boAt Rockerz 512 ANC

boAt Rockerz 512 ANC Bluetooth Headphones User Manual

Model: **Rockerz 512 ANC** | Brand: **boAt**

1. PRODUCT OVERVIEW

The boAt Rockerz 512 ANC are over-ear Bluetooth headphones designed to deliver an immersive audio experience with advanced features. These headphones incorporate Hybrid Active Noise Cancellation, extended battery life, and specialized modes for gaming and clear communication.

Figure 1: boAt Rockerz 512 ANC Bluetooth Headphones (Bold White)

2. PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- boAt Rockerz 512 ANC Headphones
- Charging Cable
- User Manual

3. SETUP GUIDE

3.1. Charging the Headphones

Before initial use, fully charge your headphones. A full charge provides up to 80 hours of playback time.

1. Connect the charging cable to the charging port on the headphones.
2. Connect the other end of the cable to a USB power source (e.g., wall adapter, computer USB port).

3. The LED indicator will show charging status and turn off or change color when fully charged.
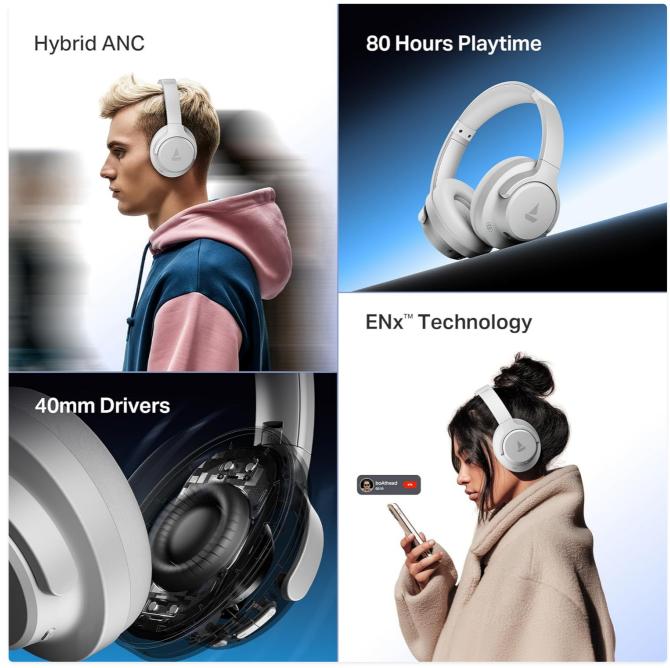

Figure 2: Headphones with 80 Hours Playback indication

3.2. Powering On/Off

- **To Power On:** Press and hold the Power button for approximately 3 seconds until the LED indicator lights up.
- **To Power Off:** Press and hold the Power button for approximately 5 seconds until the LED indicator turns off.

3.3. Bluetooth Pairing

The headphones utilize Bluetooth v5.4 for a stable wireless connection.

1. Ensure the headphones are powered off.
2. Press and hold the Power button for 5-7 seconds until the LED indicator flashes blue and red, indicating pairing mode.
3. On your device (smartphone, laptop, tablet), enable Bluetooth and search for available devices.
4. Select "boAt Rockerz 512 ANC" from the list of devices.
5. Once connected, the LED indicator will flash blue periodically.

