

SAMSUNG SM-R510NZWAXAR

Samsung Galaxy Buds 2 Pro User Manual

Model: SM-R510NZWAXAR

1. INTRODUCTION

The Samsung Galaxy Buds 2 Pro are advanced true wireless Bluetooth earbuds designed to provide a premium audio experience with features such as Intelligent Active Noise Cancellation, Hi-Fi Sound, and 360 Audio. They offer a secure in-ear fit, HD Voice technology for clear calls, and are water resistant for versatile use.

Key features include:

- Intelligent Active Noise Cancellation (ANC) to quiet external sounds.
- Enhanced 360-degree audio for an immersive sound experience.
- HD Voice Technology for clear communication.
- IPX7 water resistance for protection against splashes and submersion.
- Seamless connectivity and auto-switching between compatible Galaxy devices.
- Real-time translation features with compatible Galaxy devices.



Figure 1.1: Samsung Galaxy Buds 2 Pro earbuds in their charging case.

2. SETUP

2.1 Unboxing and Components

Upon opening the retail packaging, ensure all included components are present:

- Left Earbud
- Right Earbud
- Charging Case
- USB-C Cable
- Eartips (various sizes)



Figure 2.1: The Galaxy Buds 2 Pro earbuds removed from their charging case.

2.2 Charging the Earbuds and Case

Before first use, fully charge the earbuds and the charging case. Place the earbuds into the charging case. Connect the USB-C cable to the charging case and a power source. The indicator light on the case will show charging status.

2.3 Pairing with Devices

To pair the Galaxy Buds 2 Pro with your device:

1. Ensure the earbuds are in the charging case and the case is open.
2. On your smartphone, tablet, or PC, enable Bluetooth.
3. Select 'Galaxy Buds 2 Pro' from the list of available Bluetooth devices.
4. For Galaxy devices, Easy Pair functionality allows for quick connection by simply opening the case near your device.



Figure 2.2: The Galaxy Buds 2 Pro seamlessly integrate with other Samsung Galaxy devices.

3. OPERATING THE EARBUDS

3.1 Active Noise Cancellation (ANC) and Ambient Sound

The Galaxy Buds 2 Pro feature Intelligent Active Noise Cancellation to minimize external distractions. You can switch between ANC and Ambient Sound mode, which allows you to hear your surroundings without removing the earbuds. This can be controlled via the Galaxy Wearable app or through touch controls on the earbuds.



Figure 3.1: Active Noise Cancellation helps focus your audio experience.

3.2 360 Audio

Experience immersive sound with enhanced 360-degree audio. This feature provides a personalized surround sound experience, making you feel like you are in the center of the action. This feature requires a compatible Galaxy smartphone with Android 8.0 and One UI 4.1 or later with 1.5GB RAM or above.



Be heard clearly on calls

HD Voice Technology separates your voice from surrounding noise.

Figure 3.2: Enjoy a personalized surround sound experience with 360 Audio.

3.3 Call Functionality and HD Voice

The Galaxy Buds 2 Pro utilize HD Voice Technology to separate your voice from surrounding noise, ensuring clear communication during calls. The earbuds can also auto-detect voices and adjust sound levels so you can hear conversations without removing them.

