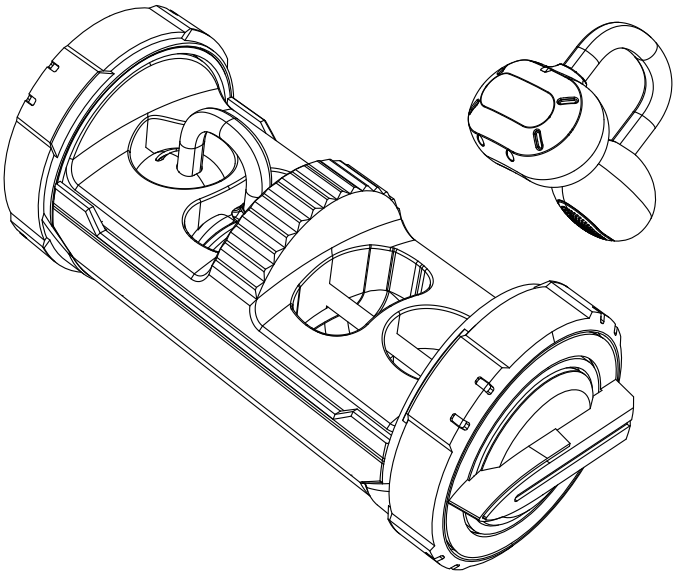
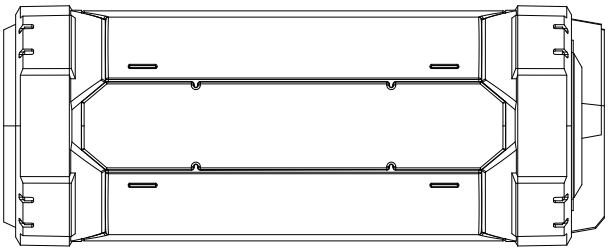
WUTHERING WAVES × Moondrop



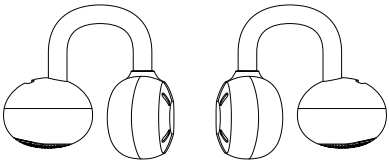
U.C.T.S. HYBRID DUAL DRIVER ULTRA HIFI SOUND OWS

