

BT 2301

# User Manual for LED Wireless Charging Speaker

Model: BT 2301

## 1. INTRODUCTION

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Thank you for purchasing the LED Wireless Charging Speaker (BT 2301). This device combines a high-fidelity speaker with a convenient wireless charging pad and ambient LED lighting. It is designed to enhance your environment, whether for relaxation, study, or entertainment. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

## 2. SAFETY INFORMATION

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- Do not expose the device to water or excessive moisture.
- Avoid extreme temperatures.
- Do not disassemble or attempt to repair the device yourself. This will void the warranty.
- Keep out of reach of children.
- Use only the provided or recommended power adapter for charging.
- Ensure proper ventilation when using the wireless charging function.

## 3. PACKAGE CONTENTS

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- LED Wireless Charging Speaker (BT 2301)
- USB Charging Cable
- User Manual

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the components of your LED Wireless Charging Speaker.



**Figure 4.1:** Front view of the LED Wireless Charging Speaker with a phone on the charging pad. The device features a circular LED light strip and a speaker grille.



Figure 4.2: Side profile of the speaker, highlighting its unique crescent shape and stable base.

### Component Identification:

- **Wireless Charging Pad:** Top surface for charging compatible devices.
- **Control Buttons:** Located on the front panel (Power, Mode, Volume Up/Next, Volume Down/Previous, Play/Pause).
- **Speaker Grille:** Front-facing audio output.
- **LED Light Strip:** Integrated multi-color lighting around the device.
- **Charging Port:** Located at the rear for power input.

## 5. SETUP

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### 5.1 Initial Charging

1. Connect the provided USB charging cable to the charging port on the speaker.
2. Connect the other end of the USB cable to a compatible USB power adapter (DC 5V/500mA recommended).
3. Allow the device to fully charge before first use. The LED indicator will show charging status.

### 5.2 Placement

Place the speaker on a stable, flat surface. Ensure there is adequate space around the device for proper ventilation, especially when using the wireless charging function.

## 6. OPERATING INSTRUCTIONS

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## 6.1 Power On/Off

- **Power On:** Press and hold the Power button (⏻) for 3 seconds.
- **Power Off:** Press and hold the Power button (⏻) for 3 seconds again.

## 6.2 Bluetooth Pairing (BT 5.2)

1. Ensure the speaker is powered on. It will automatically enter Bluetooth pairing mode, indicated by a flashing LED light.
2. On your mobile device (smartphone, tablet), enable Bluetooth.
3. Search for available devices and select "BT2301" from the list.
4. Once paired, the speaker will emit a confirmation sound, and the LED light will stop flashing.
5. The transmission distance is approximately 10 meters (33 feet).

## 6.3 Audio Playback

- **Play/Pause:** Press the Play/Pause button (▶ ||).
- **Next Track:** Short press the Volume Up button (⏮).
- **Previous Track:** Short press the Volume Down button (⏭).
- **Volume Up:** Long press the Volume Up button (⏮).
- **Volume Down:** Long press the Volume Down button (⏭).

## 6.4 Wireless Charging (15W)

1. Place your Qi-compatible smartphone or device centered on the wireless charging pad.
2. Ensure no metal objects or foreign materials are between your device and the charging pad.
3. The device will begin charging automatically. Check your phone's screen for charging indication.



Figure 6.4.1: Proper placement of a smartphone on the wireless charging pad for optimal charging.

## 6.5 LED Lighting Control

The speaker features seven color selections and multiple color selection modes.

- **Change Light Mode/Color:** Press the Mode button (M) to cycle through different lighting effects and colors.
- The lighting can be used to adjust the atmosphere for concentration, meditation, yoga, spa, or relaxation.

## 6.6 FM Radio Function

The device includes an FM radio function.

- **Activate FM Mode:** Press the Mode button (M) until FM radio mode is selected.
- **Auto Scan:** Press the Play/Pause button (▶ ||) to auto-scan and save available FM stations.
- **Change Station:** Use the Volume Up (+) and Volume Down (-) buttons to navigate between saved stations.

## 7. MAINTENANCE

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- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the speaker away from dust and direct sunlight.
- Store in a cool, dry place when not in use for extended periods.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not power on.	Low battery or no power.	Charge the device using the provided USB cable. Ensure the power adapter is working.
Cannot pair via Bluetooth.	Bluetooth not enabled on device, speaker not in pairing mode, or too far.	Ensure Bluetooth is on and the speaker is in pairing mode. Move devices closer. Forget "BT2301" on your device and try pairing again.
Wireless charging not working.	Phone not Qi-compatible, misaligned, or foreign objects on pad.	Ensure your device supports Qi wireless charging. Realign the phone on the center of the pad. Remove any cases or metal objects.
Poor sound quality.	Low battery, interference, or source audio quality.	Charge the speaker. Move away from other electronic devices. Check the audio source quality.

## 9. SPECIFICATIONS

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Feature	Detail
Model Name	BT 2301
Material	Plastic
Speaker Type	Multimedia
Connectivity Technology	Bluetooth, Wireless
Bluetooth Version	5.2

Feature	Detail
Bluetooth Name	BT2301
Bluetooth Frequency	2.4 GHz - 2.48 GHz
Transmission Distance	10 meters
Frequency Response Range	50Hz - 20KHz
Signal to Noise Ratio	>75dB
Built-in Lithium Battery Voltage	3.7V
Charging Input	DC 5V/500mA
Wireless Charging Power	15W
Product Dimensions (LxWxH)	30.5 x 10.2 x 25.4 cm
Item Weight	850 g
Controller Type	Button
Special Feature	Wireless, LED Lighting, FM Radio

## 10. WARRANTY AND SUPPORT

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This product is manufactured by KPS GOLD. For any support or warranty-related queries, please contact your retailer or the manufacturer directly. Please retain your proof of purchase for warranty claims.

- **Manufacturer:** KPS GOLD
- **Importer:** onshop
- **Date First Available:** 20 July 2023