From phone to ear, translations you can hear

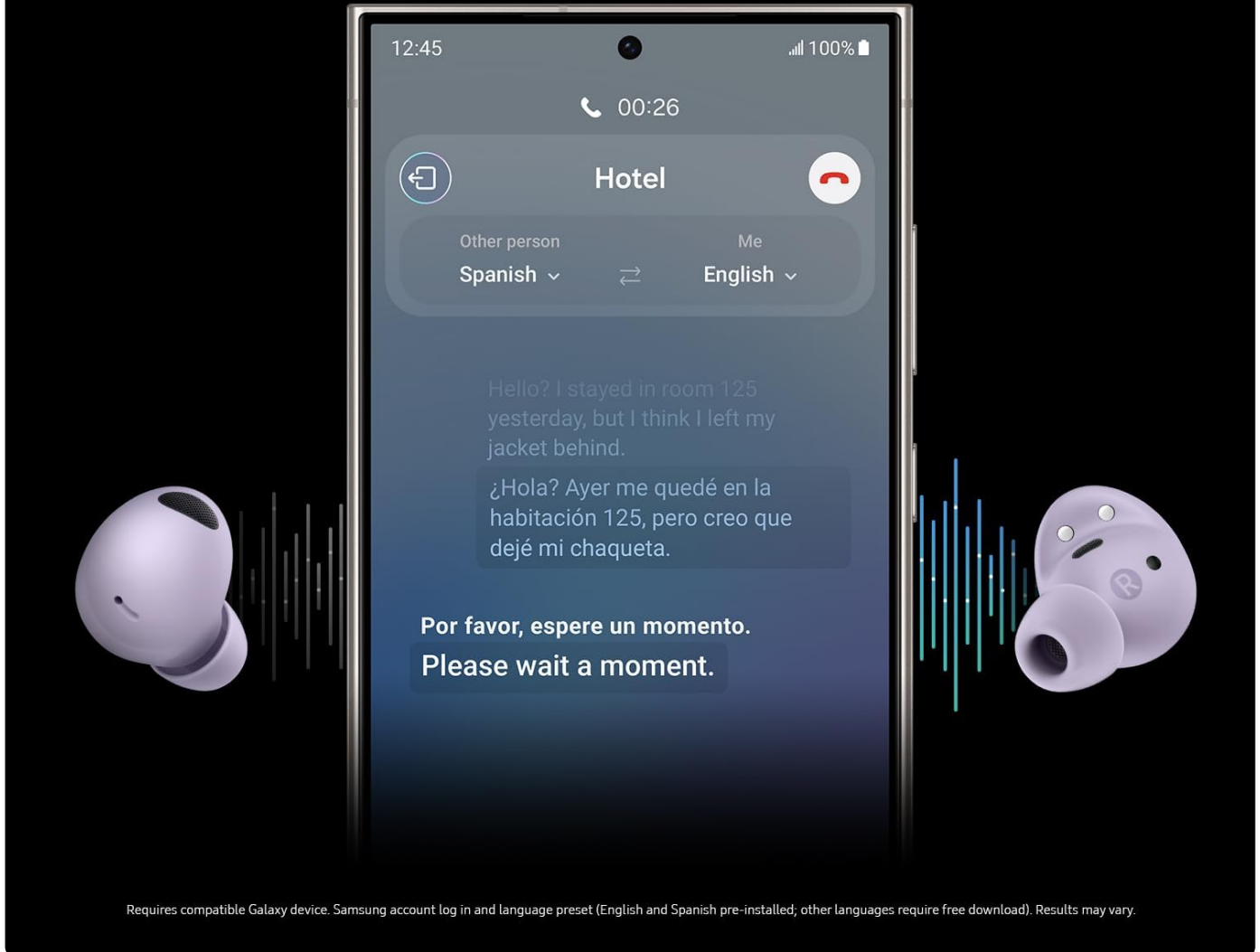
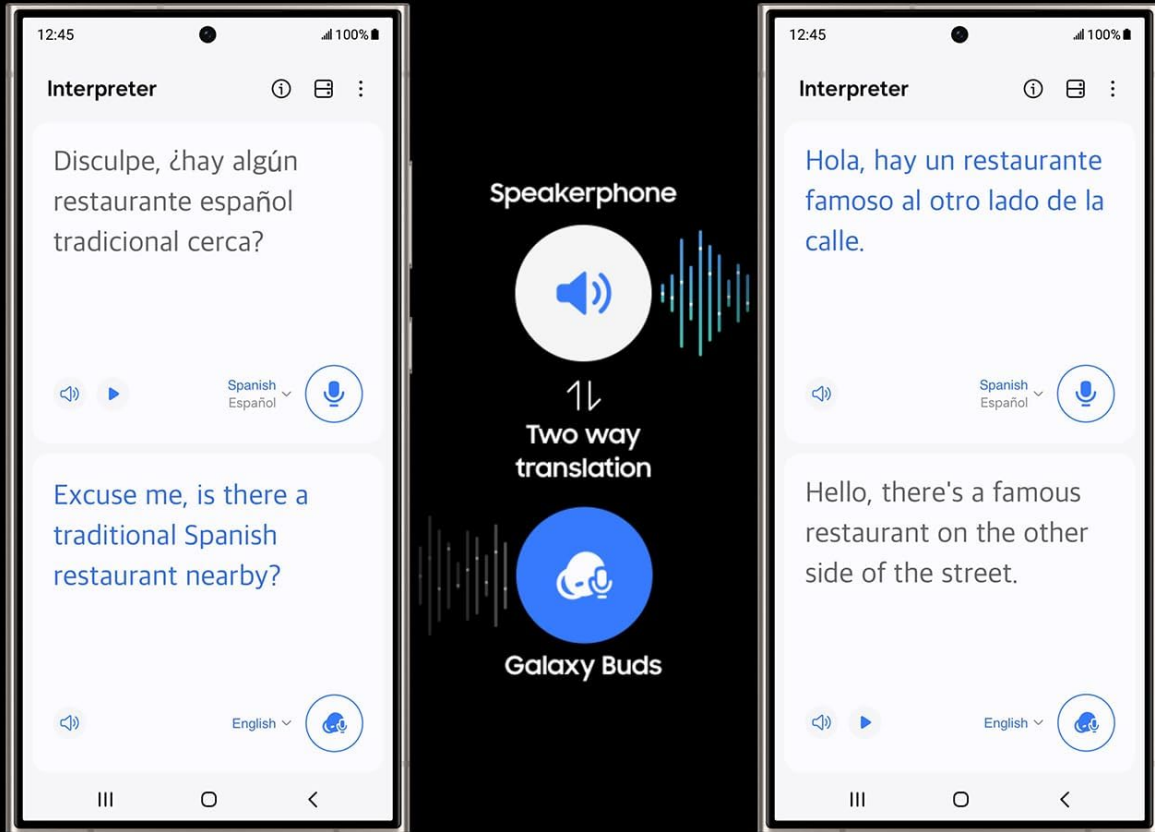


Figure 3.3: Be heard clearly on calls with HD Voice Technology.