MANUAL

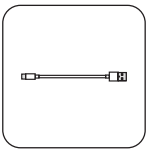
PACKAGE LIST



Charging case×1



Earphone×1 Pair



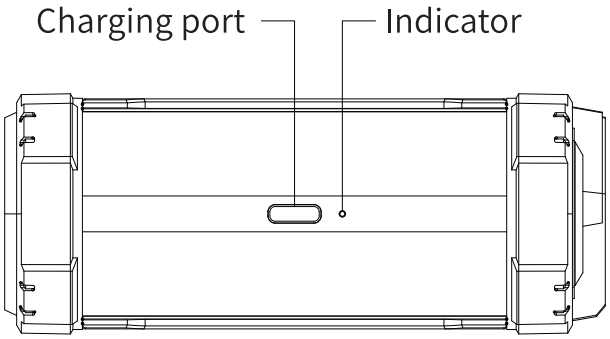
Charging cable×1

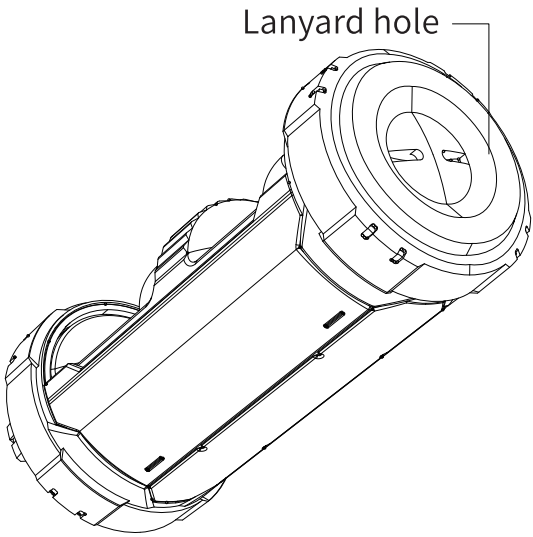
Manual×1
Warranty card×1
Guidance×1

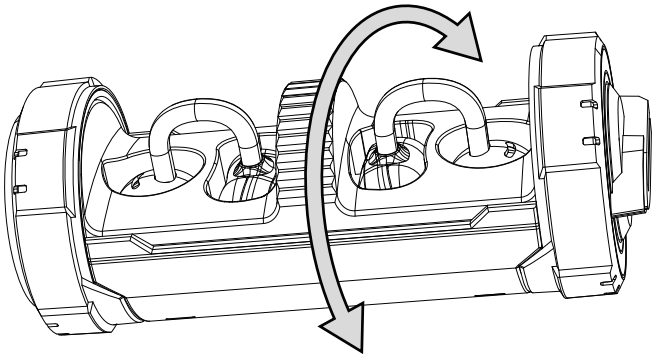
Collaboration custom merchandise

Lanyard×1, Laser Ticket×2, Badge×2

PRODUCT OVERVIEW

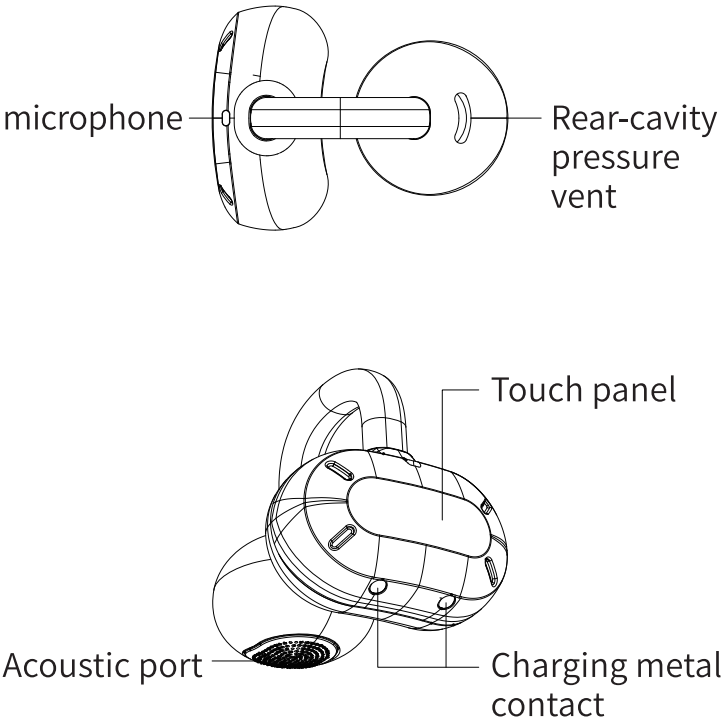






Turn in any direction to open the earphone charging case.

PRODUCT OVERVIEW



There are "L" and "R" indicators on both sides of the earphone to help distinguish the left from the right.

Note:

1.For daily use, it is not suggested to frequently open and close the charging case.

2. It is recommended to turn on your phone's Bluetooth first before taking out the earphones.

3. To achieve the best sound quality, please ensure you wear the earphones correctly, distinguishing between the left and right. Due to the unique design of the OWS, wearing them incorrectly may significantly affect sound quality. If you find that the sound quality is poor, try adjusting the fit manually until you achieve optimal listening.

CONNECTION

Turn on:

The earphones wake up automatically when removed from the charging case.
Prompt: Ready? Let's head out.

*To turn on the earphones manually when they are outside the charging case, press and hold both touch panels for 3 seconds.

Turn Off:

The earphones will begin charging when placed back in the charging case (approximately 30mA at constant current) and will turn off once fully charged.
Prompt: Need a break? Till next time then!

*The earphones will automatically turn off if there is no connected device for more than 3 minutes or if the battery voltage drops below 3.0V.

Pairing instructions:

The earphones automatically enter pairing mode when turned on for the first time.
To connect, select "Moondrop U.C.T.S" from the Bluetooth settings of your device while it is in search mode.
Operating follows the prompt：
Connecting: Detecting frequency.
Connected: Resonance established.
Disconnect:
1. Over-distance disconnection: The earbuds will automatically disconnect when beyond the effective working distance, and you'll hear the prompt "Resonance ceased."
2. For manual disconnection, press and hold the left and right earphone control areas simultaneously for 3s to disconnect from the current connection. Alternatively, you can manually turn off the Bluetooth on your smartphone to achieve the same result.

