LOBKIN X20

LOBKIN X20 Bone Conduction Headphones User Manual

Model: X20 | Brand: LOBKIN

1. Introduction and Overview

The LOBKIN X20 Bone Conduction Headphones are designed for active lifestyles, offering a unique open-ear listening experience. These headphones transmit sound through your cheekbones, leaving your ears open to ambient sounds, enhancing safety during outdoor activities. With an IP68 waterproof rating, built-in MP3 player with 32GB memory, and Bluetooth 5.4 connectivity, the X20 is suitable for swimming, running, cycling, and other sports.

2. What's in the Box

- LOBKIN X20 Bone Conduction Headphones
- Magnetic Charging Cable (x2)
- USB Adapter
- Earplugs
- Dustproof Bag
- Adjustable Silicone Cord
- User Manual



Figure 2.1: Contents of the LOBKIN X20 package, including the headphones, charging cables, USB adapter, earplugs, dustproof bag, and user manual.

3. Product Features

3.1 Open-Ear Bone Conduction Technology

The LOBKIN X20 utilizes advanced bone conduction technology to deliver clear audio directly to your inner ear via your cheekbones. This open-ear design allows you to remain aware of your surroundings, enhancing safety during outdoor activities. It also reduces ear fatigue and potential hearing damage compared to traditional in-ear headphones.



Figure 3.1: Close-up of the LOBKIN X20 bone conduction headphones, showcasing their ergonomic, open-ear design and flexible silicone material for comfortable wear.

3.2 Dual Mode: Bluetooth 5.4 & Built-in MP3 Player

- **Bluetooth 5.4**: Provides stable, low-latency wireless connectivity for seamless audio streaming from your devices.
- **Integrated 32GB MP3 Player**: Features 32GB of internal memory, capable of storing over 6000 songs, allowing the headphones to function as a standalone MP3 player.
- Seamless switching between Bluetooth and MP3 modes is available.
- **Note:** Bluetooth signals do not transmit effectively underwater; switch to MP3 mode for swimming.



Figure 3.2: An illustration of the LOBKIN X20 headphones highlighting the 32GB internal memory, capable of storing over 6000 songs for MP3 mode.

3.3 IP68 Waterproof Rating

These headphones are specifically designed for water sports, boasting an IP68 waterproof rating. They are fully waterproof, sweatproof, moisture-proof, and dustproof, making them ideal for swimming, snorkeling, and other aquatic activities.

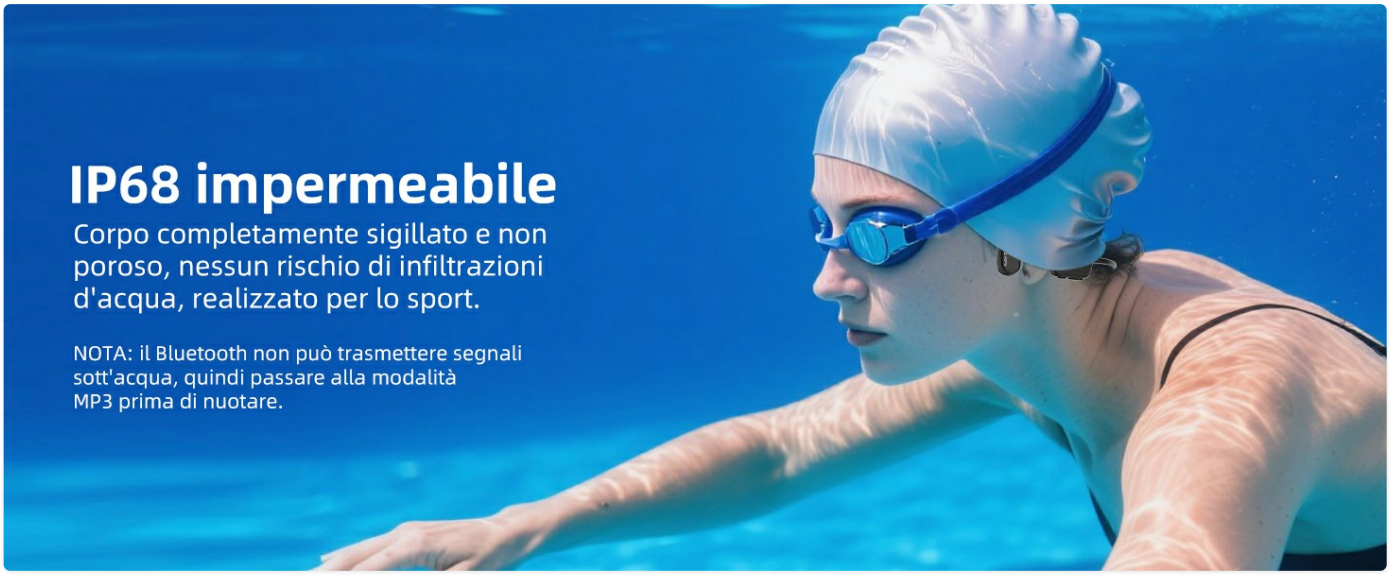


Figure 3.3: A person swimming in blue water with a white cap, wearing the LOBKIN X20 headphones. This image highlights the IP68 waterproof rating, suitable for aquatic activities.

3.4 Lightweight and Comfortable Design

Constructed with skin-friendly, non-slip, soft silicone and a durable titanium alloy neckband, the LOBKIN X20 ensures a secure and comfortable fit. The ergonomic, open-ear design is ultra-lightweight (approximately 34g), providing comfort during intense workouts and extended wear.

