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› Roujune X20 Pro Bone Conduction Headphones User Manual

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Model: X20 Pro

INTRODUCTION

The Roujune X20 Pro Bone Conduction Headphones are designed for active lifestyles, featuring an open-ear design, IPX8 waterproofing, and dual Bluetooth and MP3 modes. These headphones transmit sound through your cheekbones, allowing you to remain aware of your surroundings while enjoying audio. With 32GB of built-in memory, you can store thousands of songs for use in MP3 mode, especially beneficial for underwater activities where Bluetooth connectivity is limited.

The headphones are equipped with Bluetooth 5.4 for stable wireless connections and offer up to 8 hours of playtime on a single charge. Their lightweight design and flexible titanium memory neckband ensure a secure and comfortable fit for various activities, including swimming, running, and cycling.

WHAT'S IN THE BOX

Please check the package contents upon unboxing:

- Swimming Headphones (1 unit)
- Waterproof earplugs (1 pair)
- Adjustment Strap (1 unit)
- Magnetic charging cable (1 unit)
- Waterproof bag (1 unit)



Image: Roujune X20 Pro Bone Conduction Headphones in Gray, shown with included accessories like the magnetic charging cable and earplugs.

SETUP

1. Charging the Headphones

Before first use, fully charge the headphones. Connect the magnetic charging cable to the charging port on the headphones and plug the other end into a USB power source (e.g., computer, wall adapter). The charging indicator light will show the charging status.

2. Powering On/Off

- **Power On:** Hold the power button for 3 seconds.
- **Power Off:** Hold the power button for 3 seconds.

3. Bluetooth Pairing

To pair with a new device:

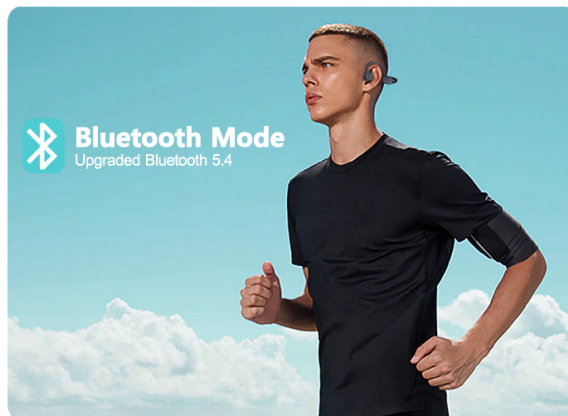
1. Ensure the headphones are powered off.
2. Press and hold the power button until the indicator light flashes red and blue, indicating pairing mode.

3. On your device (smartphone, tablet, laptop), enable Bluetooth and search for 'X20 Pro'.
4. Select 'X20 Pro' from the list of available devices to connect. A voice prompt will confirm successful pairing.

4. Multi-point Connection

The X20 Pro headphones support connecting to two Bluetooth devices simultaneously. Follow these steps:

1. Pair the headphones with Device A (e.g., your laptop).
2. Turn off Bluetooth on Device A.
3. Pair the headphones with Device B (e.g., your smartphone).
4. Turn Bluetooth back on for Device A. The headphones will automatically connect to both devices, allowing seamless switching.



Note: Switch to MP3 mode when swimming; Bluetooth does not function underwater.

Image: Illustration demonstrating the steps for connecting the Roujune X20 Pro headphones to two devices simultaneously via Bluetooth.

5. MP3 Mode and Audio File Download

The headphones feature 32GB of internal storage for MP3 mode. To add audio files:

1. Connect the headphones to your computer using the magnetic charging cable.
2. Your computer will recognize the headphones' internal storage as a USB drive.
3. Open the drive and copy MP3, FLAC, WAV, WMA, APE, or M4A audio files into the storage folder.
4. Before unplugging, safely eject the device from your computer.



Image: Visual guide on how to connect the headphones to a computer and transfer audio files for MP3 mode.

Important Note for Swimming: Bluetooth signals do not transmit effectively underwater. Always switch to MP3 mode for uninterrupted audio playback when swimming or diving.



Image: A person swimming underwater while wearing the Roujune X20 Pro headphones, highlighting their IPX8 waterproof rating. Remember to use MP3 mode for underwater listening.

OPERATING INSTRUCTIONS

Button Functions



Image: Detailed illustration of the headphone controls, showing the power, volume, and multi-function buttons.