*The earbuds will automatically re-enter pairing mode after disconnection. Other devices can then search for "Moondrop U.C.T.S." to connect and pair.

Dual-Device Connectivity Instructions:

Dual-device connectivity is disabled by default and cannot be used in LHDC-V and LC3 modes. If you want to connect a second device, please enable this feature in the "Function Settings" of the MOONDROP app.
Once enabled, the dual-device connectivity feature will automatically turn off if there is no second device connected for more than 5 minutes.

Notes for Dual-Device Connectivity:

1. When music is playing from the first device and you attempt to play music from the second device, playback on the first device will pause.

2. The priority order for dual-device connectivity is as follows: calls, audio playback, and standby.

Connecting a Third Device:

1. To connect a third device, one of the currently connected devices must be manually unpaired.
2. In any connection state, press and hold the left and right touch areas simultaneously for 3 seconds to disconnect both devices and connect to a new one.

Automatic Reconnection

1. When the earphones are taken out of the charging case and powered on, they will automatically reconnect to the last connected device. If two devices are present, you will receive a reconnection prompt for both, with priority given to the last connected device.

2. If you disconnect from the effective working range, you can automatically reconnect within 3 minutes.

3. If two devices are connected simultaneously and Device A goes out of range while Device B is nearby, you will need to manually reconnect to Device B using the Bluetooth settings once you're back within range, especially if more than three minutes have passed.

FUNCTION

Function

Play/pause: double-click the left/right touch panel
Pre/Next: triple-click left panel for previous track, triple-click the right panel for next track

Low-latency mode switching

To switch between modes, quadruple-click the left or right panel and follow the prompts to confirm the current mode.
Music mode: Enjoy the groove.
Game mode (low latency): Let the battle begin!

Answering calls: Double-click the left/right earbud
Rejecting calls: Press and hold the left/right earbud for 1.5s
Ending calls: Double-click the left/right earbud
Third-party incoming call: Double-click the left/right earbud
Switching between third-party calls: Triple-click the left/right earbud

*When you properly click the touch-panel area, the system will provide audible feedback with a "beep" prompt.

BATTERY INDICATION

Battery indication

Charging indicator (Charging case)
The orange indicator is always on while charging, and it will turn off once the case is fully charged.

Charging Indicator (Earbud)

When the earbuds have low battery (voltage below 3.3V),
Prompt: Maybe a brief rest to recharge.

When the earphone is put into the charging case

Regular power ⩾10%: white indicator is always on.
Low battery <10%: Orange indicator flashes at 1Hz.
The LED indicator turns off when the earphones are fully charged.
When charging both the case and the earphones simultaneously, the charging case's indicator takes priority.

Restore factory settings

Press and hold the touch area on both earphones for 8 seconds to clear the stored pairing information and restore factory settings.

PROMPT

EXCLUSIVE ROVER'S PROMPT

Function	Prompt
Power On	Ready? Let's head out.
Power Off	Need a break? Till next time then!
Connecting	Detecting frequency.
Connected	Resonance established.
Game Mode	Let the battle begin!
Music Mode	Enjoy the groove.
Battery Low	Maybe a brief rest to recharge.
Disconnected	Resonance ceased.

*This feature includes separate prompt versions for male and female Rover, which can be switched in the MOONDROP app.

SPECIFICATIONS

Product: Moondrop U.C.T.S.
Product Type: Hybrid Dual Driver Ultra HiFi Sound OWS
Model: MD-OWS-014
Bluetooth version: Bluetooth 6.0
Bluetooth profiles: A2DP / AVRCP / HFP / HSP
Codec: SBC / AAC / LC3 / LHDC-V
Charging Port: USB-C
Working distance: 10 meters (barrier-free environment)
Compatible devices: Bluetooth-enabled devices and smartphones
Earbud charging time: Approximately 1.7 hours
Charging case charging time: Approximately 2 hours
Input: 5V⎓1A
Output: 5V⎓0.25A
Earbud capacity: 3.7V / 40mAh
Charging case battery capacity: 3.7V / 300mAh
Earbud battery life: Approximately 9 hours (AAC, adaptive bass enhancement algorithm disabled)
Charging case battery life: Approximately 21.5 hours (AAC, adaptive bass enhancement algorithm disabled)
CMIIT ID: 26J51A528654
IC: 30336-MDOWS014
FCC ID: 2AY45-MD-OWS-014-L,2AY45-MD-OWS-014-R

⚠ Please ensure to use the charging equipment that matches the input of the charging case (5V⎓1A) for charging.

