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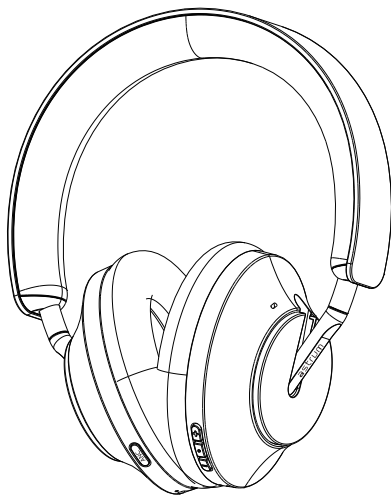
Qualcomm
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RoHS



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FCC ID: 2BFJ5-ASTRUMMZPRO

Bluetooth HEADSET
Astrum MZ PRO



User Manual

WELCOME

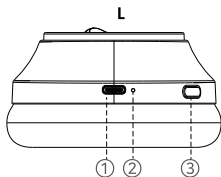
Thank you for purchasing the ASTRUM MZ PRO Hybrid ANC headsets! This user guide provides detailed explanations of the features and operations of your new headset. Please take a few moments to read through this guide thoroughly.

Be sure to read all safety instructions before proceeding. Most setup and performance issues can be resolved by following the guidance provided in this manual. If you have any further questions or need assistance with the operation or use of this product, please contact us.

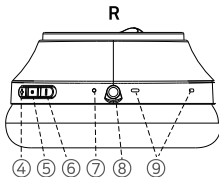
PRODUCT DIAGRAM

- | | |
|---------------------------------------|-----------------------------|
| 1. Bluetooth Headsets - ASTRUM MZ PRO | 4. 1/4" Stereo Plug Adapter |
| 2. USB-C Charging Cable | 5. Carrying Case |
| 3. 3.5mm Audio Cable | 6. User Manual |

PRODUCT DIAGRAM



1. USB-C charging port
2. Power indicator light
3. ANC button
4. Volume +
5. Power/Multi-function button(MFB)



6. Volume -
7. Bluetooth indicator light
8. 3.5mm AUX port
9. Microphone

OPERATION INSTRUCTIONS

Power ON

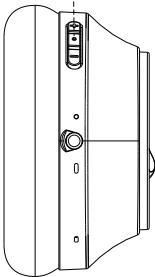
Press and hold the power button for 2 seconds.
The LED light will turn blue and you will hear the voice prompt "Power ON."

Power OFF

Press and hold the power button for 5 seconds.
The LED light will turn red and you will hear the voice prompt "Power OFF."

Music Playback

Play/Pause	Press the MFB once to play or pause the music
Voice assistant	3 Quick Press the MFB
Previous/Next track	Double press the volume+ or volume- button to play the previous track or the next track
Adjust Volume	Press the Volume+ or Volume button to increase or reduce the volume



Call Related

Pick Up a call	Press the MFB once to pick up the call
End a call	Press the MFB again to end the call
Reject a call	Press the MFB for 2 seconds to reject the incoming call
Switch call to call	Press and hold the MFB for 2 seconds during a call
Redial last number	Press the MFB twice in standby status

Noise Cancellation

Adjust the volume of the ASTRUM MZ PRO to ensure it is at a comfortable and safe level.

Activating ANC Mode	Press the ANC button once to turn on Active Noise Cancellation. A voice prompt will announce, "ANC ON."
Activating Transparency Mode	Press the ANC button again to switch to Transparency Mode. A voice prompt will announce, "Transparency."
Deactivating ANC Mode	Press the ANC button thrice to turn off Active Noise Cancellation. A voice prompt will announce, "ANC OFF."

Active Noise Cancellation (ANC)

Active Noise Cancellation (ANC) uses built-in microphones and speakers to eliminate surrounding noise, especially low-frequency sounds like airplane engines or crowds. It works within the 20Hz to 20KHz range, providing an uninterrupted listening experience. Hybrid ANC combines feedforward and feedback microphones for enhanced noise reduction, allowing you to fully immerse yourself in your music or calls.

Transparency Mode

Transparency Mode allows you to hear ambient sounds while wearing your Bluetooth headsets. Using built-in microphones, it transmits surrounding sounds to your ears, amplifying ambient noises so you can hear conversations, traffic, or other environmental sounds more clearly. This mode helps you maintain awareness of your surroundings while enjoying your audio.

