

## mooas MBS5

# mooas MBS5 Retro Bluetooth Radio Speaker User Manual

Model: MBS5

## 1. INTRODUCTION

Thank you for choosing the mooas MBS5 Retro Bluetooth Radio Speaker. This multi-functional device combines a wireless speaker, digital clock, alarm, FM radio, and wireless charging pad into a compact, retro-styled unit. This manual provides detailed instructions to help you set up and operate your device effectively.

## 2. SAFETY INFORMATION

- Ensure the power adapter used is at least 5V 2A for optimal performance, especially for wireless charging.
- Do not place metal objects or thick phone cases between your device and the wireless charging pad, as this may interfere with charging or cause overheating.
- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Avoid dropping the device or subjecting it to strong impacts.

## 3. PACKAGE CONTENTS

- mooas MBS5 Retro Bluetooth Radio Speaker
- Type-C USB Charging Cable (2.5A)
- AUX Cable
- User Manual (this document)

## 4. PRODUCT OVERVIEW

The mooas MBS5 features a clear digital display, intuitive control buttons, and various input/output ports for versatile use.



Image 1: Front view of the mooas MBS5 speaker with a phone on its wireless charging pad.

#### 4.1 Front Panel and Controls

- **Digital Display:** Shows time, mode, battery status, and other indicators.
- **Power Button ( ):** Long press to power on/off. Short press to change modes.
- **Clock Button ( ):** Used for setting time and alarm.
- **Alarm Button ( with bell):** Used for setting alarms.
- **Play/Pause/M Button ( / M):** Play/pause in media modes. In FM mode, long press to scan and save stations.
- **Previous/Next Track Buttons ( / ):** Navigate tracks in media modes, change stations in FM mode.
- **Volume Knob:** Rotate to adjust volume. Also used to adjust numbers during time/alarm setting.

#### 4.2 Rear Panel Ports



# TF/AUX Cable Mode

Connect to many different devices

Image 2: Close-up of the rear panel of the mooas MBS5, highlighting the AUX, TF (Micro SD), and DC IN ports.

- **AUX Port:** For connecting external audio devices via the included AUX cable. Also functions as an antenna for FM radio.
- **TF (Micro SD) Card Slot:** For playing audio files directly from a Micro SD card.
- **DC IN Port (Type-C):** For connecting the charging cable to power the device and enable wireless charging.

## 5. SETUP

### 5.1 Initial Charging

1. Connect the provided Type-C USB cable to the DC IN port on the back of the speaker.
2. Connect the other end of the USB cable to a compatible USB power adapter (minimum 5V 2A, not included).
3. The battery icon on the display will indicate charging status. A full charge takes approximately 2-3 hours.

### 5.2 Power On/Off

- To power on, long press the Power button ( ).
- To power off, long press the Power button ( ). The device will announce "Power off." To silence this announcement, set the speaker volume to zero before powering off.