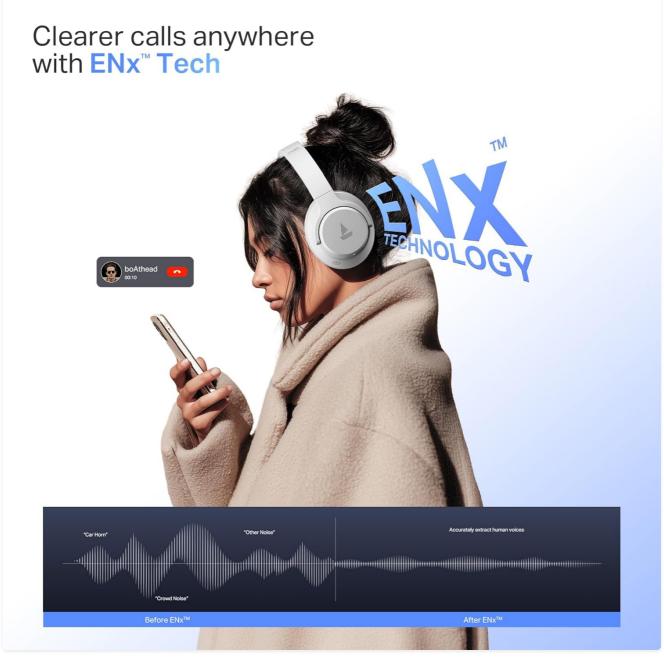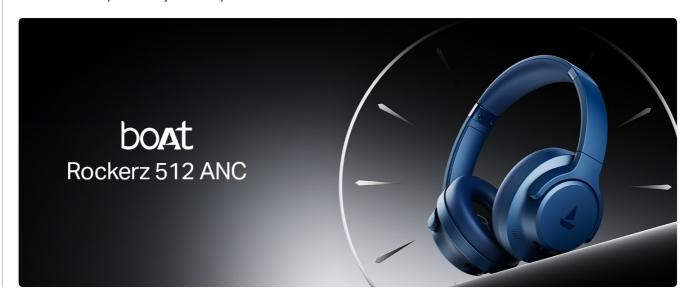*Figure 3: Bluetooth v5.4 Connectivity*

3.4. boAt Hearables App Support

Enhance your experience by downloading the boAt Hearables App. The app provides additional controls and customization options for your headphones.

4. OPERATION

4.1. Active Noise Cancellation (ANC) and Ambient Mode

The headphones feature 40dB Hybrid ANC to minimize external noise and an Ambient Mode to stay aware of your surroundings.

- **ANC Mode:** Activates the Hybrid Active Noise Cancellation, reducing ambient sound by up to 40dB. Ideal for travel or noisy environments.
- **Ambient Mode:** Allows you to hear your surroundings without removing the headphones, useful for conversations or public announcements.
- Switch between modes using the dedicated ANC button or through the boAt Hearables App.
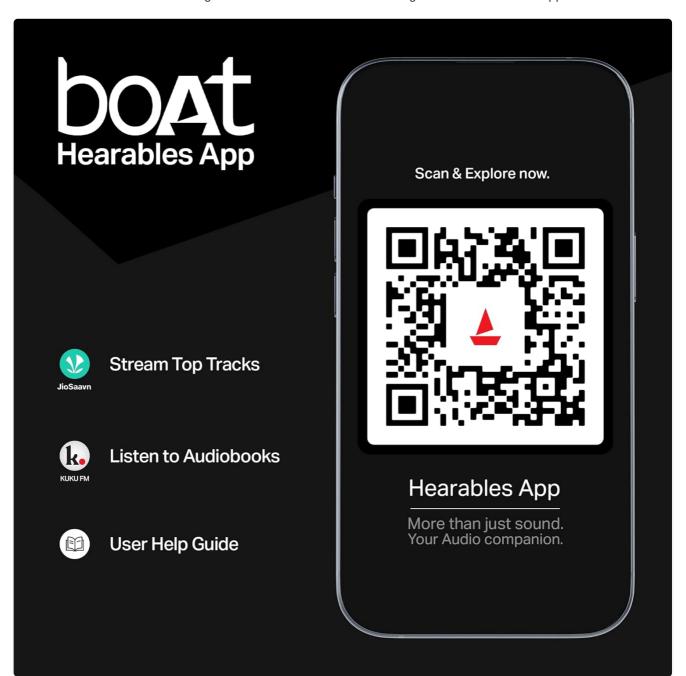
Figure 5: Hybrid Active Noise Cancellation in action

Figure 6: Ambient Mode for situational awareness

4.2. BEAST Mode (Low Latency Gaming)

For an optimized gaming experience, activate BEAST Mode to reduce audio latency.

