

## Sanag B21S

# Sanag B21S True Bone Conduction Headphones User Manual

Model: B21S

## INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Sanag B21S True Bone Conduction Headphones. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Sanag B21S True Bone Conduction Headphones
- Type-C Cable
- User Manual

## PRODUCT OVERVIEW

The Sanag B21S headphones feature an open-ear design utilizing bone conduction technology for audio transmission. Key components include the main body with integrated controls, bone conduction transducers, and a flexible neckband.



Image: Sanag B21S True Bone Conduction Headphones, showing the overall design with the flexible neckband and ear hooks.

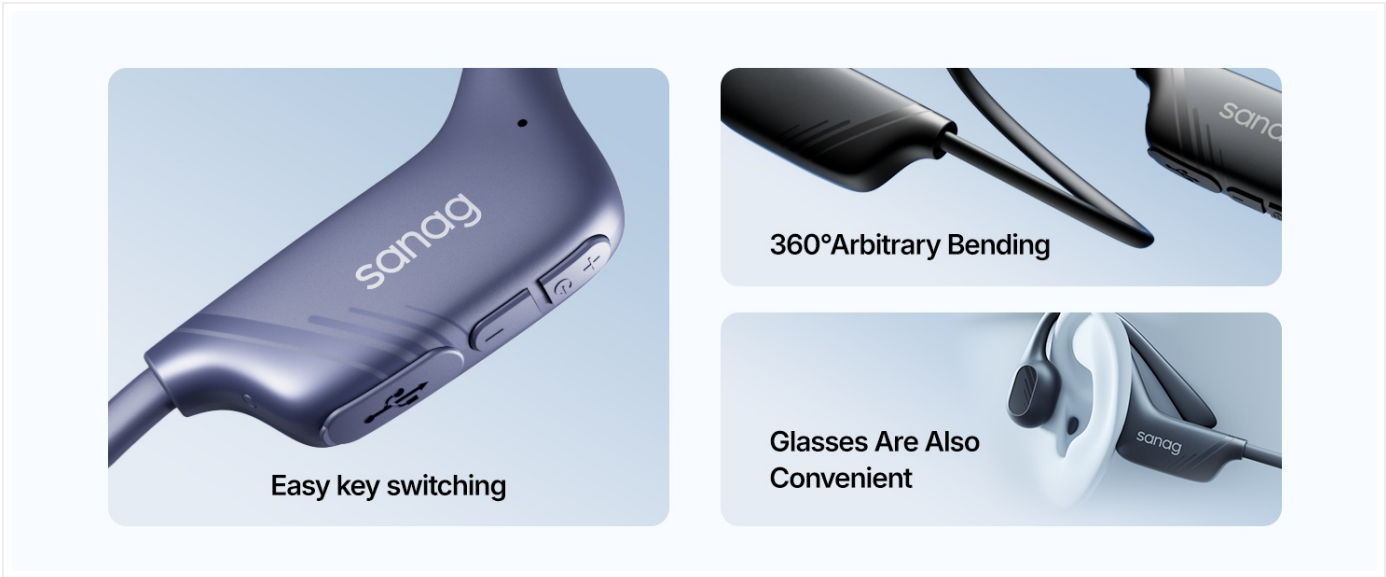


Image: Close-up view of the Sanag B21S headphones, highlighting the control buttons and the Type-C charging port on the side.

## SETUP

### 1. Charging the Headphones

Before first use, fully charge the headphones. A full charge takes approximately 1.2 hours.

1. Connect the provided Type-C cable to the charging port on the headphones.
2. Connect the other end of the cable to a USB power source (e.g., computer USB port, wall adapter).
3. The indicator light will show charging status (refer to LED indicator section for details).
4. Once fully charged, disconnect the charging cable.



Image: Illustration showing the 1.2-hour charging time and 168-hour standby time for the Sanag B21S headphones.

### 2. Bluetooth Pairing

The Sanag B21S uses Bluetooth 5.4 for a stable wireless connection.

1. **Power On:** Press and hold the power button until the indicator light flashes (usually blue/red alternating), indicating pairing mode.