3.5 Extended Battery Life

Equipped with a high-quality lithium-ion battery, the headphones offer 8-10 hours of continuous music playback on a single charge. Recharging is convenient via a magnetic connector, taking approximately 2 hours for a full charge.



Figure 3.4: Image showing the magnetic charging port of the LOBKIN X20 headphones, indicating a 2-hour charging time for 8 hours of playback.

4. Setup Instructions

4.1 Initial Charge

Before first use, fully charge the headphones. Connect the magnetic end of the provided charging cable to the charging port on the headphones and the USB end to a power source (e.g., computer USB port, wall adapter). The LED indicator will show the charging status and turn solid when fully charged.

4.2 Power On/Off

- **To Power On**: Press and hold the Multi-Function Button (MFB) for approximately 3 seconds until the LED indicator lights up and a voice prompt confirms power on.
- **To Power Off**: Press and hold the MFB for approximately 3 seconds until the LED indicator turns off and a voice prompt confirms power off.

4.3 Bluetooth Pairing

1. Ensure the headphones are powered on. They will automatically enter Bluetooth pairing mode (indicated by a flashing LED).
2. On your device (smartphone, tablet, computer), enable Bluetooth.
3. Search for available devices and select "LOBKIN X20" from the list.
4. A voice prompt will confirm successful connection.

4.4 Loading Music (MP3 Mode)

1. Connect the LOBKIN X20 headphones to a computer using the magnetic charging cable.
2. The headphones will appear as a removable disk drive on your computer.
3. Drag and drop your desired audio files (MP3, WAV, FLAC, APE formats are supported) into the headphone's storage folder.
4. Safely eject the device from your computer once all files are transferred.

5. Operating Instructions



Figure 5.1: Diagram illustrating the control buttons (MFB, Volume +/-, Microphone) and charging port on the LOBKIN X20 headphones.

5.1 Multi-Function Button (MFB)

- **Power On/Off**: Press and hold for 3 seconds.
- **Play/Pause Music**: Single press.
- **Answer/End Call**: Single press during an incoming call.
- **Reject Call**: Press and hold for 2 seconds during an incoming call.
- **Activate Voice Assistant**: Triple press.
- **Switch Bluetooth/MP3 Mode**: Double press while powered on.
- **Factory Reset**: While powered off, press and hold for 10 seconds.

5.2 Volume Buttons (+ / -)

- **Volume Up**: Single press the "+" button.
- **Volume Down**: Single press the "-" button.
- **Next Track**: Press and hold the "+" button.
- **Previous Track**: Press and hold the "-" button.

6. Maintenance

- **Cleaning**: After each use, especially after swimming or intense sweating, gently wipe the headphones with a soft, dry cloth. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the device.
- **Drying**: Ensure the charging port and surrounding areas are completely dry before connecting the magnetic charging cable to prevent corrosion or damage.
- **Storage**: Store the headphones in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Use the provided dustproof bag for added protection when not in use.
- **Water Exposure**: While the headphones are IP68 rated for water resistance, prolonged exposure to saltwater or chlorinated water should be followed by rinsing with fresh water and thorough air drying.

7. Troubleshooting

- **Headphones not powering on**:
  - Ensure the battery is charged. Connect the headphones to the charger and allow sufficient time for charging before attempting to power on again.
- **Cannot pair via Bluetooth**:

- Ensure the headphones are in Bluetooth pairing mode (indicated by a flashing LED).
- Turn off and then turn on Bluetooth on your device.
- Move closer to your device. The Bluetooth range is approximately 10 meters in open air, but significantly reduced to about 1 meter underwater.
- Try resetting the headphones to factory settings (refer to Section 5.1).

- **No sound in MP3 mode**:
  - Verify that you have successfully transferred compatible audio files to the 32GB internal memory.
  - Ensure the headphones are switched to MP3 mode (double press the MFB).
  - Check the volume levels on the headphones.
- **Sound quality issues**:
  - Ensure the bone conduction transducers are positioned correctly on your cheekbones, just in front of your ears.
  - Adjust the volume to a comfortable level.
- **Charging issues**:
  - Ensure the magnetic charging cable is securely connected to both the headphones and the USB power source.
  - Try using a different USB port or power adapter to rule out a faulty power source.

8. Specifications

Feature	Detail
Brand	LOBKIN
Model Name	X20
Connectivity Technology	Wireless (Bluetooth 5.4)
Bluetooth Range	Up to 10 meters (open air), 1 meter (underwater)
Water Resistance Level	IP68 (Waterproof)
Internal Memory	32GB (for MP3 mode)
Audio Driver Type	Bone Conduction Driver
Ear Placement	Open-ear
Material	Acrylonitrile Butadiene Styrene (ABS)
Battery Life (Average)	10 Hours
Charging Time	2 Hours
Control Type	Button Control (MFB, Volume +/-)
Recommended Use	Swimming, Running, Cycling, Outdoor Sports

9. Warranty and Support

9.1 Warranty Information

This LOBKIN X20 product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product package for specific terms, conditions, and duration of the warranty. Keep your proof of purchase for any warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims regarding your LOBKIN X20 Bone Conduction Headphones, please contact LOBKIN customer support. You can typically find contact information through the retailer where you purchased the product or by visiting the official LOBKIN website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question