

ATH-SPORT4



Instruction booklet

ATH-SPORT4

Wireless stereo headphones

Manuel d'utilisateur

ATH-SPORT4

Casque stéréo sans fil

Libretto di istruzioni

ATH-SPORT4

Cuffie estereo inalámbrico

CAUTIONS

Thank you for purchasing this wireless stereo headset.

Please keep this manual handy, along with the warranty, so they are always available for reference.

Please read these cautions before using your headphones.

To ensure safety, observe all cautions while using this equipment.

For customers in the USA

FCC Notice

Warning

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.

Caution

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

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.

For customers in Canada

IC statement

This device complies with INDUSTRY CANADA R.S.S. 210, en conformité avec IC: RSS-210/CNR210. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference which may cause undesired operation.

CAN ICES-3 (B)/NMB-3(B)

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

CAUTIONS

- **Do not use the headphones near medical equipment.**
Radio waves may affect cardiac pacemakers and medical electronic equipment. Do not use the product inside medical facilities.
- **Do not use the headphones in aircrafts.**
Radio waves may affect electronic equipment and cause accidents due to malfunction.
- **Do not use the headphones near automatic control devices such as automatic doors and fire alarms.**
Radio waves may affect electronic equipment and cause accidents due to malfunction.
- **Do not disassemble, modify or attempt to repair the headphones.**
- **Do not subject the headphones to strong impact.**
- **Disconnect this product from the computer if you find any malfunction like noise, smoke, smell, heat or damage on the product. In this case, contact your local Audio-Technica dealer or service center.**
- **To prevent fire or shock hazard, do not expose this apparatus to rain or moisture.**
- **Do not cover with a cloth.**
- **Follow applicable laws regarding mobile phone and headphone use if using headphones while driving.**
- **Do not use the headphones in places where the inability to hear ambient sound presents a serious risk (such as at railroad crossings, train stations, construction sites).**
- **Store the earpieces out of the reach of small children.**
- **If you begin to feel unwell while using this product, please discontinue use immediately.**
- **To prevent damage to your hearing, do not raise the volume too high. Listening to loud sound for an extended period may cause temporary or permanent hearing loss.**
- **Discontinue use if skin irritation results from direct contact with the product.**
- **When removing the headphones from your ears, check to make sure the earpieces are still attached to the main unit. If the earpieces become lodged in your ears and you are unable to remove them, consult a physician at once.**
- **The earphones are designed to plug your ear cavities. If you feel any discomfort, temporarily discontinue use.**

CAUTIONS

Caution for rechargeable battery

- **If battery fluid gets into eyes, do not rub the eyes.**
Rinse thoroughly with clean water such as tap water and consult a doctor immediately.
- **If battery fluid leaks, do not touch fluid with bare hands.**
 - If fluid remains inside this product, it may cause malfunction. If battery fluid leaks, please contact our service center.
 - If you lick fluid, gargle thoroughly with clean water such as tap water and consult a doctor immediately.
 - If your skin or clothing contacts with fluid, immediately wash the affected skin or clothing with water. If you feel uncomfortable with your skin, consult a doctor.
- **Never dispose of the battery in a fire, heat, disassemble or modify the battery.**
Failure to observe this caution could cause leakage, generation of heat or explosion.
- **Do not attempt to pierce with a nail, hit with a hammer or step on the battery.**
Failure to observe this caution could cause generation of heat, damage or ignition.
- **Do not attempt to drop or give strong impact to the battery.**
Failure to observe this caution could cause leakage, generation of heat or explosion.
- **Do not use, leave or store the battery in the following places.**
 - Place exposed to direct sunlight or high-temperature and humidity
 - Inside of a car under the blazing sun
 - Near heat sources such as heaterFailure to observe this caution could cause leakage, generation of heat, explosion or performance degradation.
- **Do not get the battery wet.**
Failure to observe this caution could cause generation of heat, explosion or ignition.
- **Do not charge with a charger other than the included (specified) USB cable for charge.**
Failure to observe this caution could cause malfunction or fire.
- **After using the device, be sure to switch off.**
Leakage often occurs due to battery drain as a result of failure to switch off.

PRECAUTIONS

- Be sure to read the operation manual for the *Bluetooth* device before use.
- Audio-Technica will not be liable in any way for any loss of data in the unlikely event that such losses should occur while using this product.
- On public transport systems or in other public places, keep the volume low so as not to disturb other people.
- Please minimize the volume on your audio device before connecting the headphones in order to avoid hearing damage from sudden exposure to excessive volume.
- When using this product in a dry environment, you may feel a tingling sensation in your ears. This is caused by static electricity accumulated on your body, not by a headphone malfunction.
- Do not store the headphones under direct sunlight, near heating devices or in a hot, humid or dusty place. Do not allow the headphones to get wet.

