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realme Buds Air 8

realme Buds Air 8 Wireless Bluetooth Earbuds User Manual

Model: Buds Air 8 (RMA2503)

1. Introduction

Thank you for choosing the realme Buds Air 8 Wireless Bluetooth Earbuds. These earbuds are designed to provide a superior audio experience with features such as adaptive noise cancellation, AI translation, and intuitive touch controls. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your device.

What's in the Box

- realme Buds Air 8 Earbuds x 1 pair
- Charging Case x 1
- Eartips x 6 (M size pre-installed)
- USB Type-C Charging Cable x 1
- User Guide x 1
- Warranty and Safety Guide x 1

2. Product Overview



Figure 2.1: realme Buds Air 8 Charging Case. The case features a sleek, diamond-style aesthetic with the realme logo prominently displayed.



Figure 2.2: realme Buds Air 8 Earbuds. These in-ear earbuds are ergonomically designed for comfort and secure fit, featuring touch control areas.



Figure 2.3: USB Type-C Charging Port on the realme Buds Air 8 Charging Case. Located at the bottom of the case for convenient charging.

3. Setup

3.1 Charging the Earbuds and Case

1. Place the earbuds into the charging case. Ensure they are correctly seated.
2. Connect the USB Type-C charging cable to the charging port on the case (Figure 2.3) and plug the other end into a power adapter (not included).
3. The indicator light on the case will show charging status. A full charge for both case and earbuds takes approximately 2 hours.

3.2 Pairing with Your Device

1. Open the charging case. The earbuds will automatically enter pairing mode (if it's the first time or after a reset).
2. On your smartphone or Bluetooth-enabled device, go to Bluetooth settings and turn on Bluetooth.
3. Search for available devices and select "realme Buds Air 8" from the list.
4. Once connected, you will hear a confirmation tone, and the earbuds will be ready for use.

3.3 Fitting the Earbuds

- Choose the correct size eartips for a comfortable and secure fit. A good seal is crucial for optimal sound quality and noise cancellation.
- Gently insert the earbuds into your ear canal and twist slightly to secure them.

4. Operating Instructions

4.1 Touch Controls

The realme Buds Air 8 feature intuitive touch controls on each earbud. The specific functions can often be customized via the realme Link app.

Action	Function

Action	Function
Double-tap	Play/Pause music, Answer/End call
Triple-tap	Next track
Press and hold (one earbud)	Switch between Noise Cancellation / Transparency Mode
Press and hold (both earbuds)	Activate AI Translation (if supported and configured)

4.2 Adaptive Noise Cancellation (ANC)

The earbuds feature an adaptive deep noise cancellation algorithm that optimizes noise reduction parameters in real-time based on environmental noise and ear canal shape. This ensures effective blocking of ambient noise for an immersive listening experience.

- **Noise Cancellation Mode:** Reduces external ambient noise. Ideal for travel or noisy environments.
- **Transparency Mode:** Allows you to hear your surroundings while still enjoying your audio. Useful for awareness in urban environments.
- Switch modes by pressing and holding one earbud (refer to Touch Controls table).

4.3 AI Translation

The realme Buds Air 8 offer real-time synchronized translation of conversations, facilitating communication across language barriers. This feature is ideal for international meetings and travel.

- To activate AI Translation, press and hold both earbuds simultaneously (refer to Touch Controls table).
- Ensure your connected device has the necessary realme Link app and translation services configured.

4.4 Call Functions

- **Answer/End Call:** Double-tap either earbud.
- **Reject Call:** Press and hold either earbud for 2 seconds.
- The earbuds use three integrated microphones and DNN neural network technology for clear voice capture during calls.

5. Maintenance

5.1 Cleaning

- Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth.
- Remove eartips and clean them separately with water and mild soap if necessary. Ensure they are completely dry before reattaching.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Clean the charging contacts on both the earbuds and the case to ensure proper charging.

5.2 Storage

- When not in use, always store the earbuds in their charging case to protect them and keep them charged.
- Store the device in a cool, dry place, away from extreme temperatures and direct sunlight.

5.3 Water and Dust Resistance (IP55)

The realme Buds Air 8 are rated IP55 for water and dust resistance. This means they are protected against limited dust ingress and low-pressure water jets from any direction. However, they are not waterproof and should not be submerged in

water or exposed to heavy rain.

- Do not charge the earbuds or case if they are wet.
- Avoid using the earbuds in saunas, steam rooms, or during water sports.

6. Troubleshooting

6.1 Pairing Issues

- **Earbuds not connecting:** Ensure Bluetooth is enabled on your device and the earbuds are in pairing mode (open case).
- **Cannot find "realme Buds Air 8":** Try turning Bluetooth off and on again on your device. If the issue persists, reset the earbuds.
- **Connection drops frequently:** Ensure the earbuds are within the effective Bluetooth range (≤10m) of your device and there are no significant obstructions.

6.2 Sound Issues

- **No sound:** Check volume levels on both your device and the earbuds. Ensure earbuds are properly seated in your ears.
- **Low volume or poor sound quality:** Clean the eartips and earbud mesh. Ensure eartips provide a good seal.
- **One earbud not working:** Place both earbuds back in the case, close it, then open it again. If the problem persists, try resetting.

6.3 Charging Issues

- **Earbuds not charging:** Ensure earbuds are correctly placed in the case and charging contacts are clean. Check if the charging cable and adapter are working.
- **Case not charging:** Verify the USB Type-C cable and power source.

6.4 Touch Control Unresponsive

- Ensure your fingers are clean and dry.
- Try restarting the earbuds by placing them in the case and closing it for a few seconds.

6.5 Resetting the Earbuds

If you encounter persistent issues, a factory reset may resolve them. Refer to the specific instructions in your included "Warranty and Safety Guide" or the realme Link app for the exact reset procedure, as it can vary.

7. Specifications

Model Name	Buds Air 8 (RMA2503)
Chip	BES2710IHC
Earbud Weight	4.7 ± 0.2g (each)
Charging Case Weight	36.88 ± 1g
Charging Case Dimensions	60.0mm × 48.0mm × 24.05mm
Earbud Dimensions	29.85mm × 20.5mm × 23.74mm

Water & Dust Resistance	IP55
Earbud Battery Capacity	62mAh (each)
Charging Case Battery Capacity	530mAh
Charging Time (Case + Earbuds)	Approx. 2 hours
Total Playback Time	Up to 58 hours (with charging case, 50% volume, normal mode)
Sound Unit	11mm + 6mm Dynamic Drivers
Microphone Sensitivity	-38 ± 1dB
Impedance	11mm: 16Ω / 6mm: 10Ω
Sound Pressure	97 ± 2dB
Speaker Sensitivity	117 ± 3dB
Bluetooth Version	5.4
Bluetooth Codecs	SBC/AAC/LHDC
Bluetooth Protocols	HFP/A2DP/AVRCP/BLE
Effective Bluetooth Range	≤10m
Control Method	Touch
Compatible Devices	Mobile phones, Tablets, Desktop computers, Laptops
Specific Uses	Music, travel

8. Warranty and Support

8.1 Warranty Information

The realme Buds Air 8 come with a**2-year manufacturer's warranty**. Please refer to the "Warranty and Safety Guide" included in your package for detailed terms and conditions, including coverage and claim procedures.

8.2 Customer Support

For further assistance, technical support, or warranty claims, please visit the official realme support website or contact their customer service. Keep your proof of purchase handy.

You can find more information and support resources on therealme Brand Store on Amazon.

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