2. **Activate Bluetooth:** On your device (smartphone, tablet, computer), enable Bluetooth.
3. **Select Device:** In your device's Bluetooth settings, search for "Sanag B21S" and select it to connect.
4. **Confirmation:** Once connected, the headphones will provide an audio prompt, and the indicator light will change (e.g., slow blue flash).

If pairing fails, turn off the headphones and your device's Bluetooth, then repeat the steps.

### 3. Wearing the Headphones

The ergonomic design ensures a secure and comfortable fit.

1. Place the bone conduction transducers on your cheekbones, just in front of your ears.
2. Ensure the neckband rests comfortably behind your head.
3. Adjust the headphones for a secure position that allows the transducers to make good contact with your cheekbones.

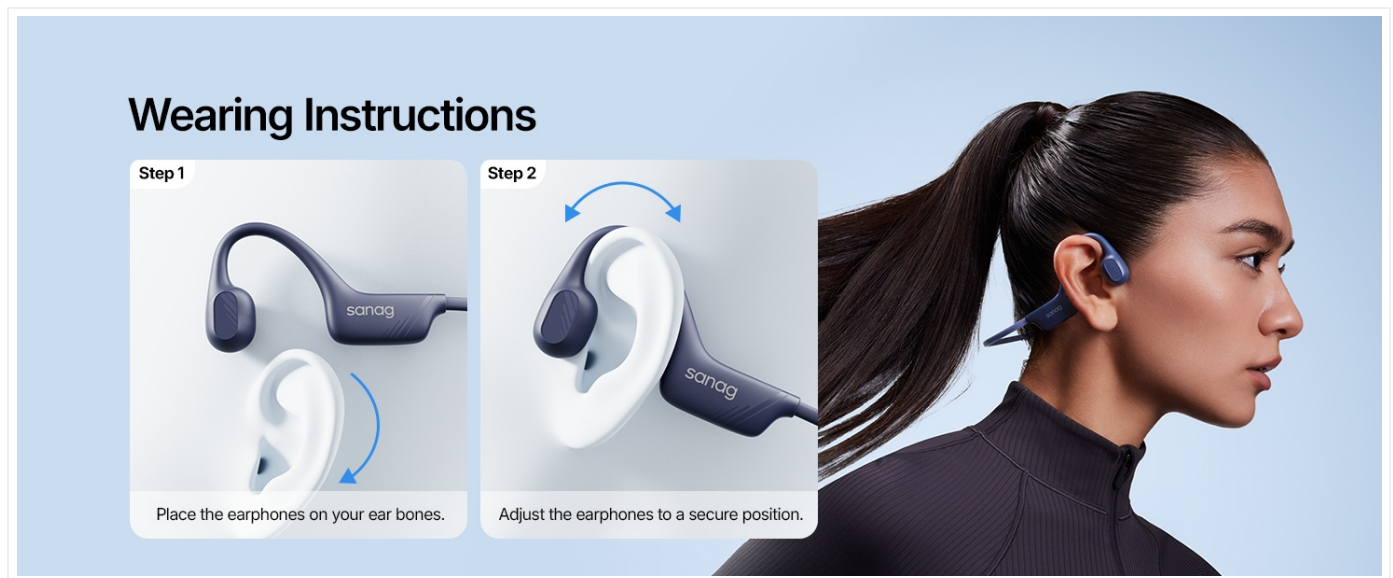


Image: Diagram illustrating the correct placement of the Sanag B21S headphones on the user's head, with transducers resting on the cheekbones.

## OPERATING INSTRUCTIONS

The Sanag B21S headphones feature intuitive button controls for various functions.

### Power On/Off

- **Power On:** Press and hold the power button for approximately 3 seconds until the indicator light flashes and you hear an audio prompt.
- **Power Off:** Press and hold the power button for approximately 5 seconds until the indicator light turns off and you hear an audio prompt.

### Music Playback

- **Play/Pause:** Press the multi-function button once.
- **Next Track:** Press and hold the volume up button.
- **Previous Track:** Press and hold the volume down button.