PRECAUTIONS

- When this product is used for a long time, the headphones may become discolored due to ultraviolet light (especially direct sunlight) or wear.
- The cable may become caught or severed if product is placed in a bag or pocket without adequate protection. To carry the product, use the accessory pouch.
- To prevent wire break please don't loop the headphone cable around another device.
- Connect/disconnect the cable by holding the plug. Pulling directly on the cable can result in a broken wire and the risk of electric shock.
- Reception on the headphones is available only through the mobile telephone network. Please note that performance of other types of phone reception (phones using other wireless applications) cannot be guaranteed.
- If you use the headphones close to an electronic device or transmitter (such as mobile phone), a noise may be caused in the headphones. In this case, keep it away from the electronic device or transmitter.
- If you use the headphones near a TV or radio antenna, noise may be caused in the television or radio. In this case, keep it away from the TV or radio antenna.
- To protect the built-in rechargeable battery, charge it at least once every half year. If you leave it too long, you will have less rechargeable battery life or the battery may not recharge at all.
- These headphones are not completely waterproof. Do not deliberately submerge them in water or use in water. If the headphones become dirty, for to the "Cleaning" instructions and clean the headphones.
- These headphones are not designed to be moisture proof. Do not use them in places where there is high humidity (such as bathrooms or saunas). Failure to observe this caution could cause malfunction.
- Do not bend the flexible ear hangers more than necessary. Failure to observe this caution could result in damage.
- If you do not intend to use these headphones for a prolonged period, store in a well-ventilated location away from high temperatures and humidity.
- Do not leave inside a car parked in direct sunlight. Failure to observe this caution could cause malfunction.

Simultaneous use with other devices

Failure, such as the interruption of sound, may be caused by radio wave interference from devices that use the same frequency band (2.4GHz) as the headphones, including *Bluetooth*-enabled devices, devices using wireless LAN, digital cordless phones and microwaves. Similarly, because radio waves of the headphones may affect these devices, take the following precautions:

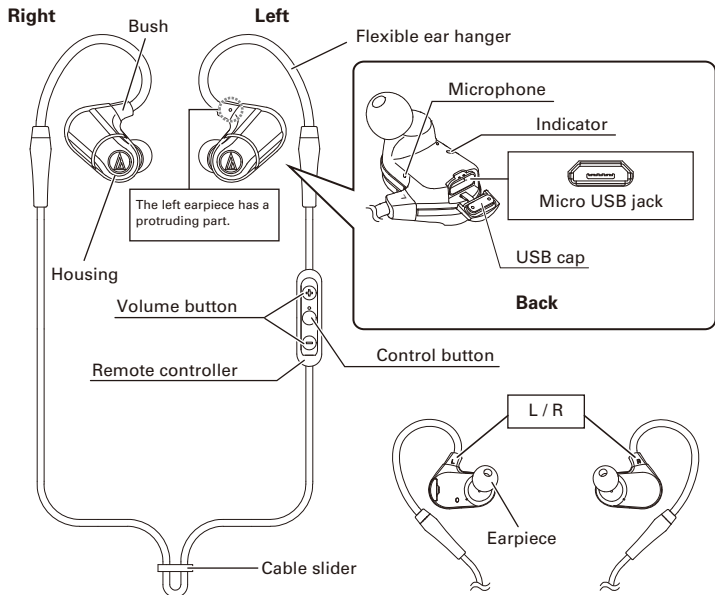
- Install the devices using the same frequency band (2.4GHz) as the headphones away from the headphones.
- Do not use the product in hospitals, trains and aircrafts.

Instructions for Use

Any device which is connected to the headphones needs to meet the *Bluetooth* standards established by Bluetooth SIG and be certified.

Even if the device meets the *Bluetooth* standards, it may not connect to the headphones or the operation method and behavior may differ depending on its characteristics and specification.

Part names



Waterproof Function

These headphones are designed to prevent perspiration from exercising or water from simple washing from getting inside the headphones. (IPX5 equivalent)

Never purposely use in water or allow liquids other than water or perspiration (such as soapy water) to come into contact with the headphones as doing so will cause a malfunction.

Also, be sure to check that the USB cap is fully closed to ensure the headphones are water resistant.

* Water may get inside the headphones if the USB cap is not fully closed.

How to Charge

Fully charge the battery when using for the first time.