Function	Action
Power On/Off	Hold the power button for 3 seconds.
Play/Pause	Click the power button once.
Volume Up	Click the '+' button once.
Volume Down	Click the '-' button once.
Next Song	Hold the '+' button for 2 seconds.
Previous Song	Hold the '-' button for 2 seconds.
Answer/Hang Up Call	Click the power button once.
Refuse to Answer Call	Hold the power button for 2 seconds.
Switch Bluetooth/MP3 Mode	Double-click the power button.
Playback/Shuffle Switch (MP3 Mode)	Triple-click the power button in MP3 mode to toggle between sequential and shuffle playback.
Restore Factory Settings	Hold the power button for 10 seconds.

Using in Different Modes

The X20 Pro headphones offer both Bluetooth and MP3 modes for versatile listening.

- **Bluetooth Mode:** Connect wirelessly to your smartphone, tablet, or other Bluetooth-enabled devices for streaming audio and calls. Ideal for land-based activities like running, cycling, or gym workouts.
- **MP3 Mode:** Utilize the built-in 32GB storage to play pre-loaded music directly from the headphones. This mode is essential for swimming and other underwater activities where Bluetooth signals cannot penetrate water effectively.

Open-Ear Comfort

Secure, comfortable, and built to last

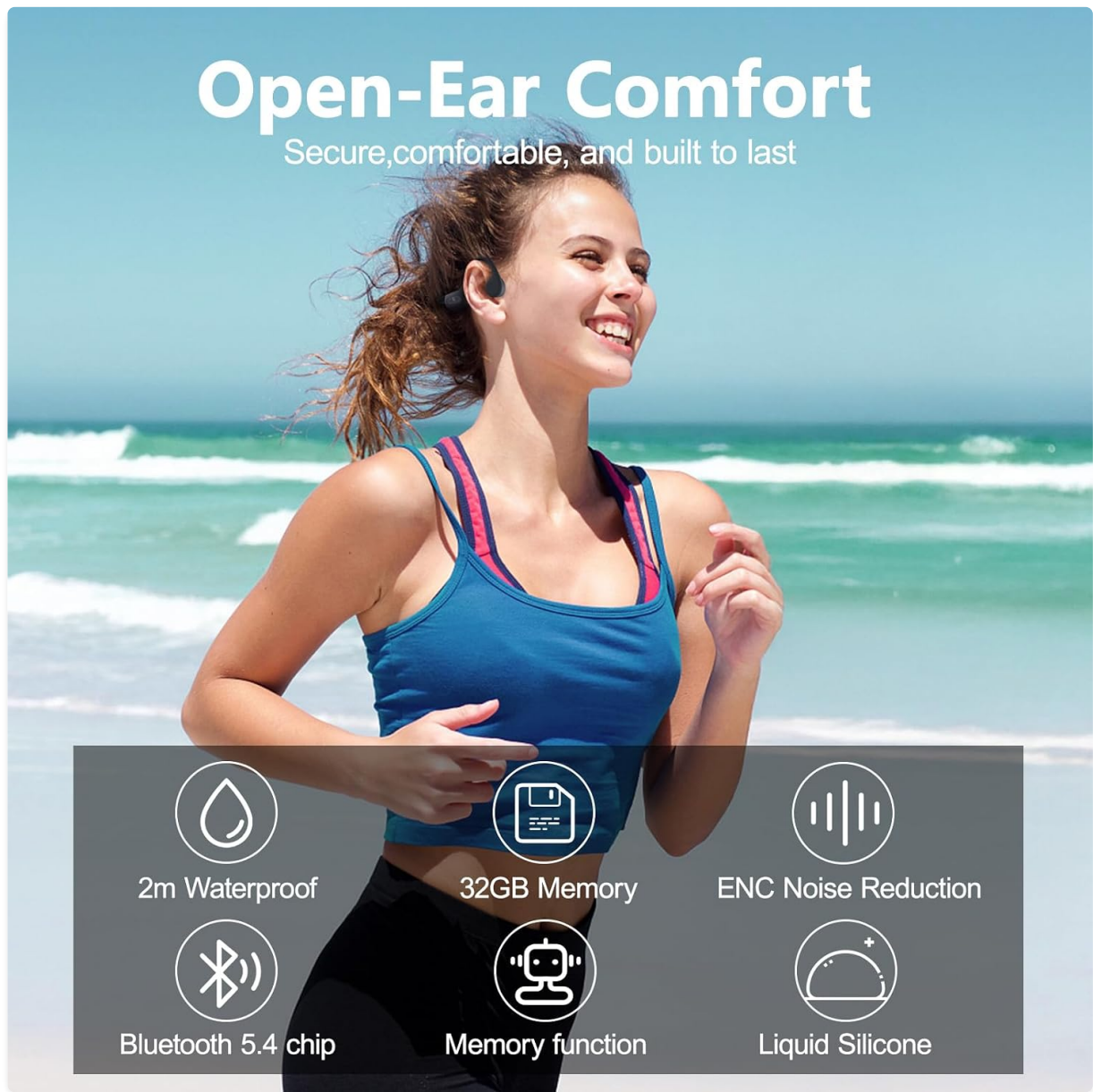


Image: Visual representation of the dual Bluetooth and MP3 modes available on the Roujune X20 Pro headphones.

MAINTENANCE

Proper care ensures the longevity and performance of your Roujune X20 Pro headphones:

- **Cleaning:** After use, especially after swimming or intense workouts, rinse the headphones with fresh water and wipe them dry with a soft cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided waterproof bag for protection during transport.
- **Charging Port:** Ensure the magnetic charging contacts are clean and dry before charging to prevent corrosion.
- **Water Exposure:** While IPX8 waterproof, avoid prolonged submersion beyond recommended depths (up to 2 meters) and ensure the charging port is completely dry before charging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Headphones won't turn on.	Low battery.	Charge the headphones for at least 2 hours.
Cannot pair via Bluetooth.	Headphones not in pairing mode; Bluetooth off on device; too far from device.	Ensure headphones are in pairing mode (flashing red/blue). Turn on device Bluetooth. Move closer to device (within 10 meters). Forget previous pairings on device and try again.
No sound or low volume.	Volume too low; incorrect mode; improper fit.	Increase headphone and device volume. Ensure correct mode (Bluetooth/MP3). Adjust headphones for optimal bone conduction contact on cheekbones.