3.4 Language Translation Features

With compatible Galaxy devices, the Galaxy Buds 2 Pro support real-time language translation. Use the Interpreter feature on your Galaxy phone for face-to-face conversations or Live Translate through the Samsung Phone app for calls, allowing you to communicate across language barriers.

They say "hola," you hear "hello"



Requires compatible Galaxy device. Samsung account log in and language preset (English and Spanish pre-installed; other languages require free download). Results may vary.

Figure 3.4: Real-time translation from phone to ear.

24-bit hi-fi audio

for studio-quality sound.



2-way speakers
for wide frequency response

10mm woofer for deep bass
delivers deeper bass

5.3mm tweeter for crisp treble
produces crisp treble

Requires a Galaxy smartphone with Android 8.0 and One UI 4.0 or later with 1.5GB RAM or above.

Figure 3.5: Use the Interpreter feature for seamless communication.

3.5 Touch Controls

The earbuds feature touch controls for media playback, volume adjustment, and managing calls. These controls can be customized via the Galaxy Wearable app.

4. MAINTENANCE

4.1 Cleaning the Earbuds

Regularly clean your Galaxy Buds 2 Pro to maintain optimal performance and hygiene. Use a soft, dry, lint-free cloth to wipe the earbuds and charging case. For the eartips, remove them and clean with a mild soap solution if necessary, then rinse and dry thoroughly before reattaching.

4.2 Water Resistance

The Galaxy Buds 2 Pro are rated IPX7 for water resistance, meaning they can withstand submersion in up to 3 feet of fresh water for up to 30 minutes. They are suitable for workouts and light rain. The charging case is not water-resistant. If the earbuds or your hands are wet, ensure they are thoroughly dried before handling or placing them in the charging case.

5. TROUBLESHOOTING

5.1 Connection Issues

- **Earbuds not connecting:** Ensure Bluetooth is enabled on your device and the earbuds are charged. Try placing the earbuds back in the case, closing it, and reopening it to re-enter pairing mode.
- **Intermittent connection:** Move closer to your connected device. Avoid environments with strong electromagnetic interference.

5.2 Sound Quality Issues

- **Low volume or distorted sound:** Check the volume levels on both your device and the earbuds. Ensure the eartips are clean and properly seated in your ear for a good seal.
- **ANC not effective:** Ensure the earbuds are properly seated in your ears. Try different eartip sizes to achieve a better seal.

5.3 Fit and Comfort

The Galaxy Buds 2 Pro are designed for a comfortable and secure fit. If you experience discomfort or an unstable fit, try experimenting with the different eartip sizes provided to find the best fit for your ears.

Ergonomic design for a comfortable fit



Figure 5.1: The ergonomic design ensures a comfortable and secure fit.

6. SPECIFICATIONS

Feature	Detail
Model Name	Galaxy Buds2 Pro
Model Number	SM-R510NZWAXAR
Connectivity Technology	Bluetooth
Wireless Communication Technology	Bluetooth
Control Type	Media Control

Feature	Detail
Control Method	App, Touch, Voice
Noise Control	Active Noise Cancellation
Water Resistance Level	Water Repellent (IPX7)
Item Weight	1.98 Ounces
Product Dimensions	1.97 x 1.98 x 1.09 inches
Frequency Range	20Hz-20KHz
Audio Driver Type	Dynamic Driver
Batteries	1 Lithium Ion batteries required (included)
UPC	88727668741

Enhanced 360-Degree Audio

for a personalized surround
sound experience.



Requires a Galaxy smartphone with Android 8.0 and One UI 4.0 or later with 1.5GB RAM or above.

Figure 6.1: Internal components of the Galaxy Buds 2 Pro, highlighting the 2-way speakers for Hi-Fi audio.

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

The Samsung Galaxy Buds 2 Pro includes a 1-year limited manufacturer warranty. Please retain your proof of purchase

for warranty claims. For detailed terms and conditions, refer to the warranty information provided with your product packaging or visit the official Samsung support website.

7.2 Customer Support

For further assistance, technical support, or service inquiries, please visit the official Samsung support channels. You can find more information and resources on the [Samsung Brand Store on Amazon](#) or the main Samsung website.