When the rechargeable battery power runs low, you will hear a short beep and the indicator will flash red. When you hear the beep, charge the battery.

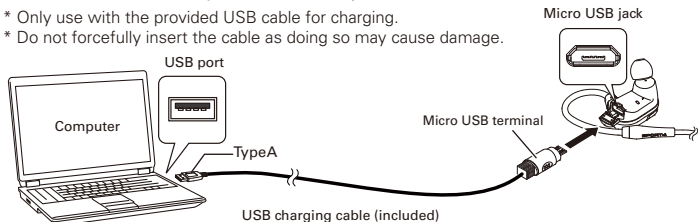
It takes about 3 hours to charge the battery fully. (It varies depending on service conditions.)

* The headphones cannot be used during charging because *Bluetooth* is disconnected.

1 Connect the included USB cable (the Micro USB terminal side) to the headphone Micro USB jack.

* Only use with the provided USB cable for charging.

* Do not forcefully insert the cable as doing so may cause damage.



2 Connect the USB cable (the Type A side) to the computer and start charging.

3 During charging, the indicator turns on/flashes as follows:

Lit red :Charging

Lit blue :Charging complete

* Check that the indicator is lit to make sure charging has started.

Briefly press the Control button if charging has not started.

* The provided USB cable for charging and inside of the USB cap are not water resistant.

Make sure they do not get wet.

4 Be sure to close the USB cap.

How to Connect

About Pairing

To connect the headphones to a *Bluetooth* device, the headphones needs to pair (register) with the device. Once it is paired, you don't need to pair it again.

However, you will need to pair again in the following cases:

- If the headphones is deleted from the *Bluetooth* device connection history,
- If the headphones is sent out for repair,
- If the headphones is paired with 9 devices or more.

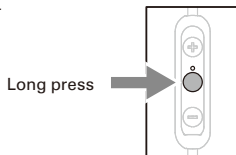
(The headphones can be paired with up to 8 devices. When you pair with a new device after pairing with 8 devices, pairing information for the device with the oldest connection date will be overwritten by information for the new device.)

How to Connect

How to Perform Pairing

- * Read the user manual for the *Bluetooth* device.
- * Place the *Bluetooth* device within 1 meter of the headphones to perform pairing correctly.
- * Wear the headphones to confirm pairing by listening for sound.

- Starting with the headphones turned off, press and hold the Control button on the *Bluetooth* transmitter/receiver for about 5 seconds.
The indicator will begin flashing red/blue.



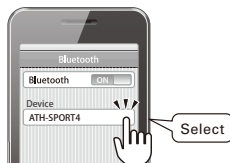
Beep (Pi-PoPo) sound

- Pairing process will begin and the *Bluetooth* device will search for the headphones.

* For more information on how to use the *Bluetooth* device, read the operation manual for the device.

- When the headphones is searched for, "ATH-SPORT4" will display on the *Bluetooth* device. Select "ATH-SPORT4" and register the device to be connected.

Some devices may ask for pass key*.
In this case, enter "0000".



* The pass key is also called pass code, PIN code, PIN number or password.

- When the headphones rings, the pairing has performed normally and been successfully completed.

Beep (Pu-Pu-) sound

How to Use

How to Wear

Pass the cable around the back of your neck. As shown in the figure on the right, check the L/R symbols with the bush facing upwards and fit the headphones onto your ears. Adjust the flexible ear hangers to fit around the back of your ears after fitting the headphones for a stable, comfortable fit.

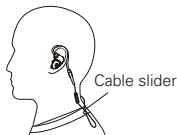
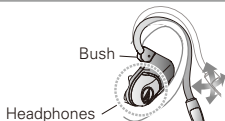
*Do not bend the flexible ear hangers more than necessary at this time. Failure to observe this caution could cause malfunction.


■ Cable slider


Pass the cable around the back of your neck, and slide the cable slider to the bottom of your neck to loosely hold the cable in place.

■ 2 Types of Earpiece

Two types of earpiece are provided with these headphones. Check the features of each type and use according to the conditions where you are using the headphones.



Fine fit earpiece	
	Standard earpieces that seal tightly and prevent sound leak.

Active fit earpiece	
	Earpieces designed with an uneven surface to allow external sounds to be heard easily.*

* These earpieces are designed so that external sounds are easier to hear, but please be careful of the surrounding environment when using outdoors.

* For details on how to replace earpieces, see "About the earpieces" -> "Replacing the earpieces".

