

# SP850



## Interactive Setup Guide

Version 1.5

**Start Setup**

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## 1. Before You Start

- The SP850 works as an FM radio, microSD card player, and Bluetooth speaker.
- To turn it on, **remove** the protective film from the battery and reinsert it.



Got it

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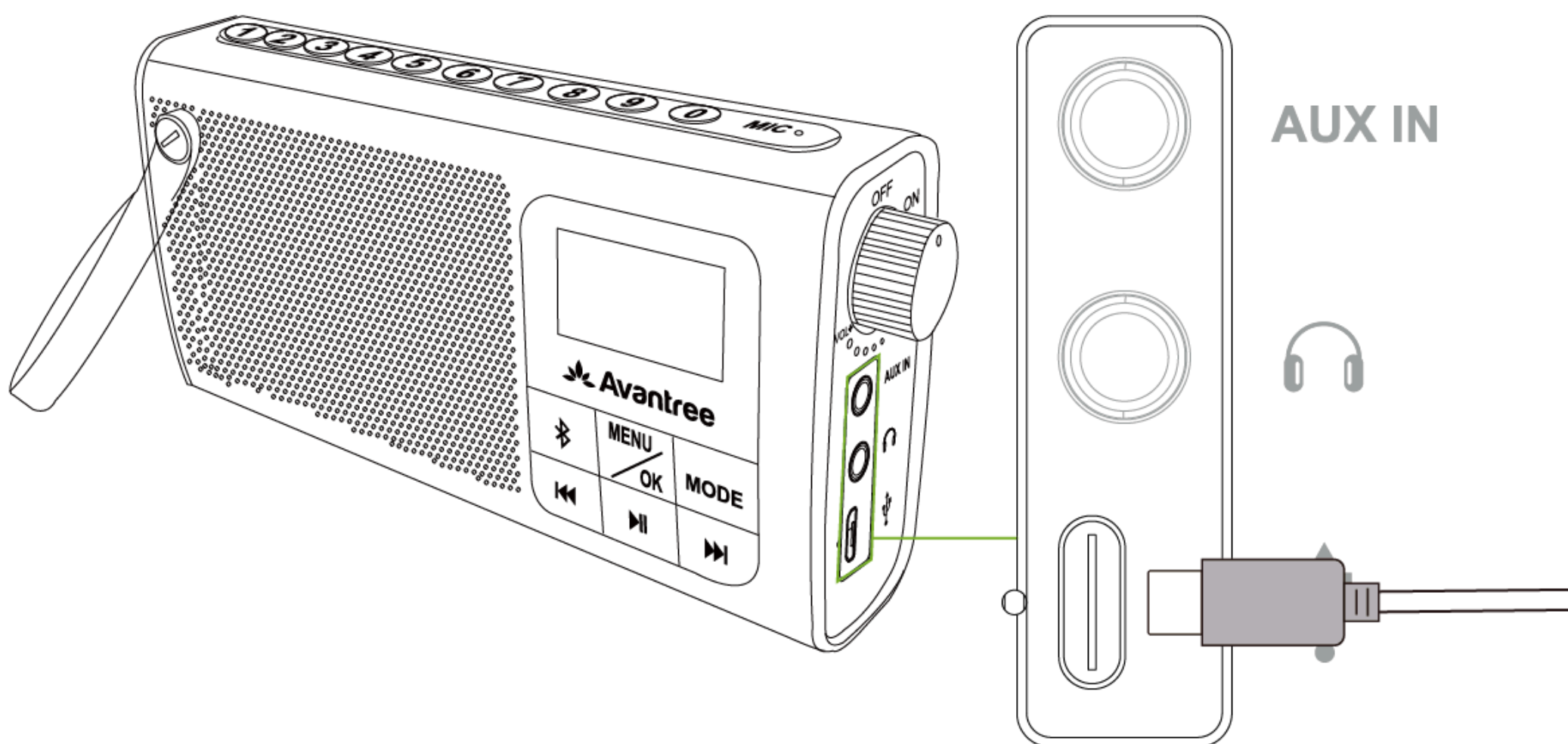
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## 2. How to Charge

The battery icon flashes while charging and stops when full (about **2.5** hours).

☒ Charging requirements: 5V / 1A (USB-C).



Got it

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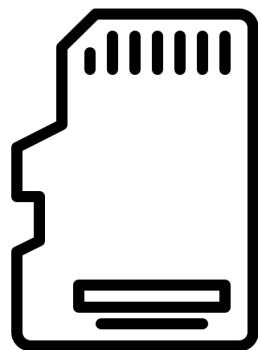
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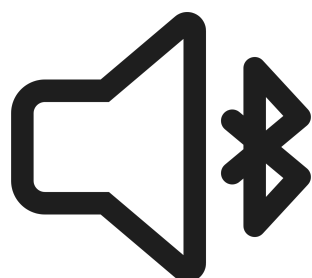
# I would like to use as



FM Radio



SD Card  
Player



BT Speaker

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## 3. FM Radio

### 3.1 Switch to FM mode

1☒ Turn the knob to **ON** — the screen will light up.

