

Manuals.plus /

- › Sanag /
- › Sanag Open-Ear Bluetooth Bone Conduction Sports Headphones User Manual

## Sanag B91S

# Sanag Open-Ear Bluetooth Bone Conduction Sports Headphones

MODEL: B91S - USER MANUAL

## Introduction

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Thank you for choosing the Sanag Open-Ear Bluetooth Bone Conduction Sports Headphones. These headphones are designed to provide a unique audio experience, allowing you to enjoy high-quality sound while remaining aware of your surroundings. Featuring IPX8 waterproofing, 64GB of internal storage for offline listening, and advanced CVC noise reduction, they are perfect for various activities including swimming, running, cycling, and gym workouts. Please read this manual carefully to ensure proper use and maintenance of your device.

## What's in the Box

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Upon opening your Sanag headphones package, you should find the following items:

- Sanag B91S Pro Headphones (1 pair)
- User Manual (this document)
- Charging Cable



Figure 1: Package Contents

## Product Overview

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The Sanag B91S Pro headphones utilize bone conduction technology, transmitting sound vibrations directly to your

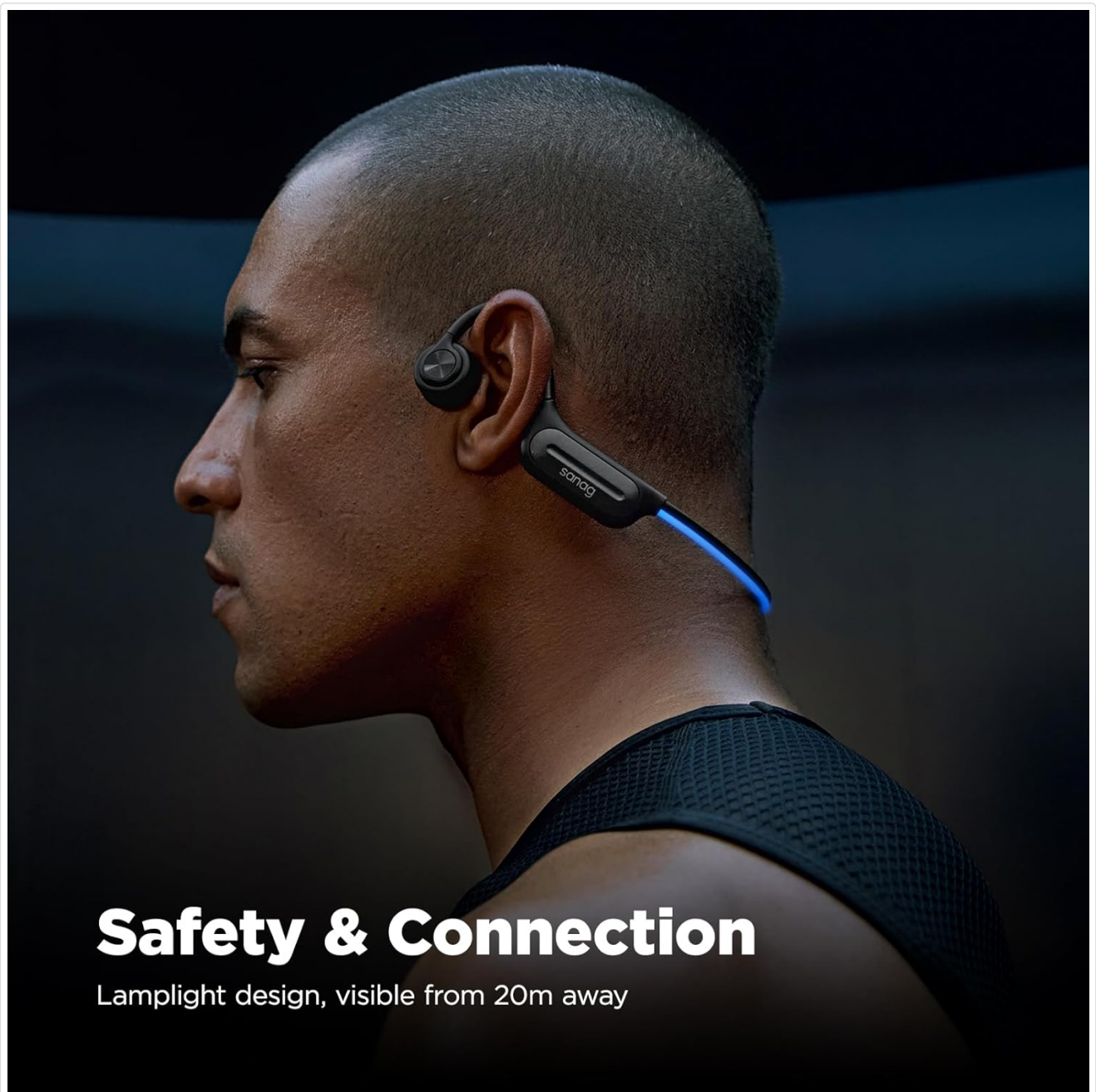
inner ear through your cheekbones, bypassing the eardrum. This open-ear design ensures you can hear ambient sounds, enhancing safety during outdoor activities.



