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› Dnniakm X20 Swimming Headphones User Manual

Dnniakm X20

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Model: X20

1. INTRODUCTION

The Dnniakm X20 Swimming Headphones are advanced bone conduction headphones designed for active individuals. Featuring IPX8 waterproof technology and 32GB of built-in MP3 storage, they allow you to enjoy high-quality audio during swimming, running, cycling, and other sports activities. With Bluetooth 5.4 connectivity and an open-ear design, these headphones prioritize both sound quality and situational awareness.



Image: Dnniakm X20 Swimming Headphones shown with included waterproof earplugs, adjustment strap, magnetic charging cable, and waterproof bag.

2. WHAT'S IN THE BOX

- Swimming Headphones (1 unit)
- Waterproof Earplugs (1 pair)
- Adjustment Strap (1 unit)
- Magnetic Charging Cable (1 unit)
- Waterproof Bag (1 unit)

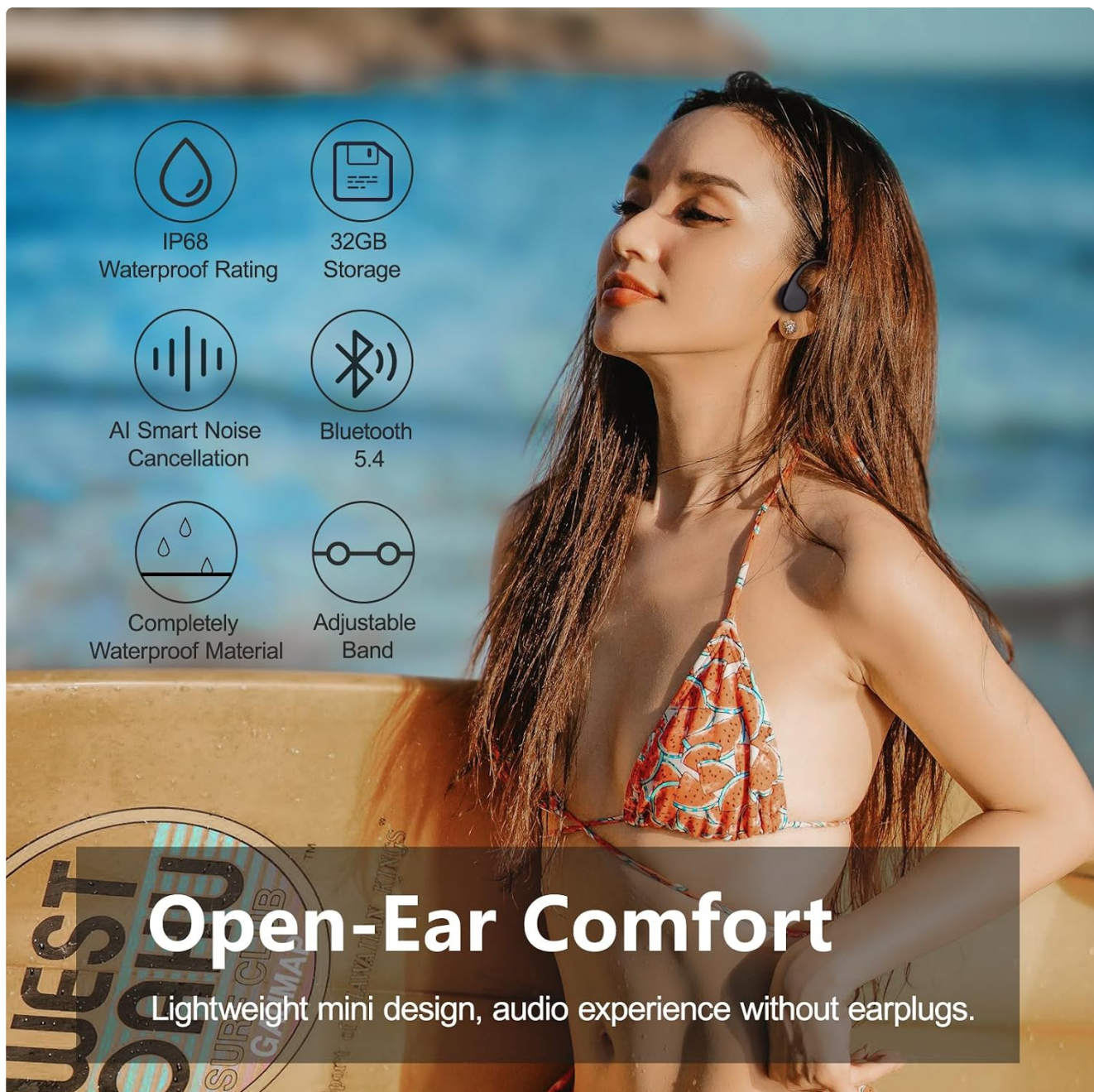


Image: All components included in the Dnniakm X20 package, neatly arranged.

