



nextsense

Smartbuds
User
Manual

Smartbuds User Manual

NextSense, Inc. | Last update: Aug. 8, 2025

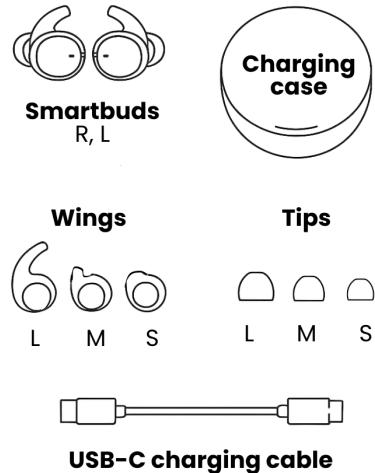
Table of Contents

1.0 Getting started with Smartbuds.....	3
1.1 What's in the Box.....	3
1.2 Charging the Case & Earbuds.....	3
1.3 Pairing with the NextSense App.....	3
2.0 How to wear Smartbuds.....	4
2.1 Placing the Buds.....	4
2.2 Choosing the Right Wings & Tips.....	4
2.3 Installing wings and tips.....	5
3.0 Using smartbuds.....	6
3.1 LED Charging & Status Indicators.....	6
3.2 Touch Controls.....	6
3.3 Resetting your smartbuds.....	7
5.0 Cleaning & Maintenance.....	7
5.1 Cleaning instructions.....	7
5.2 Replacing wings and tips.....	7
6.0 Troubleshooting.....	8
6.1 Common issues and solutions.....	8
6.2 Contact us.....	8
7.0 Safety & Regulatory Information.....	9

1.0 Getting started with Smartbuds

1.1 What's in the Box

- Smartbuds Earbuds (Left & Right)
- Charging Case
- 3 pairs of wings
- 3 pairs of tips
- USB-C Charging Cable



1.2 Charging the Case & Earbuds

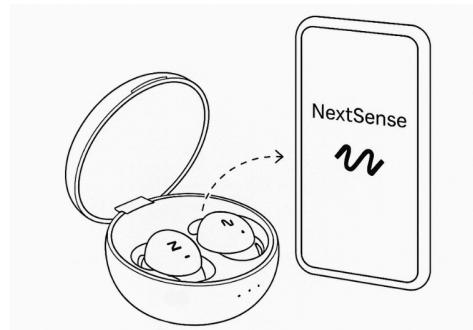
Before first use, fully charge your Smartbuds and charging case.

1. Plug the USB-C cable into the charging port on the case.
2. Charge for ~1 hour, until all LED indicators are solid.

TIP: For fastest charging, use a high-quality USB-C adapter.

1.3 Pairing with the NextSense App

1. Download the NextSense app.
2. Open the charging case. Smartbuds will automatically enter pairing mode. If not, press and hold the back button for 3 seconds to enter pairing mode.
3. Follow in-app instructions to complete pairing.



2.0 How to wear Smartbuds

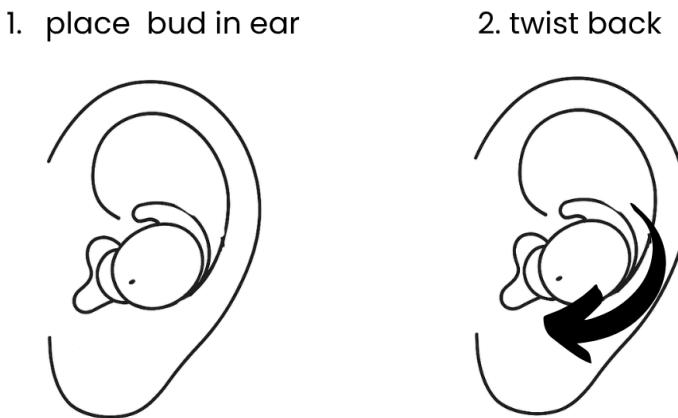
Your best Smartbuds experience starts with the right fit. This makes your SmartBuds more comfortable and ensures quality sleep data.

Your SmartBuds come with two sizes of tips and wings:

- **Tips** are the small pieces that go into your ear canal.
- **Wings** are the soft, fin-like pieces that rest against the folds of your ear.