Battery Charging

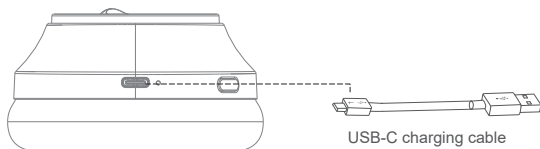
When the battery is low, the power indicator light will flash red. You can also check the headset's battery status on a compatible iOS or Android device.

Step 1: Connect the supplied USB-C charging cable to the charging port on the headsets.

Step 2: Plug the other end of the USB-C charging cable into a USB port on your

computer, TV, or power adapter. The red indicator light will turn off once the battery is fully charged.

Note: Ensure the headsets are charged for at least 2 hours before initial use. The headsets do not operate while charging.



Clearing the Headset's Pairing List

If you need to delete all pairings or reset the wireless connection due to difficulties, press and hold the MFB (Multi-Function Button) for 10 seconds. This will reset the wireless connection.

Smart Voice Assistant

To activate the smart voice assistant on your mobile phone or tablet using the ASTRUM MZ PRO headsets, press the MFB (Multi-Function Button) three times consecutively.

Sync Volume

To sync the volume, single-click the volume sync switch on your mobile device.

Note: Volume synchronization is available for Samsung and Apple smartphones, as well as some other compatible Android devices.

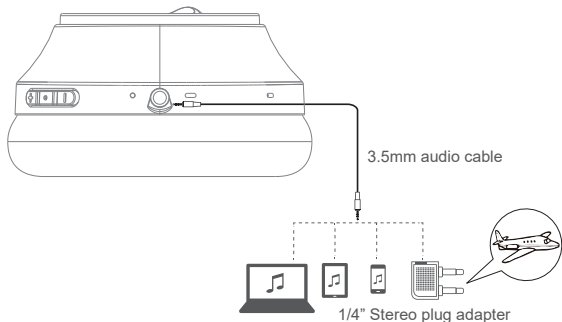
Wear Detection Function

Experience smart, seamless audio with wear detection. Your headphones automatically pause your music when you take them off and resume playback when you put them back on, ensuring you never miss a beat.

Note: To enable or disable the wear detection function, press and hold the volume+ and volume- buttons simultaneously for 2 seconds after powering on the headset.

Wired Connection

The Astrum MZ PRO can be used with the 3.5mm aux cable as a wired headphone connect your non Bluetooth enabled devices.



BLUETOOTH CONNECTION

Pairing the First Device

1. Enable Bluetooth on your Bluetooth-enabled device (mobile, tablet, PC, or TV).
2. Press and hold the MFB (Multi-Function Button) for 2 seconds to turn on the headsets and enter pairing mode. The Bluetooth indicator light will alternately flash red and blue.
3. Search and select "ASTRUM MZ PRO" on your device. Once the device is successfully paired, the LED will flash blue and red, and you will hear the voice prompt, "Connected." The LED will blink slowly in blue.

Connecting Two Devices Simultaneously

This feature allows two devices to be connected to the ASTRUM MZ PRO simultaneously, making it easy to switch between devices without disconnecting and reconnecting.

1. Follow the Bluetooth connection instructions above to connect the first device (Device A).
2. Turn off the ASTRUM MZ PRO and turn it on again to enter pairing mode. Connect the second device (Device B).
3. Select "ASTRUM MZ PRO" on Device A, and the headsets will automatically reconnect to Device A.
4. The ASTRUM MZ PRO will successfully connect to both devices simultaneously, allowing you to switch between devices using the controls on each device.

Note: 1. Each time you want to use this twin pairing function, you must manually connect the second device after the first device is connected.

2. If audio quality is poor or there is crackling noise, the Bluetooth connection may be weak. Ensure the devices and ASTRUM MZ PRO are within range of each other with no major obstacles.

Reconnection

Power on the headphones, and they will automatically reconnect to the last paired device.

Note: If reconnection is unsuccessful, go to the Bluetooth device list on your device and select "ASTRUM MZ PRO."

Disconnection

Method 1: Power off the ASTRUM MZ PRO by pressing and holding the MFB until the Bluetooth indicator light turns off.

Method 2: Deactivate the Bluetooth on your paired device.