2☒ The device will start in **FM** mode the first time you turn it on. If not, press **MODE** once to switch to FM.



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## 3. FM Radio

### 3.2 Search Channels

1☒ Double-click the **MENU/OK** button to start **Auto-Search**. The device will scan and save all available stations. (Takes about **2** minutes.)

2☒ When done, it will tune to the **first** station found. Use the  button to scroll through saved stations.

Got it

Troubleshoot

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# Reduce Static & Improve Reception

☒ FM signals can be weak in remote areas or enclosed rooms.

⚠ Minimise interference—keep phones, TVs, and other electrical devices away.

☒ Use the power cord as an FM antenna & fully extend it.

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Need help



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## 3. FM Radio

### 3.3 Preset Channel

↓ To save a favorite, hold any number key (1–9) until “Channel Saved” appears. Next time, press that number to go straight to the station.

☒ For units before Batch T25F1, please update firmware first ([see DFU steps](#)).



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## 3. FM Radio

### 3.4 Navigation Guide

- Press MENU/OK – Mode settings
- Hold MENU/OK – System settings
- Use / – Scroll
- Press MENU/OK – Select
- Choose "Return" – Go back
- Turn knob – Adjust volume

#### Tips

- Plug in 3.5mm wired headphones to listen privately.
- [View detailed button functions here ↗](#)

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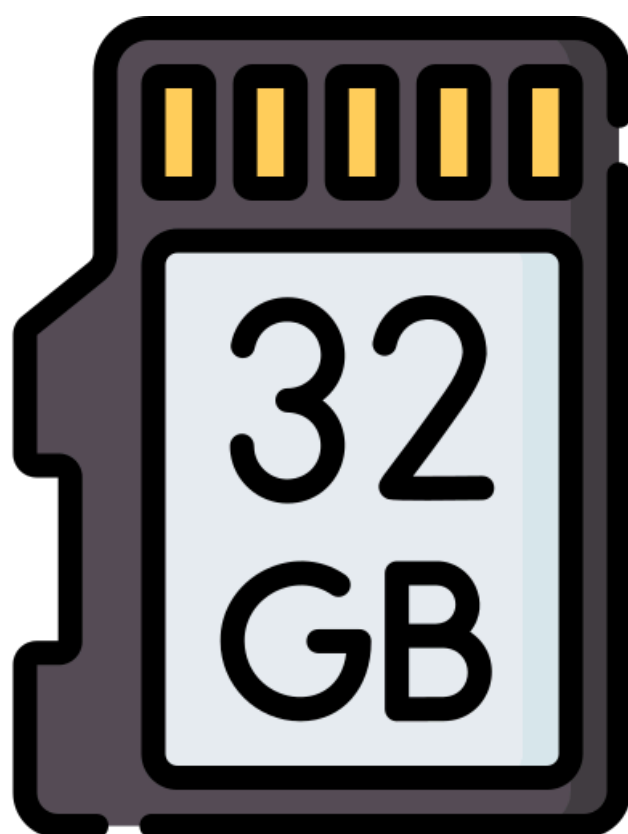
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## 4. SD Card Player

### 4.1 Insert MicroSD Card

- Maximum storage capacity for a MicroSD card: **32GB**.
- Supported file formats: **MP3**, **WAV**, **WMA**.
- Push the card in until it clicks into place.



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## 4. SD Card Player

### 4.2 Switch to MicroSD card mode

1☒ Turn the knob to **ON** — the screen will light up.

2☒ Press **MODE** once to switch to **Micro SD card** mode.



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## 4. SD Card Player

### 4.3 Navigation Guide

- Press MENU/OK – Mode settings
- Hold MENU/OK – System settings
- Use ⏮ / ⏭ – Scroll
- Press MENU/OK – Select
- Choose "Return" – Go back
- Turn knob – Adjust volume

⏮ For units before Batch T25F1, follow the [DFU update steps here to enable the "Repeat Off" option.](#)

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# 5. Bluetooth Speaker

## 5.1 Turn on Bluetooth

1☒ This speaker connects to phones, tablets, or computers – **not** to other speakers or headphones.

2☒ Turn on Bluetooth on your device.

### Settings

🔍 Search



John Doe

Apple iPhone12 Pro Max (12GB, 64GB)



Airplane Mode



WLAN

AVA-02-Meeting Room >



Bluetooth

Off >



Cellular



Personal Hotspot

Off >

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## 5. Bluetooth Speaker

### 5.2 Switch to Bluetooth mode

1☒ Turn the knob to **ON** — the screen will light up.

2☒ Press  once to switch to **Bluetooth** mode (pairing).