Figure 2: Sanag B91S Pro Headphones

### Key Features:


- **Bone Conduction Technology:** Delivers sound through cheekbones, keeping ears open.
- **IPX8 Waterproof:** Fully submersible, suitable for swimming and intense workouts.
- **64GB Internal Storage:** Store music directly on the headphones for offline listening, ideal for swimming.
- **Bluetooth 5.3:** Stable and efficient wireless connection.
- **CVC Noise Reduction:** Enhances call clarity by reducing background noise.
- **Freq™ Extreme Bass:** High-frequency vibrator intensifies bass for richer sound.
- **Safety Lamplight Design:** Integrated blue light strip for enhanced visibility during night activities.




# Safety & Connection

Lamplight design, visible from 20m away

Figure 3: Safety Lamplight Feature



 **Freq™  
Extreme**

# Premium Sound Quality

The High-Frequency Vibrator intensifies the bass,  
making it sound more saturated.

Figure 4: Premium Sound Quality Technology



Figure 5: IPX8 Waterproofing for Swimming

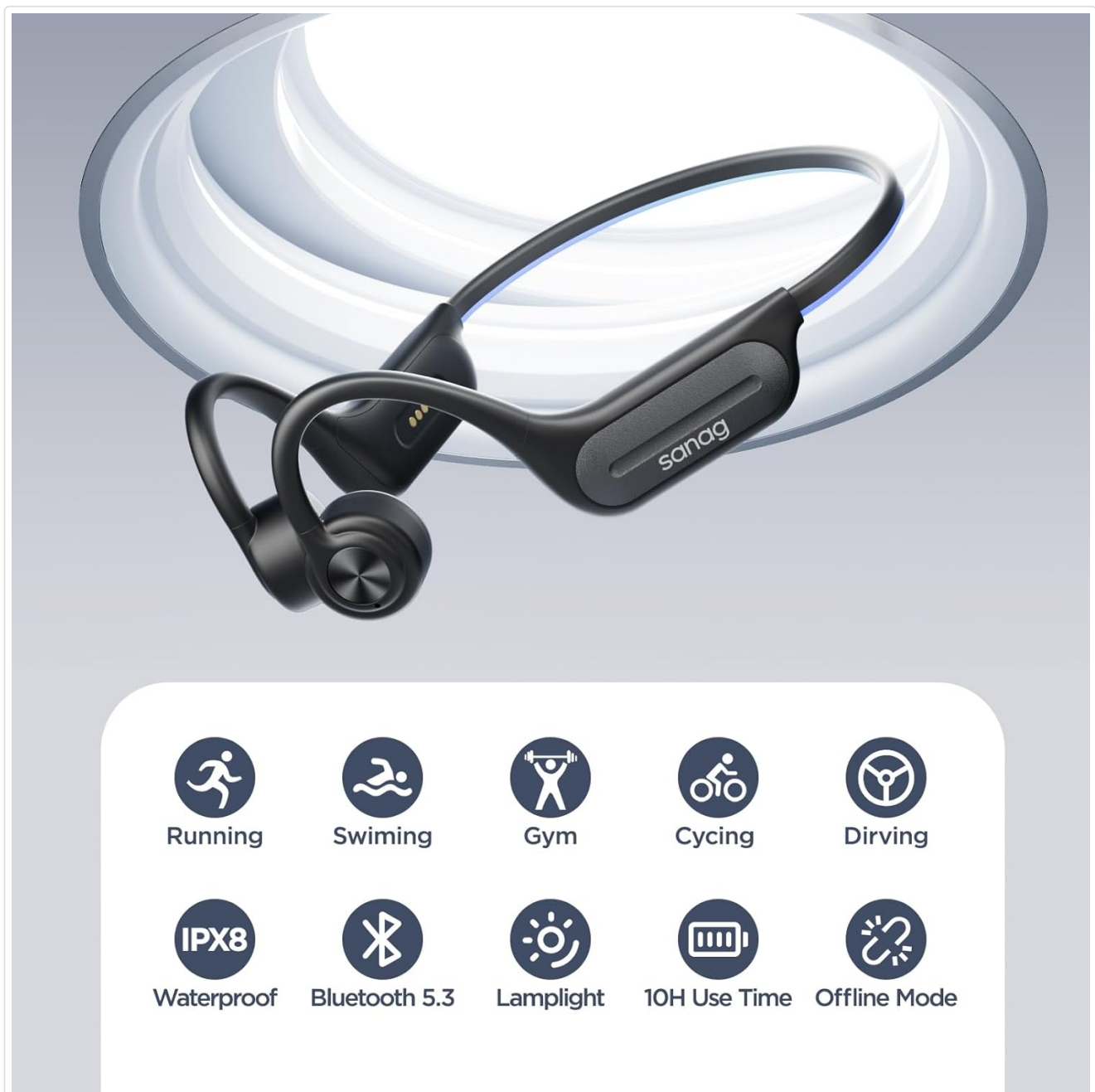


Figure 6: Versatile Use Cases and Features

## Setup

### 1. Charging the Headphones

Before first use, fully charge your headphones. Connect the magnetic charging cable to the charging port on the headphones and the USB-A end to a compatible power source (e.g., computer USB port, wall adapter). The indicator light will show charging status and turn off when fully charged.