## 6. OPERATING INSTRUCTIONS

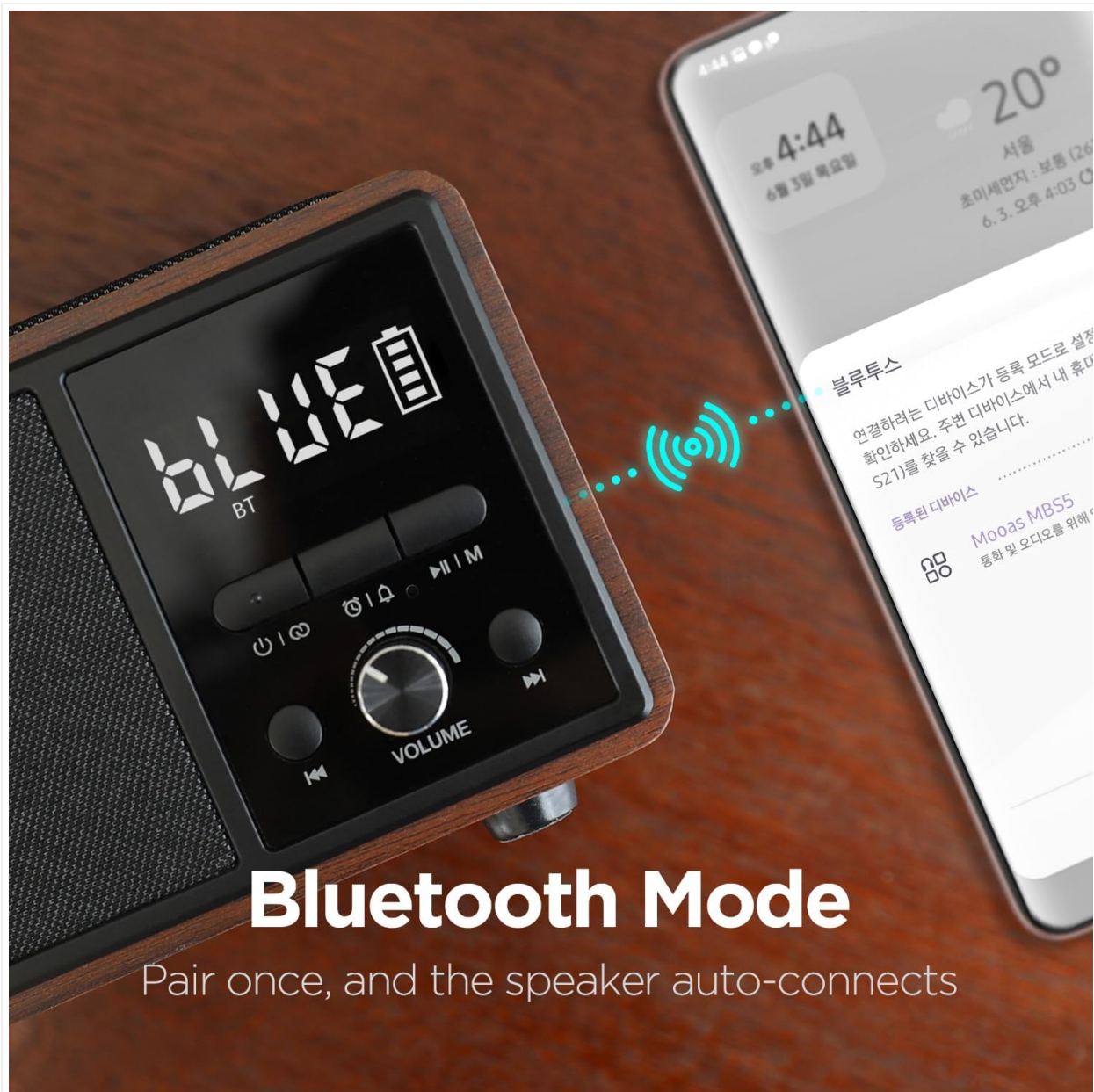
## 6.1 Setting the Clock

- The clock displays time in 24-hour format only.
- Press the Clock button ( ). The hour digits will start blinking.
- Rotate the Volume knob to adjust the hour.
- Press the Clock button again to switch to minute adjustment. The minute digits will blink.
- Rotate the Volume knob to adjust the minutes.
- Press the Clock button once more to confirm and exit time setting.

## 6.2 Setting the Alarm

- Only one alarm can be set at a time.
- Press the Alarm button ( with bell). The alarm hour digits will blink.
- Rotate the Volume knob to adjust the alarm hour.
- Press the Alarm button again to switch to alarm minute adjustment. The minute digits will blink.
- Rotate the Volume knob to adjust the alarm minutes.
- Press the Alarm button once more to confirm the alarm time.
- To select the alarm sound, press the Play/Pause/M button ( / M) while the alarm is set. Options include default tones, the last song played on a TF card, or the FM radio.
- To activate/deactivate the alarm, short press the Alarm button. An alarm icon will appear/disappear on the display.
- When the alarm sounds, press any button to activate snooze (9-minute interval). The alarm will ring for 1 minute and stop automatically if no buttons are pressed.

## 6.3 Bluetooth Mode



# Bluetooth Mode

Pair once, and the speaker auto-connects

Image 3: The speaker's display showing 'BLUE' indicating Bluetooth mode, ready for pairing.

1. Power on the speaker. Short press the Power button ( ) until "BLUE" appears on the display.
2. On your mobile device, enable Bluetooth and search for "Mooas MBS5" in the list of available devices.
3. Select "Mooas MBS5" to pair. The speaker will confirm successful connection.
4. Once paired, the speaker will automatically connect to your device in the future when in Bluetooth mode.
5. Control playback (play/pause, next/previous track) using the speaker's buttons or your connected device.

## 6.4 FM Radio Mode



# FM Radio Mode

Scan and save channels automatically  
with M button Press



Image 4: The speaker displaying an FM radio frequency, demonstrating the FM Radio mode.

1. Short press the Power button ( ) to cycle through modes until "FM" appears on the display.
2. For improved signal reception, connect the AUX cable to the AUX port on the back of the speaker. The cable acts as an external antenna.
3. To automatically scan and save available stations, long press the Play/Pause/M button ( / M). The speaker will scan and store stations.
4. Use the Previous/Next Track buttons ( / ) to navigate through saved FM stations.

## 6.5 TF / Micro SD Card Mode

- Insert a Micro SD card (TF card) with WAV or MP3 audio files into the TF card slot on the rear panel.
- The speaker will automatically switch to TF card mode or you can select it by short pressing the Power button ( ).
- Use the Play/Pause/M button ( / M) and Previous/Next Track buttons ( / ) to control playback.

## 6.6 AUX Mode

- Connect one end of the included AUX cable to the AUX port on the speaker's rear panel.
- Connect the other end to the audio output of an external device (e.g., smartphone, MP3 player).

- Short press the Power button ( ) to select AUX mode.
- Audio playback will be controlled by the connected external device.