### Call Management

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

## Volume Control

- **Increase Volume:** Press the volume up button (+).
- **Decrease Volume:** Press the volume down button (-).

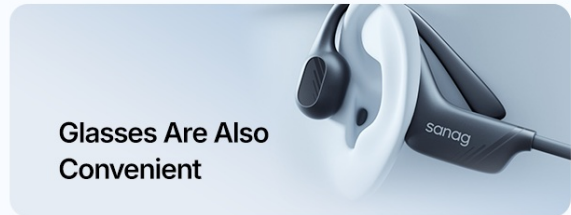
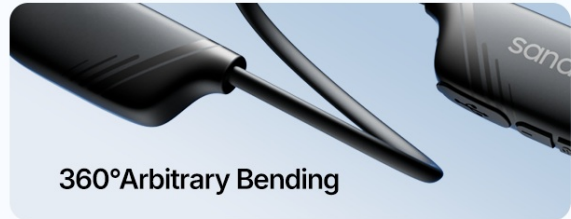


Image: Close-up of the Sanag B21S headphones showing the volume and multi-function buttons for easy control.

## KEY FEATURES

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### True Bone Conduction Technology

The B21S headphones utilize 360° holeless bone conduction technology. This design transmits sound through vibrations directly to the inner ear via the cheekbones, bypassing the eardrum. This method aims to provide clear audio while minimizing sound leakage.



Image: Diagram comparing the Sanag B21S's holeless bone conduction design to traditional headphones, highlighting the absence of sound leakage.

## Open Ear Design

The open-ear design allows users to remain aware of their surroundings while listening to audio. This feature is beneficial for outdoor activities such as running or cycling, where situational awareness is important for safety.

## Enhanced Surround Sound

Equipped with high-frequency oscillator enhancement technology, the headphones are designed to deliver rich musical performances with optimized stereo surround sound, enhancing the listening experience.



# Lossless Bass

High frequency oscillator enhancement technology for rich musical performance



Image: Exploded view of the Sanag B21S transducer, illustrating the high-frequency oscillator enhancement technology for improved bass and sound quality.

## Bluetooth 5.4 Connectivity

The upgraded Bluetooth 5.4 chip provides a stable wireless connection, extended signal coverage, and reduced power consumption. This ensures efficient audio transmission and clear calls.

# Bluetooth 5.4 Technology

Bluetooth flash 6.0 technology and bluetooth 5.4, fast pairing and continuous



Image: Internal view of the Sanag B21S highlighting the Bluetooth 5.4 chip for advanced wireless connectivity.

## Extended Battery Life

The headphones offer up to 10 hours of music playback on a single charge, with a standby time of 168 hours. Charging takes approximately 1.2 hours.

## IPX5 Waterproof Rating

With an IPX5 waterproof rating, the headphones are protected against sweat, daily splashes, and light rain. This makes them suitable for various sports and outdoor activities.

# Waterproof and Sweatproof

Fully sealed waterproof coating and hydrophobic structure, not afraid of rain and sweat



NOTE: SPORTS WATERPROOF REFERS TO IPX5 WATERPROOF, WHICH CAN ELIMINATE THE HARMFUL EFFECTS OF JET WATER, SWEAT AND RAIN PREVENTION. RUNNING, SURFING, SPLASHING, HIKEING AND OTHER SPORTS CAN BE USED, NOT SWIMMING.

Image: Sanag B21S headphones partially submerged in water, illustrating their IPX5 waterproof and sweatproof capabilities.

## Lightweight, Comfortable, and Stable Design

Constructed with a titanium alloy memory back hanger and a triangular earwing wrap-around design, the headphones conform to human ear ergonomics. This design ensures a secure and comfortable fit for various head shapes, even during intense physical activity.



# Bone Conduction Sports Headphones

Ultra-lightweight design, firm and comfortable to wear, suitable for all-day use



Image: Close-up of the Sanag B21S headphones highlighting the titanium alloy memory rear hanging and triangular stable structure for secure fit.

## MAINTENANCE

- **Cleaning:** Wipe the headphones with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and ensure the headphones are completely dry before use or charging. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Exposure:** While IPX5 rated, avoid prolonged submersion in water. Ensure the charging port is dry before connecting the charging cable.