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Designed, Developed, Made By MOONDROP CO.,
Address: Haixia Technology Industry Park, Wenjiang District, Chengdu, China

SECURITY INFORMATION

- Using the device in a rough manner may result in damage, explosion, or fire.
- Avoid dropping or subjecting the equipment to strong impact, as this could lead to equipment or battery damage, abnormal functioning, or reduced service life. It may also cause overheating, burning, fire, or other hazards.
- Handle and dispose of equipment and chargers with care, and do not throw them into the fire.
- Keep batteries and equipment away from heating appliances such as microwaves, ovens, or radiators to prevent overheating and potential explosions.
- When disposing of waste batteries or equipment, ensure compliance with local laws and regulations.
- Refrain from squeezing or puncturing the equipment.
- Avoid exposing the equipment to high external voltages, as this could result in internal short circuits and overheating.
- Take measures to protect equipment, batteries, and chargers from damage.
- Avoid exposing equipment and batteries to extreme temperatures, as this can lead to equipment damage, reduced charging capacity, and shortened service life.
- Refrain from using data cables with peeling or damaged insulation, as well as damaged or malfunctioning chargers.
- Do not store equipment near or inside water heaters, microwave ovens, hot cooking equipment, or high-pressure vessels, as this could lead to battery leakage, equipment overheating, and fire hazards.
- Avoid using or storing the equipment in areas with high concentrations of dust or airborne particles.

- Dust or foreign matter may lead to equipment failure, fire, or electric shock.
- Keep the charger socket and the smaller end of the charger away from conductive materials such as liquid, dust, metal powder, or pencil lead.
- Avoid touching the charger socket with sharp tools or hitting it, as conductive materials may cause short circuits or corrosion of contacts, leading to explosions or fires.
- When using the wireless charger, do not place foreign objects such as metal objects, magnets, or magnetic stripe cards between the device and the wireless charger, as this may result in improper charging or overheating.
- Refrain from biting or sucking on equipment or batteries to prevent damage, explosions, or fires. Children or animals may suffocate if they swallow small

parts.
- If children use the equipment, ensure that they do so correctly.
- Do not poke the equipment or the attached accessories near the eyes, ears, or mouth, as this may cause suffocation or serious injury.
- Do not use damaged or leaking batteries. To dispose of batteries safely, please contact the customer service.
- Some equipment and accessories contain magnets. The American Heart Association and the British Drug and Health Products Administration have warned that magnets can affect the operation of implantable pacemakers, heart rate changers, defibrillators, insulin pumps, or other electronic medical devices (collectively referred to as "medical devices") within 15cm. If you use any of these medical devices, please refrain from using this device and some accessories until consulting your doctor.
* Failure to follow safety precautions and regulations may result in personal injury or property damage.
* Avoid using the equipment near other electronic devices, as most electronic devices use radio frequency signals and may be susceptible to interference.
* Do not use the equipment in hospitals, airplanes, or automobiles where radio frequency interference may occur.
* If possible, keep the equipment at least 15 cm away from pacemakers to minimize interference. If using medical equipment, consult the manufacturer to determine if it will be affected by the radio frequency emitted by this equipment.
* When on a plane, electronic equipment may interfere with the plane's electronic navigation system. Always follow airline regulations and flight crew instructions. If allowed, use airplane mode.
* The electronic equipment in your car may experience failure due to radio interference. Contact the manufacturer for more information.
- Do not place the equipment in an area with heavy smoke or fog, as it may lead to damage or failure of the equipment.
- If you use hearing aids or cochlear implants, please contact the manufacturer for information about potential radio interference. The radio frequency emitted by this equipment may interfere with some hearing aids and cochlear implants. Before using this equipment, please contact the manufacturer to determine whether it will be affected by the radio frequency emitted.
- Avoid using the equipment near other devices or

instruments that emit radio frequency, such as sound systems or radio antenna towers, as it may cause equipment failure.
- Turn off the equipment in environments where an explosion may occur. Always adhere to regulations, instructions, and signage in such environments.
- Do not use the equipment at gas stations or near flammable substances, chemicals, or in areas where an explosion may occur.