3. SETUP AND OPERATION

3.1 Charging the Headphones

Connect the magnetic charging cable to the charging port on the headphones. Connect the USB end of the cable to a compatible USB power source (e.g., computer USB port, USB wall adapter). The LED indicator on the headphones will show charging status.



Bone Conduction Swimming Headphones Underwater

- IP68 Waterproof Rating
- 32GB Storage
- Magnetic Quick Charging
- Adjustable Strap
- AI Smart Noise Cancellation
- Bluetooth 5.4
- Ultra-Lightweight at 27g
- 110 Hours Standby Time

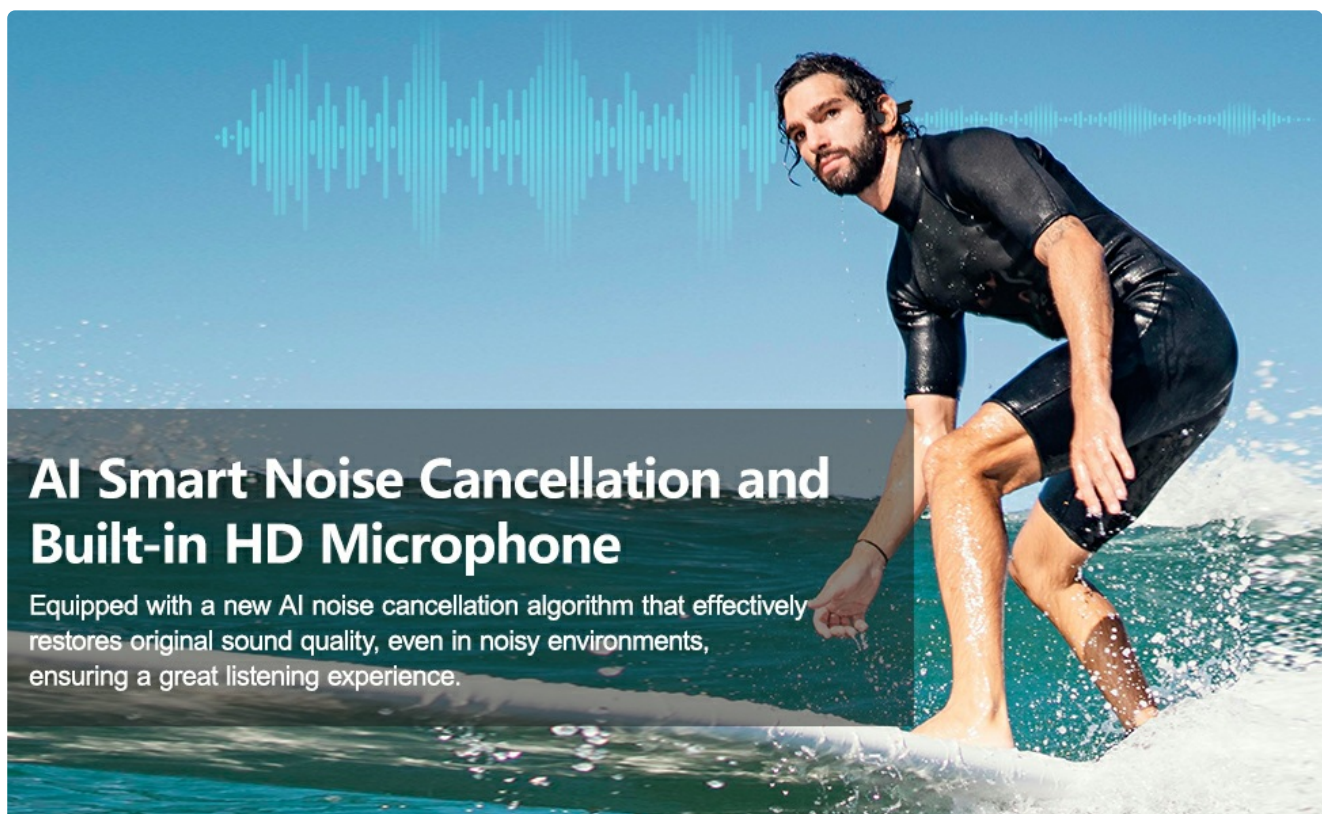
Image: The Dnniakm X20 headphones connected to a laptop via the magnetic charging cable, illustrating charging and data transfer for MP3 files.

