <i>Bluetooth</i> device).
Communication distance is short, sound is garbled.	Check that no other devices utilizing the 2.4 GHz wavelength (including microwave ovens, wireless radios, etc.) are nearby, and that no obstructions block the signal path.
Can't perform connection with NFC.	Confirm that the <i>Bluetooth</i> device is equipped with NFC function.
	Activate the NFC setting on the <i>Bluetooth</i> device.
	Confirm that the orientation of the wireless headphones and <i>Bluetooth</i> device is correct when swiping.
	In some cases recognition of the device may require more time; in this event continue swiping the devices until connection is completed.
	Remove the <i>Bluetooth</i> device from its case or cover.
Can't use the voice assistant function.	Confirm that the settings of the paired <i>Bluetooth</i> device are set correctly.

Specifications

Transmission format	Bluetooth Standard Protocol Ver. 4.2
Output	Bluetooth Standard Protocol Power Class 2
Maximum transmission distance	About 10 m line of sight *1
Frequency used	2.4 GHz (2.4000 GHz to 2.4835 GHz)*2
Modulation	FHSS
Supported Bluetooth profiles	A2DP, AVRCP, HFP, HSP
Supported CODEC	SBC, AAC, Qualcomm® aptX™ audio, Qualcomm® aptX™ HD audio
Contents protection	SCMS-T
Battery life with continuous use	Maximum 24 hours of continuous transmission (NC ON/including music-play time) Maximum 27 hours of continuous transmission (NC OFF/including music-play time)
Recharging time	About 4 hours
Rating input	5 V = 200 mA or 3.7 V 545 mAh Battery
Power	DC 3.7 V internally rechargeable lithium-ion battery
Weight	300 g

HEADPHONES

Type	Fully-enclosed dynamic headphones
Driver units	∅40 mm
Frequency response	5 Hz to 22 000 Hz (With Bluetooth connection) 5 Hz to 40 000 Hz (With wired connection)
Maximum input power	1 000 mW (With wired connection)
Impedance	32 Ω (With wired connection)
Sensitivity	100 dB (With wired connection)
Ear pad	Polyurethane (leather finish)

MICROPHONE

Type	MEMS
Directionality	Omni-directional microphone
Frequency response	100 Hz to 8 000 Hz

ACCESSORIES

Micro-USB cable	1
Headphone cord	1
Carrying pouch	1
Warranty (U.S.A. and Canada / Japan)	1
Quick Start Guide	1
Safety Guide	1
Maximum radio-frequency power transmitted in the frequency band(s) 2 400 MHz to 2 483.5 MHz	: 4 dBm

- *1 Transmission distance is an approximation. Actual usable distance may vary depending on surrounding conditions.
- *2 This product utilizes radio waves in the 2.4 GHz spectrum. Some signal dropouts may be experienced due to interference with radios, microwave ovens, and other devices using the 2.4 GHz spectrum.

Note

Specifications and design are subject to possible modifications without notice due to improvements.

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