2.1 Placing the Buds

1. Gently place the bud in your ear canal.
2. Twist it slightly toward the back of your head.
3. Check that the top of the bud touches the upper ridge of your ear.
4. Ensure the bottom part rests along the lower curve of your ear—no big gaps.
5. If it feels loose or moves around, try a different size.



2.2 Choosing the Right Wings & Tips

Your Smartbuds come with multiple tip and wing sizes. Mix and match to find the most comfortable, secure fit for your ears.

- It's normal to use different sizes for each ear.

- A good fit ensures comfort and best sleep data quality.

TIP: If in doubt, start with what feels best and adjust as needed.

2.3 Installing wings and tips

- **Step 1: Remove the current tip.** Hold the earbud firmly in one hand. With the other hand, pinch the silicone tip near its base and pull it straight off using a slow, steady motion. Don't twist or yank—these components are delicate and house important sensors.
- **Step 2: Remove the wing.** Gently peel the wing away from the body of the earbud, starting at one edge and working around. It should come off with light, even pressure—no need to force it.
- **Step 3: Attach the new wing.** Align the new wing so that the cutout fits neatly around the base of the earbud. Stretch the wing gently into place and press it down so it sits flush and snug against the earbud.
- **Step 4: Attach the new tip.** Align the new tip with the nozzle of the earbud. Press it on firmly until it feels secure—you may hear or feel a soft click when it's in place. Push hard and rotate at least 180 degrees to secure.

3.0 Using smartbuds

3.1 LED Charging & Status Indicators

LED Display	Status
••• (All solid)	Case fully charged
••◦ (2 solid, right off)	Case medium charge
•◦◦ (Left solid only)	Case low battery
◦*◦ (Center blinking)	Pairing mode
*◦◦ (Left blink once)	Left earbud charging & seated correctly
◦◦* (Right blink once)	Right earbud charging & seated correctly

Tip: When placing earbuds in the case, watch for the quick blink to ensure they're charging.

3.2 Touch Controls

Command	Gesture
Play/Pause Audio	Double tap either earbud
Next Track	Triple tap right earbud
Toggle Sleep/Streaming	Long press (3 sec) either earbud
Answer Call	Double tap when ringing
End Call	Double tap during call

3.3 Resetting your smartbuds

To reset your Smartbuds...

1. Place both earbuds in the case.
2. With the case open, press & hold the case button for 10 seconds, until LEDs blink.
3. Reconnect via Bluetooth in the NextSense app. See **1.3 Pairing with the NextSense App.**

5.0 Cleaning & Maintenance

To ensure optimal performance, hygiene, and longevity of your Smartbuds, we recommend cleaning the ear tips and wings at least once per week. Regular cleaning helps prevent the buildup of earwax, dust, and debris, which can affect comfort, audio quality, and sensor accuracy.

5.1 Cleaning instructions

NOTE: Smartbud wings and tips are coated with a delicate material that supports their sensing capabilities. Always handle them gently when removing, replacing, or cleaning to ensure optimal performance.

- Use a soft cloth lightly dampened with water to gently clean the surface. **Do not use alcohol.**
- Allow the components to fully air dry before reattaching them to the earbuds.
- Clean ear tips and wings weekly.
- Use a soft, lightly dampened cloth.
- Allow parts to air dry fully before reattaching.
- Smartbuds are NOT waterproof. Avoid rain, moisture, and never submerge in water.

5.2 Replacing wings and tips

Smartbuds' wings and tips require regular replacement to continue collecting brain data. Always handle them gently and even if you're only swapping out wings, you'll need to take the tip off first. Follow the steps described in **2.3 Installing new wings & tips** when it's time to replace these parts.

6.0 Troubleshooting

6.1 Common issues and solutions

Issue	Solution
One earbud isn't charging	Ensure it's seated properly in the case
Bluetooth won't connect	'Forget device' in Bluetooth settings and re-pair
No audio playing	Check volume and ensure pairing is complete

6.2 Contact us

For **support, troubleshooting, or inquiries**, you can email us at support@nextsense.io or call **888-898-8068**.

7.0 Safety & Regulatory Information

Warning: To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user's authority to operate this equipment.

FCC Statement

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

- The device has been evaluated to meet general RF exposure requirements.
- The device can be used in the portable exposure condition without restriction.

FCC ID: 2BH2W-NSSB0100A