Bluetooth disconnects frequently.	Interference; distance; low battery.	Move away from sources of interference. Stay within 10 meters of the connected device. Charge headphones.
No sound underwater.	Attempting to use Bluetooth underwater.	Switch to MP3 mode before entering water. Bluetooth does not function underwater.
Cannot transfer files to MP3 mode.	Improper connection; file format issue.	Ensure headphones are correctly connected to computer. Verify audio files are supported formats (MP3, FLAC, WAV, WMA, APE, M4A). Safely eject device after transfer.

SPECIFICATIONS

First waterproof headphones certified by Germany's TÜV authority

Exceeds IP68 with significantly enhanced waterproof performance for all sports scenarios



Image: An exploded view illustrating the internal driver technology and the advanced Bluetooth 5.4 chip within the headphones.

Feature	Detail
Model Name	X20 Pro
Brand	Roujune
Ear Placement	Open Ear
Water Resistance Level	IPX8 Waterproof (TÜV-Certified, up to 2 meters depth)
Internal Memory	32GB (stores up to 8,000 songs/audiobooks)
Bluetooth Version	5.4
Bluetooth Range	Up to 10 meters (33 feet)
Battery Life	Up to 8 hours

Feature	Detail
Charging Time	Approximately 2 hours (Quick Charge: 3 hours playtime in 10 minutes)
Weight	27g
Material	Soft Liquid Silicone, Flexible Titanium Memory Neckband
Noise Control	Passive Noise Cancellation (ENC Environmental Noise Cancellation Technology)
Audio Driver Type	Bone Conduction Driver
Frequency Range	20Hz - 20,000Hz
Compatible Devices	Cellphones, Desktops, Laptops, Tablets (iOS & Android)



How to download audio files for X20 headphones?

1. Connect the headset to your computer using the magnetic charging cable.
2. The computer will recognize the headset's internal storage as a USB drive.
3. Open the drive and copy MP3, FLAC, WAV, WMA, APE, M4A audio files into the folder where the headset is stored.
4. Before unplugging the device, please click "Safely Remove USB Device" on your computer.



Image: A summary of key features including 2m waterproof rating, 32GB memory, ENC noise reduction, Bluetooth 5.4 chip, memory function, and liquid silicone construction.

WARRANTY AND SUPPORT

Warranty Information

The Roujune X20 Pro Bone Conduction Headphones come with a**2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

Customer Support

For any questions, technical assistance, or warranty claims, please contact the Dnniakm service team. Refer to your purchase documentation for specific contact details or visit the official Roujune website for support information.