SPECIFICATIONS

Mode	Support BT/BLE 5.3
Pairing name	ASTRUM MZ PRO
Noise Cancellation	Hybrid ANC about 37db@200Hz
Transparency mode	Support
Control type	Touch control
Audio decoding	LE audio, APTX Adaptive, APTX, AAC, SBC
APTX Audio	Qualcomm® aptX™ Adaptive
MIC specifications	MEMS2718/-38db±1db
MIC qty	3MIC * 2
BT protocol	A2DP 1.3、AVRCP 1.6、HFP 1.7、SPP 1.2、GATT
RF distance	Outdoor open space ≥10M device: mobile phones, Tablets, Laptops, Bluetooth enable devices
Wear detection function	Wear detection function – The earphones will stop as soon as you remove it from your ears, and will start again once you wear it again.
Music play time	With ANC - About 30 hours Without ANC - About 40 hours
Headset charging time	About 2 hours
Charging port	TYPE C
Headset weight	300g
Adapter type	1/4" Stereo plug adapter
Wired connection	3.5mm audio cable

CARE AND MAINTENANCE

1. Cleaning: Regularly clean your headsets to remove dust, dirt, and stains. Use a soft cloth or cotton swab dipped in a small amount of cleaning solution to gently wipe the surface of the headsets. Avoid excessive moisture or liquid cleaners and ensure the headsets are completely dry before use.

2. Storage: When not in use, store your headsets in a dry, clean, and temperature-controlled environment. Avoid exposing them to direct sunlight or high temperatures to prevent damage.

3. Avoid Tugging: During use, avoid excessive tugging on the headset cables to prevent cable breakage or damage to the connectors. When storing the headsets, neatly coil the cables to avoid tangling or twisting.

4. Avoid Strong Impacts: Protect the headsets from strong impacts or being dropped to prevent damage to internal components.

5. Battery Care: This headset has a built-in battery. Follow the instructions for proper usage, charging, and storage of the battery.

Note: These are general care and maintenance recommendations. Specific procedures may vary depending on the headset model. Refer to the user manual of your headsets for detailed guidance or contact us for assistance

ISSUES AND SOLUTIONS

Issue: The headsets cannot be powered on.

Solution: Charge the headsets.

Issue: How to Charge

Solution: When the battery power is less than 10%, the Bluetooth LED will blink red and emit a beep sound every five minutes. To charge the ASTRUM MZ PRO, use the supplied USB-C cable with a wall charger, travel charger (minimum 5V/1A), or a PC/TV USB port. Most mobile phone chargers on the market are also compatible.

Issue: The headsets can't connect with your mobile device

Solution:

- Check the status indicators.
- Disconnect the backup audio cable and USB charging cable.

- Disable and re-enable the Bluetooth feature on your device.
- Delete ASTRUM MZ PRO from the Bluetooth list on your device, then reconnect.
- Ensure your mobile device is closer to the headsets and away from interference or obstructions.
- Try connecting another mobile device.
- Clear the headsets' pairing list and reconnect.

Issue: Poor sound quality

Solution:

- Use a different music source.
- Connect another mobile device and disconnect it.
- Move your mobile device closer to the headsets and away from interference or obstructions.

Issue: Bad Bluetooth connection

Solution:

- Use a different music source.
- Connect another mobile device and disconnect the previous one.
- Move your mobile device closer to the headsets and away from interference or obstructions.

Issue: No sound

Solution:

- Improve Bluetooth signal strength by moving away from interference.
- Ensure the mobile device is within 10m (33ft) range of the headsets.
- Charge the headsets if the battery is low.
- Check if there's network signal buffering on the player.
- Consider using a Bluetooth device with better compatibility.

Issue: Cannot hear on a call

Solution:

- Power on and charge the headsets.
- Check the status indicators.
- Increase volume on the headsets, or mobile device.
- Move the mobile device closer to the headsets and away from interference.
- Connect to another mobile device or check the Bluetooth connection

Issue: Noise beeping

Solution: The noise or beeping may be caused by weak Bluetooth signals or external interference. To resolve this issue, move away from wireless routers, microwaves, or other sources of interference. Ensure you are closer to your Bluetooth device for a stronger connection.

Issue: Want to listen to music when the battery runs out

Solution: Use the 3.5mm audio cable to connect your audio device and use the headsets in wired mode.

Issue: No sound from a device connected by the backup audio cable

Solution:

- Ensure the ends of the backup audio cable are securely connected.
- Increase volume on the headsets or mobile devices.
- Try connecting to another device.