- BEAST Mode provides an ultra-low latency of 40ms, ensuring audio and video synchronization during gaming or video playback.
- Refer to the user manual or the boAt Hearables App for instructions on activating BEAST Mode.
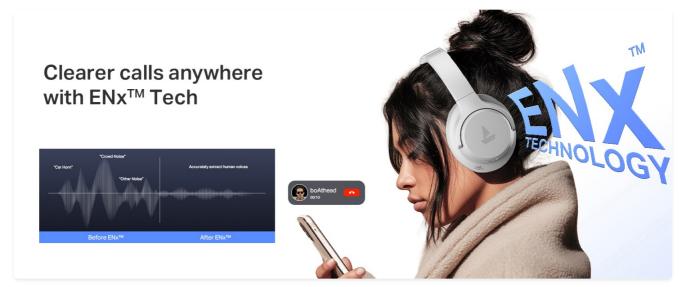
Figure 7: BEAST Mode for ultra-low latency gaming

4.3. Call Functionality with ENx Technology

The integrated microphone with ENx Technology ensures clear voice transmission during calls, even in noisy environments.

- ENx Technology accurately extracts human voices and minimizes background noise for crisp communication.
- Answer/End Calls: Press the Multi-function button once.
- Reject Calls: Press and hold the Multi-function button for 2 seconds.

40dB Hybrid
Active Noise Cancellation

Figure 8: Clear calls with ENx Technology

4.4. Audio Performance

Experience dynamic sound with the powerful 40mm drivers, delivering the signature boAt sound profile.

Foldable Earcups

Bluetooth v5.4

IPX4 Splash Resistance

Figure 9: 40mm Dynamic Drivers for powerful audio

4.5. Voice Assistant

Activate your device's voice assistant (e.g., Google Assistant, Siri) using the headphones' controls. Refer to the full user manual for specific button functions.

5. MAINTENANCE

5.1. Cleaning

- Wipe the headphones with a soft, dry cloth.
- Do not use harsh chemicals or abrasive materials.
- Keep the charging port free from dust and debris.

5.2. Storage

- Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- The foldable earcups allow for compact storage.

Figure 10: Foldable earcups for easy storage

5.3. Water Resistance

The headphones are rated IPX4 for splash resistance, meaning they can withstand splashes of water from any direction. They are not designed for submersion in water.

- Avoid exposing the headphones to heavy rain or submerging them in water.
- Ensure the charging port cover (if present) is securely closed.

Figure 11: IPX4 Splash Resistance

6. TROUBLESHOOTING

If you encounter issues with your boAt Rockerz 512 ANC headphones, refer to the following common solutions:

Issue	Possible Solution
Headphones do not power on.	Ensure the headphones are fully charged. Connect to a power source and try again.
Cannot pair with device.	Ensure headphones are in pairing mode (flashing blue and red LED). Turn off and on Bluetooth on your device. Forget the device from your Bluetooth list and try pairing again. Ensure headphones are within range (10 meters) of your device.

Issue	Possible Solution
No sound or poor sound quality.	Check volume levels on both headphones and your connected device. Ensure the headphones are properly connected to your device. Try playing audio from a different source or application. Re-pair the headphones with your device.
ANC not working effectively.	Ensure ANC mode is activated. Check for proper fit of the earcups over your ears to create a good seal. ANC is most effective against low-frequency, constant noise.
Microphone issues during calls.	Ensure the microphone is not obstructed. Check microphone settings on your connected device. Ensure ENx Technology is active (if applicable via app).

7. SPECIFICATIONS

Feature	Detail
Model Name	Rockerz
Model Number	PB0012
Connectivity Technology	Bluetooth
Wireless Communication Technology	Bluetooth
Bluetooth Version	5.4
Earpiece Shape	Over Ear
Noise Control	Active Noise Cancellation (Hybrid ANC up to 40dB)
Audio Driver Type	Dynamic Driver
Driver Size	40mm
Battery Life	80 Hours
Battery Cell Composition	Lithium Polymer
Special Features	Noise Cancellation, Clear Conversation Mic (ENx Tech), BEAST Mode (40ms Latency), App Support
Water Resistance Level	IPX4 (Water Resistant)
Control Method	Voice
Item Weight	250 Grams
Product Dimensions	17 x 7 x 20 cm
Material	Plastic

Feature	Detail
Compatible Devices	Smartphones, Laptops, Tablets, Smart Speakers

8. WARRANTY AND SUPPORT

boAt products are designed with quality and reliability in mind. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official boAt website.
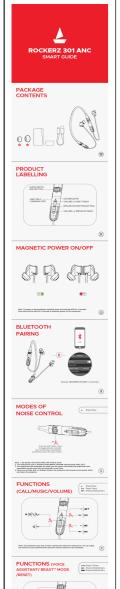
For technical support, troubleshooting assistance, or any other inquiries, please contact boAt customer service through their official website or the contact details provided in your product documentation.