### 2. Powering On/Off

- **Power On:** Press and hold the Power/Multi-function button for 3 seconds until the indicator light flashes.
- **Power Off:** Press and hold the Power/Multi-function button for 5 seconds until the indicator light turns off.

### 3. Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Power/Multi-function button for 5-7 seconds until the indicator light flashes red and blue

alternately, indicating pairing mode.

3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "Sanag B91S" (or similar name) from the list.
5. Once connected, the indicator light will turn solid blue or flash slowly.

#### **4. Using Offline Mode (64GB Internal Storage)**

The headphones feature 64GB of built-in storage for music playback without a Bluetooth connection, ideal for swimming. To transfer music:

1. Connect the headphones to your computer using the charging cable. They will be recognized as a removable disk.
2. Drag and drop your desired audio files (MP3, WAV, FLAC, etc.) into the headphone's storage folder.
3. Safely eject the headphones from your computer.
4. To switch to offline mode, press the Mode button (refer to Operating Instructions for button layout).

## **Operating Instructions**

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### **Wearing the Headphones**

Place the headphones around the back of your head, with the transducers resting on your cheekbones, just in front of your ears. Ensure a comfortable and secure fit. The band should rest gently on your neck.



Figure 7: Proper Wearing of Headphones

### **Button Functions**

The headphones feature intuitive controls for easy operation:

Button/Action	Function
<b>Power/Multi-function Button</b> (Long Press)	Power On/Off, Enter Pairing Mode
<b>Power/Multi-function Button</b> (Single Press)	Play/Pause Music, Answer/End Call
<b>Power/Multi-function Button</b> (Double Press)	Activate Voice Assistant
<b>Volume + Button</b> (Single Press)	Increase Volume
<b>Volume + Button</b> (Long Press)	Next Track
<b>Volume - Button</b> (Single Press)	Decrease Volume
<b>Volume - Button</b> (Long Press)	Previous Track
<b>Mode Button</b> (Single Press)	Switch between Bluetooth Mode and Offline Mode

## Call Management

- **Answer Call:** Press the Power/Multi-function button once.
- **End Call:** Press the Power/Multi-function button once during a call.
- **Reject Call:** Press and hold the Power/Multi-function button for 2 seconds during an incoming call.

## Official Product Video

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Video 1: Official SANAG B91S PRO Headphones Overview. This video demonstrates the design, features, and various usage scenarios of the headphones, including their application in sports and daily life.

## Maintenance

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- **Cleaning:** Wipe the headphones with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.
- **Drying After Water Exposure:** After swimming or heavy sweating, ensure the headphones, especially the charging port, are completely dry before charging to prevent corrosion.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** Use only the provided charging cable. Avoid overcharging or leaving the headphones uncharged for extended periods.

## Troubleshooting

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Problem	Possible Cause	Solution
Headphones do not power on.	Low battery.	Charge the headphones fully.
Cannot pair with device.	Headphones not in pairing mode; device Bluetooth off; too far from device.	Ensure headphones are in pairing mode (flashing red/blue); turn on device Bluetooth; move closer to device (within 10m).
No sound or low volume.	Volume too low; not connected; wrong mode.	Increase volume on headphones and device; ensure successful Bluetooth connection; switch to correct mode (Bluetooth/Offline).
Poor call quality.	Weak signal; environmental noise.	Move closer to your device; try to make calls in a quieter environment.
Cannot transfer files to internal storage.	Improper connection; driver issue.	Ensure headphones are properly connected to computer; try a different USB port or computer; check for necessary drivers (usually plug-and-play).

## Specifications

Feature	Detail
Model Name	B91S
Connectivity Technology	Bluetooth
Wireless Communication Technology	Bluetooth
Water Resistance Level	Waterproof (IPX8)
Internal Storage	64GB
Control Method	Touch / Physical Buttons
Audio Driver Type	Bone Conduction Driver
Ear Placement	Open Ear
Item Weight	1.19 pounds (approx. 540g)
Manufacturer	SANAG

## Warranty and Support

Sanag products are manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. For detailed warranty information, technical support, or customer service inquiries, please refer to the warranty card included in your package or visit the official Sanag website. Please retain your proof of purchase for warranty claims.