Issue: Poor sound quality from a device connected by an audio cable

Solution:

- Securely connect the ends of the backup audio cable.
- Connect another device.

Issue: Battery cannot be charged

Solution:

- Ensure the ends of the USB-C charging cable are securely connected.
- Try another charging source.
- Allow the headsets to return to room temperature if exposed to extreme temperatures before charging again.

Issue: Noise canceling function doesn't work

Solution:

- Ensure the noise canceling function is turned on.
- Adjust the earpad position for a snug fit.
- Note that noise canceling is most effective for low-frequency ranges like airplanes and offices, less so for higher frequencies like human voices.

Issue: Audio delay persists

Solution: Ensure your Bluetooth transmitter supports aptX Low Latency for minimal audio delay between sound and image.

Note: These solutions aim to address common issues with ASTRUM MZ PRO headsets, ensuring optimal performance and user experience.

NOTE

Compliance

This equipment has been tested and complies 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 residential installations. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it 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 correcting the interference by:

- Reorienting or relocating the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment to an outlet on a different circuit from the one to which the receiver is connected.
- Consulting the dealer or an experienced radio/TV technician for assistance.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Bluetooth Communications

Bluetooth wireless technology operates within approximately a 10m (30 feet) range. The maximum distance may vary depending on obstacles like people, metal objects, or walls, and the electromagnetic environment. When using the headset for hands-free phone calls, noise may occur depending on the connected device or communication environment. Some devices may require time to establish communications.

Wearing the Headset

Due to its tight seal over the ears, avoid forcibly pressing or quickly pulling off the headset to prevent potential eardrum damage. Clicking sounds from the speaker's diaphragm when wearing the headset are normal and not a malfunction.

- Avoid subjecting the headset to excessive shock as it is a precision device.
- Do not apply stickers or adhesives to the control panel as they may affect touch sensor operation.

- Use only the supplied headphone cable when using the headset as wired headphones.
- Ensure the headphone cable is firmly inserted to maintain proper functionality.
- Bluetooth function may be affected by signal conditions and surrounding environments.
- Avoid applying prolonged weight or pressure to the headset during storage to prevent deformation.
- Discontinue use and consult an Astrum dealer if discomfort occurs during use.
- The headset is not waterproof; do not expose it to water or foreign matter to avoid fire or electric shock.

Cleaning the Headset

- Clean the headset exterior with a soft, dry cloth.
- For stubborn dirt, use a cloth dampened with diluted neutral detergent, ensuring it is well wrung out.
- Do not use solvents like thinner, benzene, or alcohol as they may damage the headset's finish.
- Keep the headset and accessories away from magnetic cards, as the magnets may affect the card's usability.

These guidelines ensure proper operation, maintenance, and safety when using your headset. For specific details, refer to the user manual or contact an Astrum dealer for assistance.

PRODUCT SAFETY INFORMATION

Improper use of the product can cause damage or endanger personal and property safety. Please follow these guidelines:

1. Battery Safety:

- Avoid exposing the product to direct sunlight, electric heaters, or overheating environments.
- Do not store the product in places with high temperatures, strong light, or strong magnetic fields.
- Be cautious of extreme temperatures (high or low) during use, storage, or transportation, as well as low air pressure at high altitudes.

2.Environmental Conditions:

- Keep the product away from fire sources and avoid intense physical actions such as knocking, throwing, trampling, or squeezing.
- Do not use the product if it shows signs of expansion.

3.Operating Temperature: The recommended ambient temperature range for the product is 0°C to 25°C (32°F to 77°F).

4.Proper Use: Use the product following the user manual and heed warnings to prevent damage or safety hazards. The consumer assumes responsibility for any consequences resulting from inappropriate use.

5.Repair and Maintenance: Only allow professionals to repair the product. Non-professional repairs are strictly prohibited.

6.Load Limits: Do not exceed the product's output current capacity when using electrical appliances. The circuit protection mechanism will automatically stop operation if the load exceeds the limit.

7.Charging Contacts Maintenance: Regularly clean the charging contacts of the headsets with a clean cotton cloth to prevent charging or power-on issues due to prolonged dirt accumulation.

8.Water Resistance: Do not immerse the product in water or place it in a washing machine. If water enters the product, allow it to dry naturally before use.

Note: These precautions ensure the safe operation and longevity of your product. For further assistance, refer to the user manual or contact customer support.