Listening to Music

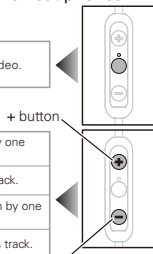
- To connect for the first time, refer to "How to Connect" and pair the headphones with a *Bluetooth* device and connect. Once pairing has been performed, turn on the headphones and turn on the *Bluetooth* connection of the *Bluetooth* device.
- Play and enjoy music according to the operation manual of the *Bluetooth* device connected. The following operations are available on the headphones:

Control button

Short press	Play/Pause	Plays or pauses music and video.
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Volume button

+ button	Short press	Volume Up	The volume turns up by one level. **
	Long press*	Forward	Forwards to the next track.
- button	Short press	Volume Down	The volume turns down by one level. **
	Long press*	Rewind	Returns to the previous track.



* 1 Press and hold for approximately 1 second, then release when - button you hear the sound of a short beep.

** You will hear a short "beep" when the volume reaches its maximum/minimum.

How to Use

Taking a Call

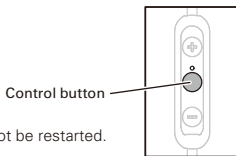
If telephone function is incorporated in the *Bluetooth* device, you can make a call using the headphones.

When the *Bluetooth* device receives a call, you will hear the headphones ring.

When you get a call while listening to music, the music will stop.

When you end the call, the music will resume.

* There are some Bluetooth devices on which audio playback cannot be restarted.



Taking a call

When you hear the ringtone, briefly press the Control button and take the call.

Ending a call

During the call, briefly press the Control button to end the call.

Changing call volume

During the call, you can turn the volume up or down by pressing the Volume button (+/-).

Switching a Call between the headphones and Mobile Phone

Every time you press the Control button holding the Volume button(+) during a call, you will toggle between accessing the call via the mobile phone and accessing it via the headphones.

Blocking communications

During an incoming call, briefly press Control button while holding down the volume button (+) to reject the incoming call.

About the earpieces

Sizes and position

It may be difficult to hear the bass sounds if the earpieces do not fit snugly into your ears. These headphones come with fine fit earpieces in four sizes (XS, S, M and L) and active fit earpieces in three sizes (S, M and L). At the time of purchase, the M size fine fit earpieces are attached to the headphones. To enjoy the best sound quality and comfort, you should experiment with the size of the earpieces to find the best fit for you. If the headphones are not properly fitted to your ears, audio quality may be diminished.

Cleaning the earpieces

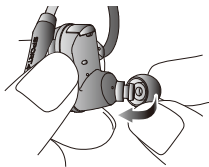
Remove earpieces from the headphones and clean them with a diluted detergent. After cleaning, dry before use.

Replacing the earpieces

Remove each old earpiece, and mount the new earpiece over the stem up to the base of the stem.

Note:

- Periodically remove and clean the earpieces as they become dirty easily. Using with dirty earpieces may cause the headphones to become dirty through the earpieces, resulting in deteriorated sound quality.
- Earpieces are consumable parts which degrade through storage and use. If the fit has become loose or if the earpieces appear to have degraded, purchase replacements.
- When reattaching earpieces to the headphones, be sure to check that they are securely attached. Injury or illness may occur if the earpieces are left inside the ear.



Cleaning

Please clean these headphones regularly to ensure long lasting use.
Do not use solvents such as alcohol or thinner when cleaning these headphones.

About These Headphones

If these headphones become dirty with perspiration or dust, etc., wash in fresh water at a normal temperature (10 - 35°C) or rinse under a gentle tap water stream.

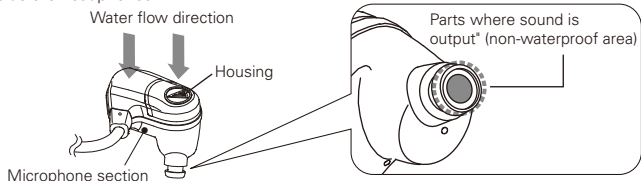
Do not allow water to come directly into contact with the "parts where sound is output" (non-waterproof area).

* Before washing, be sure to check that the micro USB jack cap is tightly closed.

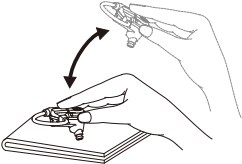
* Wash by hand. Do not use a brush or sponge.

* Rinse from the housing side.

These headphones are treated with IPX5 equivalent waterproofing, but the parts where sound is output are non-waterproof areas. Sound may not be output or may be difficult to hear if water gets inside the headphones.



Wipe using the following procedure after washing.