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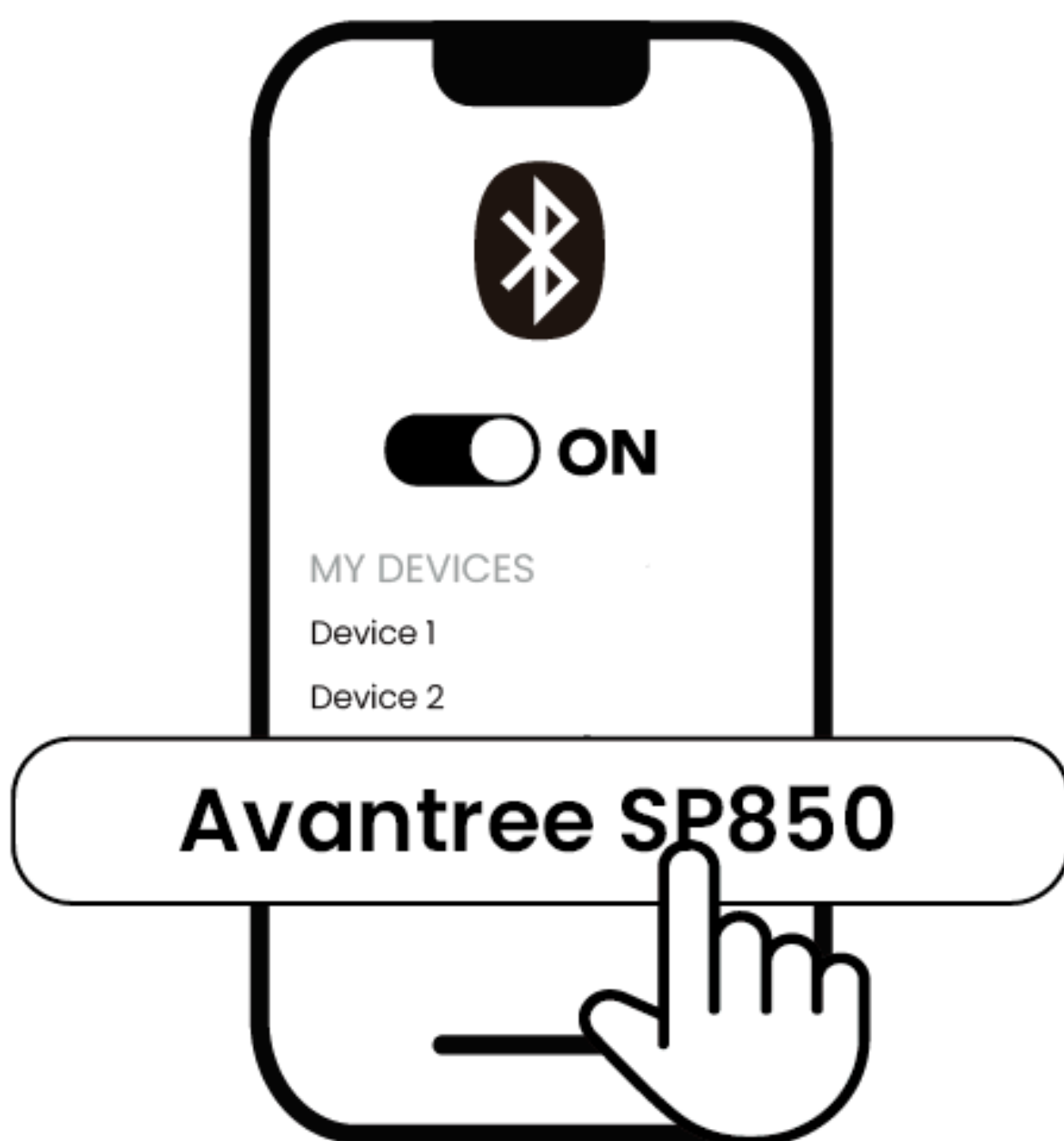


## 5. Bluetooth Speaker

### 5.3 Select "Avantree SP850"

☒ Select the speaker from your device's Bluetooth list.

☒ Wait for connection.





Connected





## 5. Bluetooth Speaker

### 5.4 Navigation Guide

- Press MENU/OK – Mode settings
- Hold MENU/OK – System settings
- Use  /  – Scroll
- Press MENU/OK – Select
- Choose "Return" – Go back
- Turn knob – Adjust volume

#### Tips

- The **microphone** port works for Bluetooth calls.
- Plug in a 3.5mm audio cable to use it as a **wired** speaker (AUX mode).

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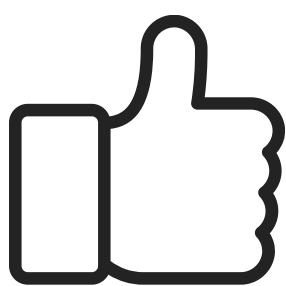
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# You're Ready

Enjoy your experience with **SP850**  
now!

□ [Rate this guide, thanks!](#) ↗



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## 8. Contact Us

We're here to help you.  
Choose an option below:

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[Submit a ticket](#) ↗

[Live chat with us](#) ↗