- Do not store or carry flammable liquids, gases, or explosives in boxes containing equipment, equipment parts, or accessories.
- If any part of the equipment is damaged, smoking, or emits the smell of burning, please stop using the equipment immediately. It can only be reused after being repaired by the MOONDROP Service Center.
- Broken glass can cause injury to your hands and face.
- If the equipment smokes or emits the smell of burning, it may cause the battery to explode or catch fire.
* Please adhere to all safety warnings and regulations regarding the use of equipment while driving. When driving, your primary responsibility is to drive safely. If it is prohibited by law, please do not use the equipment while driving. For the safety of yourself and others, please follow the safety warnings and relevant regulations and remember the following tips:
1. Place the equipment in an easily accessible position. You can use wireless devices without taking your eyes off the road.
2. Suspend calls during traffic jams or bad weather (rain, sleet, snow, ice). Rain, sleet, snow, ice, and heavy traffic can be dangerous.
3. Do not record voice memos. Recording voice memos while driving will distract you from your primary responsibility to drive safely.
4. Based on the traffic situation, decide whether to answer the call reasonably. Answer incoming calls when you are not moving or in traffic jams. Try to make a phone call after parking.
5. Please avoid talking nervously or excitedly to prevent distraction. Let the caller know that you are driving.
- Ensure proper maintenance and use of the equipment. Keep the equipment dry as wet steam and liquid can damage equipment components or circuits.
- Do not turn on the machine when the equipment is wet. If the device is turned on, please turn it off. If the device cannot be turned off, keep it in its current state. Then dry the equipment with a towel and contact the seller or

Customer Service Center.

- This equipment comes with a built-in liquid indicator. Water damage will void the manufacturer's warranty.
- The equipment should only be stored on a flat surface to avoid damage from drops.
- The equipment can be used in ambient temperatures ranging from 0°C to 35°C, and can be stored in temperatures between -20°C and 50°C. Using or storing the equipment outside these temperature ranges may cause damage or shorten battery life.
- Avoid storing the equipment in extremely hot areas, such as cars in summer, to prevent damage or battery explosions.
- Prolonged exposure to direct sunlight, such as on a car's dashboard, or storage with metal objects like coins, keys, and necklaces, may cause scratches or damage to the equipment.
- Contact between the battery contacts and metal objects may lead to fire.
- Keep the equipment away from magnetic fields, as exposure may cause malfunctioning or battery discharge. Magnetic stripe cards (e.g., credit cards, telephone cards, bankbooks, and boarding cards) may also be damaged by magnetic fields.
- Avoid direct contact with the equipment when it is overheated to prevent cryogenic burns, redness, and skin pigmentation.
- After extended use, be mindful of the equipment's temperature to prevent prolonged skin contact.
- Avoid sitting on the equipment or having prolonged skin contact when it is charging or connected to a power supply.

Please pay special attention when children, the elderly, or people with special circumstances use this equipment.

- Protect your hearing and ears when using earplugs. Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sound while walking may distract your attention and cause an accident.
- Always turn down the volume before using earplugs, and only use the lowest volume required to listen to a conversation or music.
- If there are foreign objects on earplugs, and you wear earplugs for a long time, it may cause an ear infection. Please keep the earplugs dry and clean.
- In a dry environment, static electricity may accumulate

in earplugs. Avoid using the earplug in a dry environment, or touching a metal object to discharge static electricity before using the earplug.
- Do not use headphones while driving or riding. Otherwise, it may distract your attention and cause accidents. Depending on your area, it may also be illegal.
- Precautions for using equipment during walking or moving: Always pay attention to the surrounding environment to avoid hurting yourself or others.
- Do not paint or paste paper on the equipment.
- If you are allergic to the paint or metal parts of the equipment, it may cause itching, eczema, or swelling of the skin. When this happens, please stop using the equipment and consult a doctor.
-Install the equipment carefully.