## TROUBLESHOOTING

| Problem | Solution |
|---------|----------|
|---------|----------|

| Problem                     | Solution  |
|-----------------------------|---|
| Headphones do not power on. | Ensure the headphones are fully charged. Connect to a power source using the Type-C cable.  |
| Cannot pair with device.    | <ul style="list-style-type: none"><li>• Ensure headphones are in pairing mode (flashing indicator light).</li><li>• Turn off and on Bluetooth on your device.</li><li>• Forget "Sanag B21S" from your device's Bluetooth list and try pairing again.</li><li>• Ensure headphones are within 10 meters of your device.</li></ul> |
| No sound or low volume.     | <ul style="list-style-type: none"><li>• Increase volume on both the headphones and your connected device.</li><li>• Ensure headphones are properly connected via Bluetooth.</li><li>• Check if the audio source is playing.</li></ul>   |
| Sound quality is poor.      | <ul style="list-style-type: none"><li>• Ensure the transducers are positioned correctly on your cheekbones.</li><li>• Move closer to your connected device to reduce interference.</li><li>• Check the audio quality of the source material.</li></ul>  |

## SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Model Name              | Sanag B21S  |
| Connectivity Technology | Wireless (Bluetooth)                                      |
| Bluetooth Version       | 5.4   |
| Bluetooth Range         | 10 Meters   |
| Audio Driver Type       | Bone Conduction Driver                                    |
| Audio Driver Size       | 13 Millimeters  |
| Frequency Response      | 20 Hz (Lower limit provided, typical range implied)       |
| Impedance               | 8 Ohm   |
| Charging Time           | 1.2 Hours   |
| Battery Life (Playback) | Up to 10 Hours  |
| Standby Time            | 168 Hours   |
| Water Resistance Level  | IPX5 (Waterproof)   |
| Control Type            | Button Control  |
| Material                | Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC) |
| Item Weight             | 22 Grams (0.776 ounces)                                   |
| Product Dimensions      | 4.96 x 4.25 x 1.77 inches                                 |

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Sanag website. Keep your proof of purchase for warranty claims.



Related Documents - B21S

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|  | <p><a href="#">Sanag B21S Bone Conduction Bluetooth Headset User Manual and Specifications</a></p> <p>Comprehensive user manual for the Sanag B21S bone conduction Bluetooth headset, covering setup, operation, features, safety precautions, and technical specifications. Includes FCC compliance information.</p>  |
|  | <p><a href="#">Sanag A11S Pro Bone Conduction Bluetooth Headset Operating Guide</a></p> <p>Official operating guide for the Sanag A11S Pro bone conduction Bluetooth headset, detailing features, charging, Bluetooth pairing, key operations, safety precautions, and technical specifications.</p>   |
|  | <p><a href="#">Sanag A5X Bone Conduction Bluetooth Headset User Manual</a></p> <p>Comprehensive operating guide for the Sanag A5X bone conduction Bluetooth headset, covering features, charging, pairing, key operations, and specifications.</p>   |
|  | <p><a href="#">sanag B22S Bone Conduction Bluetooth Headset User Manual</a></p> <p>User manual for the sanag B22S bone conduction sports Bluetooth headset, detailing features, operation, charging, pairing, specifications, and FCC compliance.</p>  |
|  | <p><a href="#">Sanag B51S Pro/B51S Pro Max Bone Conduction Bluetooth Headphones Operating Guide</a></p> <p>This operating guide provides detailed instructions for the Sanag B51S Pro and B51S Pro Max bone conduction Bluetooth headphones. Learn about key features, charging, Bluetooth pairing, button operations, safety precautions, and technical specifications for optimal use.</p> |
|  | <p><a href="#">Sanag G6S/G6S AI True Wireless Stereo Earbuds User Guide</a></p> <p>Comprehensive user guide for Sanag G6S and G6S AI true wireless stereo earbuds, covering product overview, key functions, Bluetooth operation, specifications, care instructions, and FCC compliance.</p>   |

