

aceline

User Manual

TWS Headset
AIR X-1

Contents

Intended Use	3
Safety Precautions	3
Rechargeable Battery Guidelines (Li-pol/Li-ion)	4
Battery Capacity and Charge-Discharge Cycles.....	4
Natural Battery Wear.....	4
Use Only the Original Charger	5
Observe the Temperature Requirements.....	5
Do Not Disassemble, Burn, or Use Damaged Batteries.....	5
Specifications.....	6
Package Contents	7
Device Diagram	7
Operating Instructions.....	8
Charging.....	8
Operation	8
Functions.....	8
Troubleshooting Guide.....	9
Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal	10
Warranty Information.....	11
Additional Information.....	11

Dear Customer,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

The TWS headset features Bluetooth wireless technology and is designed for personal listening to music, speech, or other audio signals, as well as for voice communication.

Safety Precautions

- Do not expose the device to excessively high/low temperatures, dust, humidity, direct sunlight, strong vibration, or strong electromagnetic radiation.
- Avoid spilling liquid on the device. Do not use the device in areas where there is a risk of it falling into water (e.g., swimming pools, bodies of water, bathtubs, etc.).
- The manufacturer does not guarantee full compatibility of the device with any third-party applications or the correct operation of these applications.
- Avoid dropping the device from heights or subjecting it to impacts against hard surfaces.
- Prolonged use of headphones at excessively high volume may cause hearing loss.
- Please note that the battery reaches its maximum performance after two to three full charge and discharge cycles.
- Use only manufacturer-approved chargers and accessories. Using other accessories voids the warranty and may be dangerous.
- Use a soft cotton cloth to clean the device body. Do not use chemical substances, as they may damage the device.
- This device is not intended for commercial use.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

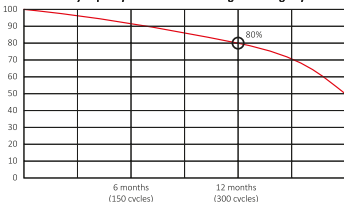
Rechargeable Battery Guidelines (Li-pol/Li-ion)

Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as "the battery") tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and time frames is natural battery wear and is not considered a defect.

Battery Capacity and Number of Charge-Discharge Cycles



Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, batteries are not durable and constantly degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the "optimal" storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.

Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS). Forced "fast charging" modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited.

Li-ion batteries do not have a so-called "memory effect." You can start charging or discharging the battery from any charge level.

Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered by the electrical grids, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the "low battery" warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately. If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

Do Not Disassemble, Burn, or Use Damaged Batteries

Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center.

Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

CAUTION:

- Be careful — damaged batteries may release harmful substances.

- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner you bring a malfunctioning battery in for repair, the more likely it can be restored with minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

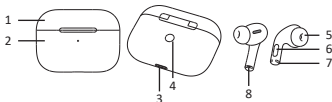
Specifications

- Model: AIR X-1
- Trademark: Aceline
- Power supply: 3.7 V
- Bluetooth:
 - Version: 5.3
 - Wireless standard: IEEE 802.15.1
 - Frequency range: 2402–2480 MHz
 - Transmitter power: < 10 mW
- Supported codecs: SBS, AAC
- Microphone: Yes
- Number of speakers: 2
- Impedance: $32 \pm 15\%$ Ohm
- Sensitivity: 108 ± 3 dB
- Case battery: Li-ion, 230 mA·h
- Earbud battery: Li-ion, 30 mA·h
- Battery life: about 7.9 hours
- Headset charging time: 1 hour
- Charging connector: Lightning
- Charging cable length: 1 m
- IP code: IPX4
- Scope of application: Domestic

Package Contents

- Headset
- Power adapter
- 3 pairs of ear tips
- User manual

Device Diagram



1. Charging case
2. Charging indicator
3. Charging connector
4. Multifunction button
5. Ear tip
6. Touch sensor
7. Charging contacts
8. Microphone

Operating Instructions

Charging

- While charging the case: The case's charge indicator lights up orange for 8 seconds and then turns off.
- Case fully charged: The case's charge indicator lights up green for 5–8 seconds and then turns off.
- While charging the earbuds: The charge indicator lights up green for 5 seconds and then turns off.
- Charge the case and earbuds at least once a month.



Operation

1. Open the case. The earbuds will turn on automatically and start pairing.
2. Turn on Bluetooth on the device you want to connect the earbuds to.
3. Place the earbuds near this device.
4. To connect, select Aceline Air X from the list.
5. After use, place the earbuds back in the case and close the lid. The earbuds will turn off automatically. The case will automatically start charging them.

Note: If the earbuds are not connected within 5 minutes, they will turn off automatically.

Functions

- Power on/off: Press and hold the touch sensors on both earbuds for 5 seconds.
- Answer/end a call; Play/pause: Tap the touch sensors on both earbuds once.
- Reject a call: Press and hold the touch sensors on both earbuds for 2 seconds.
- Toggle in-ear detection: Tap the touch sensors on both earbuds 4 times.
- Reset: Tap the touch sensors on both earbuds 6 times.
- Previous track: Double-tap the touch sensor on the left earbud.
- Next track: Double-tap the touch sensor on the right earbud.
- Increase volume: Triple-tap the touch sensor on the left earbud.
- Decrease volume: Triple-tap the touch sensor on the right earbud.
- Voice assistant: Press and hold the left touch sensor for 3 seconds.
- Transparency / Noise cancellation / Normal mode: Press and hold the right touch sensor for 3 seconds.



Troubleshooting Guide

- **The earbuds do not turn on automatically.**
 - Ensure the earbuds are charged (leave them in a charged case for at least 1 hour).
- **Sound is only in one earbud, or pairing fails:**
 - Ensure both earbuds are charged and turn on.
 - Check if a single earbud can connect to another device via Bluetooth.
 - Remove your earbuds from the Bluetooth connection list. Place both earbuds in the case and reconnect them as described in the “Operation” section of this manual.
- **The device cannot detect the earbuds:**
 - Ensure both earbuds are turned on.
 - Check if the earbuds are connected to another device.
 - Remove your earbuds from the Bluetooth connection list. Place both earbuds in the case and reconnect them as described in the “Operation” section of this manual.
- **The earbuds freeze or disconnect during calls or music playback:**
 - Low battery. Charge the case and earbuds.
 - Ensure the earbuds are close enough to the device (no more than 10 m.).
 - Ensure there are no obstacles, such as walls or metal doors, between the earbuds and the connected device.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months.

Service Life: 12 months.

For the up-to-date list of authorized service centers, please visit:

<https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: Seaway Electronics Co., Ltd.

Room 301, No.1 Building, No.102, Fengping Road, Fenggang Town, Dongguan City, Guangdong, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

Production date (mm.yyyy): _____ V.1



aceline