Manufacturer: Imagine Marketing Limited

Email: info@imaginemarketingindia.com

Related Documents - Rockerz 512 ANC

[boAt Rockerz 301 ANC Smart Guide: Features, Pairing, and Specifications](#)
Comprehensive guide for boAt Rockerz 301 ANC wireless neckband earphones, covering setup,

Bluetooth pairing, noise cancellation modes, functions, app compatibility, and technical specifications.

HEARABLES APP COMPATIBILITY

Discover the following features of your Rockerz 303 ANC earphones only on the boAt Hearables app!

- Toggle Noise Cancellation modes
- Button Customization
- Battery and Connectivity Status
- Smart Diagnostics Mode

RESET ROCKERZ

FORGET DEVICE | PRESS AND HOLD THE ANC BUTTON & VOLUME '–' BUTTON SIMULTANEOUSLY FOR 6 SECONDS | PERFORM FRESH CONNECTION

Note: Red and blue LEDs flash alternatively for 1 second to indicate successful reset

LED STATUS GUIDE

<20% : RED LED BLINKS RAPIDLY EVERY 30 SECONDS WITH TONE PROMPT		LOW BATTERY	
SOLID RED LED		CHARGING	
100% : LED TURNs OFF		FULLY CHARGED	

SPECIFICATIONS

Headphone Type	Wireless Neckband Earphones
Bluetooth Version	5.4
Active Noise Cancellation	Up to 32 dB
Music Playtime	Up to 60 hours (Non-ANC mode) Up to 28 hours (ANC mode) (at 60% volume)
ENx™ Technology	Yes
BEAST™ Mode	Yes, 40 ms Low Latency
Transmission Range	10 m
Driver Size	13 mm*2
Frequency	20 Hz-20 kHz
Battery	280 mAh
Charging Time	Up to 50 mins
Charging Interface	USB Type-C
Water Resistance	IPX5

CHARGING GUIDELINES

Charging norms & Precautionary Guidelines:
1) Charger/Block/Adapter : 5V/2A
2) Cable/Wire : Standard Cable (35 strands Ø0.10mm diameter of 40-50mm diameter/ strand)

Any other accessory can be used to charge the product as long as the above-mentioned norms are followed.