3.2 Power On/Off

To power on or off, press and hold the power button for 3-5 seconds.

3.3 Bluetooth Pairing

With the headphones powered on, activate Bluetooth on your device (smartphone, laptop, etc.). Search for "X20" in the list of available Bluetooth devices and select it to pair. The headphones can connect to two Bluetooth devices simultaneously.



AI Smart Noise Cancellation and Built-in HD Microphone

Equipped with a new AI noise cancellation algorithm that effectively restores original sound quality, even in noisy environments, ensuring a great listening experience.

Image: The Dnniakm X20 headphones demonstrating multipoint connection capability with a smartphone.

3.4 MP3 Mode Operation

The headphones feature 32GB of built-in storage for MP3 files. To switch between Bluetooth and MP3 mode, double-press the power button. For uninterrupted playback during swimming, always switch to MP3 mode as Bluetooth signals do not work underwater.

To transfer songs, connect the headphones to your computer using the magnetic charging cable. The headphones will appear as a removable drive, allowing you to drag and drop MP3 files directly onto the device.



Image: A swimmer wearing Dnniakm X20 headphones, highlighting the IP68 waterproof class and the need to switch to MP3 mode underwater.

3.5 Controls

Function	Action
Power On/Off	Hold for 3-5 seconds
Bluetooth/MP3 Mode Switch	Double press power button
Play/Pause	Single press power button
Answer/End Call	Single press power button
Reject Call	Hold power button for 2 seconds
Increase Volume	Single press '+' button
Decrease Volume	Single press '-' button
Next Track	Hold '+' button for 2 seconds
Previous Track	Hold '-' button for 2 seconds

Function	Action
Shuffle Play (MP3 Mode)	Press '+' and '-' buttons simultaneously



Image: Detailed diagram illustrating the control buttons and their functions on the Dnniakm X20 headphones.

4. MAINTENANCE

To ensure the longevity of your Dnniakm X20 headphones, especially after use in water, follow these maintenance guidelines:

- **Rinse After Use:** After each use in chlorinated or saltwater, gently rinse the headphones with fresh water.
- **Air Dry:** Allow the headphones to air dry completely before storing them or attempting to charge. Do not use external heat sources to dry.
- **Clean Charging Contacts:** Periodically wipe the magnetic charging contacts with a dry cloth to prevent corrosion and ensure proper connection.
- **Proper Storage:** Store the headphones in the provided waterproof bag or a dry, cool place away from direct sunlight and extreme temperatures.



Mini Waterproof Headphones

Designed to withstand various environments. These swimming MP3 headphones are fully waterproof, allowing you to dive into water without worry. Perfect for swimming, running, cycling, or intense training.

Image: A woman wearing Dnniakm X20 headphones while relaxing in a pool, demonstrating their waterproof design.

5. TROUBLESHOOTING

- **No Sound Underwater:** Ensure you have switched to MP3 mode. Bluetooth signals do not transmit effectively underwater.
- **MP3 Playback Issues:** If the headphones switch back to Bluetooth mode or do not play, ensure there are compatible MP3 files stored on the device. M4P files are not supported.
- **Low Volume:** The headphones have a fixed minimum volume. If the sound is too low, check your device's volume settings.
- **Sound Not Centered:** Adjust the positioning of the headphones on your cheekbones to ensure optimal sound transmission.
- **Bluetooth Connection Instability:** Ensure your device is within the 10-meter range. Obstacles or interference can affect connection stability.

- **No Low Battery Warning:** The headphones may turn off abruptly when the battery is low without a prior warning. Ensure regular charging.

6. SPECIFICATIONS

Feature	Detail
Model Name	X20
Brand	Dnniakm
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.4
Water Resistance Level	IPX8 Waterproof
Internal Storage	32GB (MP3 Player)
Battery Life	Up to 8 hours
Item Weight	27g (0.95 ounces)
Material	Acrylonitrile Butadiene Styrene (ABS)
Ear Placement	Open Ear (Bone Conduction)

7. WARRANTY AND SUPPORT

Dnniakm offers a **2-year after-sales service** for the X20 Swimming Headphones. If you encounter any issues or have questions regarding your product, please do not hesitate to contact the service team.

Contact Email: easywarranty@outlook.com

Please include your name, email, and order ID when contacting support for faster assistance.