- Do not place equipment and accessories in or near the airbag deployment area. Improper placement may result in serious injury when the airbag expands rapidly.
- Avoid dropping the equipment or causing collisions to prevent damage or malfunction.
- If the equipment becomes bent or deformed, it may damage the equipment or cause parts to malfunction.
- Ensure that the battery and charger reach their maximum service life. If the battery is left unused for a long time, it may fail.
- The equipment will gradually discharge after being left unused for a long time and must be recharged before use.
- It is necessary to disconnect the power supply if you don't use it for a long time.
- The battery should only be used for its specified purpose.
- Follow all instructions in this manual to ensure the longest service life of the equipment and battery. The manufacturer will not guarantee damage or poor performance caused by failure to follow the warnings and instructions.
- Equipment may wear out over time. While some parts and repairs are guaranteed during the validity period, damage or deformation caused by the use of unapproved accessories is not covered by the warranty.

- Do not disassemble, modify, or repair the equipment as this will void the manufacturer's guarantee. For maintenance, please contact the seller or MOONDROP service center.
- Avoid disassembling or puncturing the equipment, as it may cause explosion or fire.

SECURITY INFORMATION

- Do not disassemble or reuse the battery.
- When cleaning the equipment:
1. Wipe the equipment with a soft, dry cloth, and use a brush or other tools to remove earwax or dirt from the receiver.
2. Clean the battery contacts with a dry cloth.
3. Do not use chemicals or cleaning agents as they may cause the surface to fade or corrode and could lead to electric shock or fire.
4. Protect the equipment from dust, sweat, ink, oil, and chemical products (such as cosmetics, antibacterial sprays, hand sanitizers, detergents, and pesticides) as they may damage the internal and external components or cause the performance to deteriorate. If the equipment comes into contact with any of the above substances, please wipe it clean with a soft, non-shedding cloth.
- Use the equipment only for its specified purpose to prevent breakdowns.

- Refrain from using equipment in public places in a way that may disturb others.
- Only allow qualified personnel to repair the equipment. Unauthorized repairs may void the warranty and cause damage.
- Do not distribute copyrighted content without the permission of the owner. This is a violation of copyright law.
- The manufacturer is not liable for any legal issues arising from users' distribution of copyrighted materials without permission.

SECURITY INFORMATION

ISED Warning statements in User Manual

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

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;(2)L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

FCC Warning statements in User Manual

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: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

DISCLAIMER

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* Third-party services may be stopped or interrupted at any time, and MOONDROP is not responsible or guaranteeing the availability of any content or service. The content and services are provided by third parties through networks and transmission equipment that are beyond the control of MOONDROP. In addition to the general exemption clause, MOONDROP also clearly states that it will not bear any responsibility or obligation for any interruption or delay of any content or service applicable to this equipment.

* MOONDROP is not responsible for customer service related to content and service. Any service requirements related to content or service shall be the direct responsibility of the content and service provider.

CONTENT OF HAZARDOUS SUBSTANCES IN PRODUCTS

Hazardous substances and elements						
Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Poly Australian Diphenyl Ether (PBDE)
Circuit components	X	O	O	O	O	O
Metal parts	O	O	O	O	O	O
Plastic parts	O	O	O	O	O	O
Speaker	O	O	O	O	O	O
Battery	X	O	O	O	O	O
Annex	X	O	O	O	O	O

This form is compiled in accordance with SJ/T 11364.

O: Indicates that the amount of the hazardous substance in all homogeneous materials of the part is below the limit requirement specified in GB/T 26572-2011.
X: Indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in GB/T 26572 2011, and there is currently no mature alternative in the industry. Please handle such parts or substances properly to avoid impact on the environment and human.

⚠ Warning:
Disassembling, impacting, squeezing, or throwing it into the fire is prohibited.
Do not use it if there is significant swelling.
Avoid placing it in high-temperature environments.
Do not use it after it has been soaked.

Bluetooth 6.0

R 007-AQ0025

R-R-SyY-MD-OWS-014