- 1 Thoroughly wipe away any surface water using a soft, clean and dry cloth.
- 2 Hold the headphones firmly and shake approximately 20 times to shake off any water droplets. Sound may not be output if moisture still remains in the "parts where sound is output" and "microphone section". In this case, place the headphones on a dry cloth as shown in the figure on the right, and shake each side approximately 20 times with the "parts where sound is output" and "microphone section" facing downwards.
 
- 3 Press a soft, clean and dry cloth onto the gaps such as the "parts where sound is output" and "microphone section" to soak up any remaining water.
- 4 Dry in a well ventilated place in the shade.
 - * Do not directly apply hot air such as from a hair dryer to the headphones.
 - * Do not use cotton buds, etc. to directly wipe water that remains in gaps.

■ About the Remote Controller/Cables

Dry immediately after use if they become soiled with perspiration, etc.

Wipe with a damp cloth if they are particularly dirty.

Using with a dirty cable may cause the cable to deteriorate, resulting in malfunction.

Other functions

Auto Power Off function

The headphones will automatically turn off after 5 minutes if it has not been connected to a device with the power turned on.

Reset function

If these headphones stop working or if a malfunction occurs, they can be reset by charging the batteries.

* Even if the headphones is reset, volume and other functions won't be initialized.

Troubleshooting

Power is not supplied

Charge the headphones.

Unable to pair

Pairing is available on version 2.1+EDR or later of the communication system of the *Bluetooth* device.

Bring the headphones and the *Bluetooth* device closer together – within the range of 1 meter.

Set profiles for the *Bluetooth* device. For procedures on how to set, refer to the operation manual for the *Bluetooth* device.

No sound comes out / a faint sound

Turn on the power of the headphones and the *Bluetooth* device.

Turn up the volume of the headphones and the *Bluetooth* device.

Switch the output of the *Bluetooth* device to the *Bluetooth* connection.

Troubleshooting

Sound is stuttered / noise is caused / sound is interrupted

Turn down the volume of the headphones and the *Bluetooth* device.

Keep the microwave and other devices such as wireless LAN away from the headphones.

Keep TV, radio and devices with built-in tuners away from the headphones.
It can affect these devices.

Turn off the equalizer settings of the *Bluetooth* device.

The antenna is installed in the position shown in the figure on the right. Make sure there are no obstructions (such as metallic objects or walls) between the product antenna and the *Bluetooth* device.



Internal Antenna Location

Left

Cannot hear the person on the other end / voice of the person on the other end sounds too quiet

Turn on the power of the headphones and the *Bluetooth* device.

Turn up the volume of the headphones and the *Bluetooth* device.

For the A2DP connection, switch to the HFP/HSP connection.

Switch the voice output of the *Bluetooth* device to the *Bluetooth* connection.

The headphones cannot be charged

Securely connect the USB charging cable and charge.

Briefly press the Control button when the USB charging cable is connected.

The built-in rechargeable battery may have reached the end of its service life if the usage time becomes shorter even though the battery is fully charged or if charging is still not complete after more than 3 hours of continuous charging. In this case, please contact our service center.

*For operation of the *Bluetooth* device, refer to the operation manual for the *Bluetooth* device, since operation varies with devices.

Specifications

Communication System : *Bluetooth* Version 3.0
Output : *Bluetooth* Specification Power Class 2
Maximum communication range : Line of sight - approx. 10 m
Frequency band : 2.402 GHz to 2.480 GHz
Modulation method : FHSS
Compatible *Bluetooth* Profiles : A2DP AVRCP HFP HSP
Support Codec : SBC
Supported content protection method : SCMS-T

Headphones

Driver : Dynamic 10 mm
Transmission band : 20 to 20,000 Hz
(44.1kHz Sampling)

Microphone

Element : Electret condenser
Directional characteristic : Omnidirectional
Sensitivity : -44 dB (1V/Pa at 1 kHz)
Effective frequency range : 50 to 8,000 Hz

Others

Power source : DC3.7 V lithium polymer battery
Charge terminal: micro USB
Operating time : Approx. 4 hours* (Continuous transmission time including music playback time),
Max. 60 hours* (Continuous standby time)
Charging time : Approx. 3 hours*
External dimensions (one side) H28xW32xD27mm (Without cord)
Cord Length: Approx. 0.4m
Weight : Approx. 23 g(Without Earpieces)
Operating temperature : 5°C to 40°C
Accessory : Fine fit earpiece
(XS,S,M,L)
Active fit earpiece
(S,M,L)
USB cable for charge (1.0 m),
Pouch
Optional : Sold separately earpieces Fine fit earpiece

*The above figures depend on operating conditions.
(For product improvement, this product is subject to modification without notice.)

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