Note: 1) Before using the earphones for the first time, it is recommended to fully charge them.
2) Please note that the earphones cannot be used / switched on while charging.
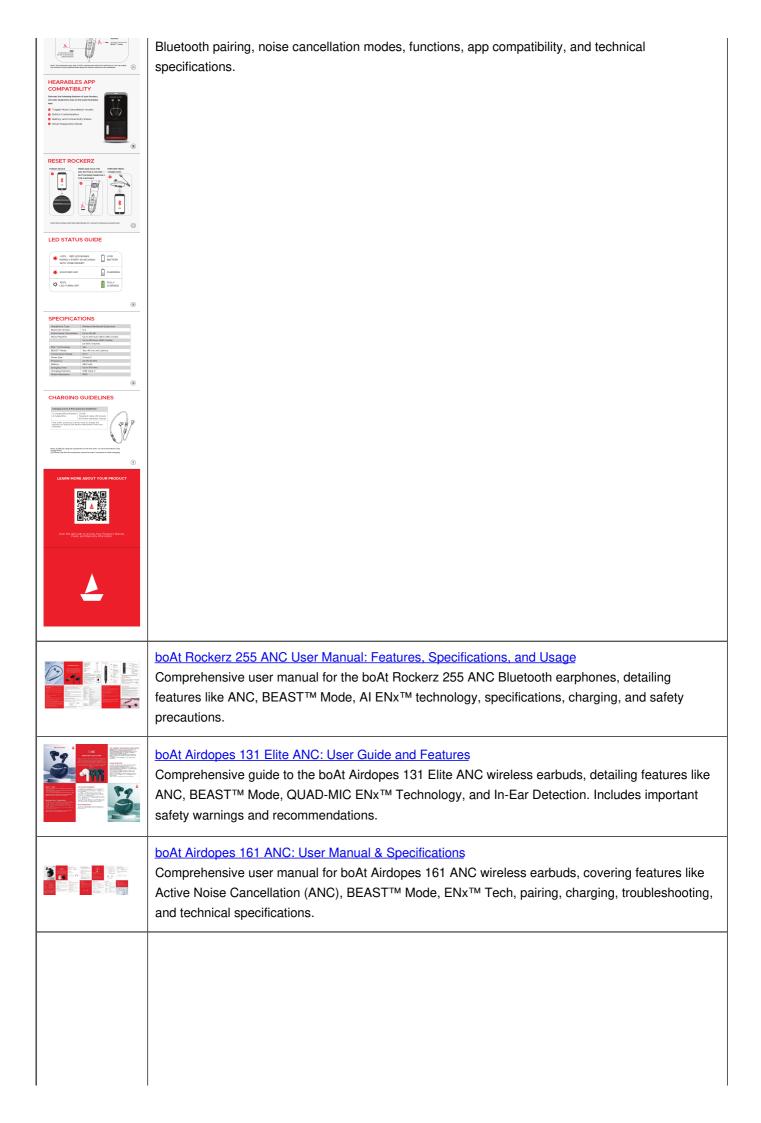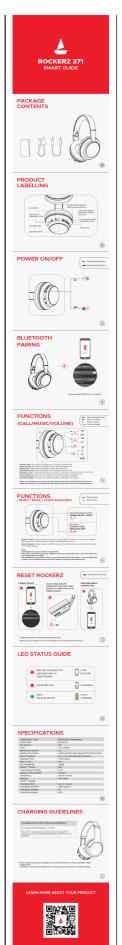
LEARN MORE ABOUT YOUR PRODUCT

Scan this QR Code to Access Your Product's Manual, FAQs, and Warranty Information

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[boAt Rockerz 255 ANC User Manual: Features, Specifications, and Usage](#)
Comprehensive user manual for the boAt Rockerz 255 ANC Bluetooth earphones, detailing features like ANC, BEAST™ Mode, AI ENx™ technology, specifications, charging, and safety precautions.

[boAt Airdopes 131 Elite ANC: User Guide and Features](#)
Comprehensive guide to the boAt Airdopes 131 Elite ANC wireless earbuds, detailing features like ANC, BEAST™ Mode, QUAD-MIC ENx™ Technology, and In-Ear Detection. Includes important safety warnings and recommendations.

[boAt Airdopes 161 ANC: User Manual & Specifications](#)
Comprehensive user manual for boAt Airdopes 161 ANC wireless earbuds, covering features like Active Noise Cancellation (ANC), BEAST™ Mode, ENx™ Tech, pairing, charging, troubleshooting, and technical specifications.

PACKAGE CONTENTS

PRODUCT LABELLING

POWER ON/OFF

BLUETOOTH PAIRING

FUNCTIONS (CALL/MUSIC/VOLUME)

FUNCTIONS (BEAST™ MODE / VOICE ASSISTANT)

RESET ROCKERZ

LED STATUS GUIDE

SPECIFICATIONS

CHARGING GUIDELINES

LEARN MORE ABOUT YOUR PRODUCT

Scan the QR Code to Access Your Product's Manual, FAQs, and Warranty Information

[boAt Rockerz 371 Wireless Neckband Earphones User Guide](#)

User guide for the boAt Rockerz 371 wireless neckband earphones. Discover features like 50 hours of playback, BEAST™ Mode for low-latency gaming, ENx™ Tech for clear calls, and seamless Bluetooth connectivity.

[boAt Rockerz 550 Over-Ear Wireless Headphones User Manual](#)

User manual for the boAt Rockerz 550 Over-Ear Wireless Headphones, detailing specifications, safety precautions, charging, Bluetooth connectivity, and basic functions.