## 6.7 Hands-Free Calling

<b>Material</b>	ABS, MDF, Silicone
<b>Weight</b>	1.2 lb (Excluding cable)
<b>Size</b>	6 x 3.3 x 3.1 inch (W x D x H)
<b>Power</b>	Type-C USB cable (Included)
<b>Composition</b>	Retro radio speaker, AUX cable, Type-C USB cable (2.5A), Manual



Image 5: The speaker and a smartphone, illustrating the hands-free calling feature.

- This feature is only supported when the speaker is in Bluetooth mode and paired with a smartphone.
- When a call comes in, the music will pause. Press the Play/Pause/M button ( / M) to answer the call.
- Speak into the built-in microphone on the speaker.
- Press the Play/Pause/M button ( / M) again to end the call. Music playback will resume automatically.

## 6.8 Wireless Charging

# Wireless Charger

Max. 10W

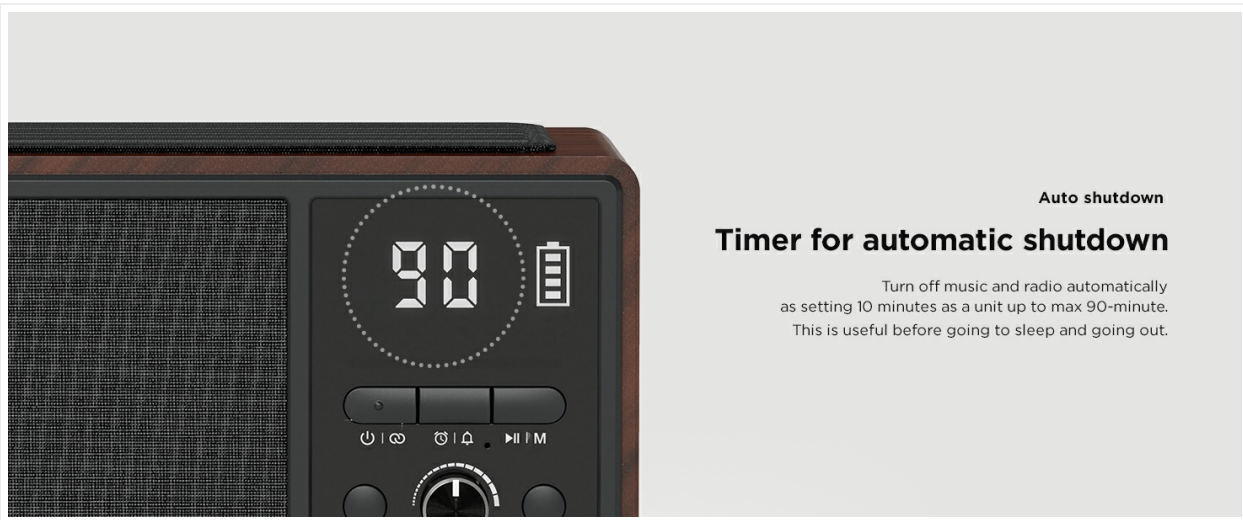


Image 6: A smartphone actively charging on the wireless charging pad of the mooas MBS5.

- The wireless charging function operates only when the speaker is plugged into a power source via the Type-C USB cable.
- Place your wireless charging compatible smartphone or earphones on the designated charging area on top of the speaker.
- Ensure the device is centered on the charging pad for optimal contact.
- The charging indicator on your device will confirm that charging has begun.
- The charger supports up to 10W output, compatible with various devices including Samsung, Apple, and LG models.

## 6.9 Timer Mode (Auto Shutdown)





#### Auto shutdown

### Timer for automatic shutdown

Turn off music and radio automatically as setting 10 minutes as a unit up to max 90-minute. This is useful before going to sleep and going out.

Image 7: The speaker's display indicating '90' minutes for the auto-shutdown timer.

- The speaker features an auto-shutdown timer, useful for listening to music or radio before sleep.
- To activate, short press the Clock button ( ) repeatedly until the timer icon appears and a number (e.g., 10, 20, 30, up to 90) is displayed.
- Each press increases the timer by 10 minutes, up to a maximum of 90 minutes.
- The speaker will automatically power off once the set time has elapsed.

## 7. MAINTENANCE

- Clean the speaker with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the device free from dust and debris, especially around the ports and speaker grille.
- Store the speaker in a cool, dry place when not in use for extended periods.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; not charged.	Connect to power source and charge fully.
Wireless charging not working.	Speaker not plugged in; phone case too thick/metal; phone not compatible; phone not centered.	Ensure speaker is plugged in. Remove phone case. Reposition phone on charging pad. Verify phone supports wireless charging.
Poor FM radio reception.	No antenna connected; weak signal in location.	Connect the AUX cable to the AUX port to act as an antenna. Try moving the speaker to a different location.
Bluetooth pairing issues.	Speaker not in Bluetooth mode; device too far; previously paired device connected.	Ensure speaker is in Bluetooth mode ("BLUE" displayed). Move device closer (within 32 feet/10m). Disconnect from other Bluetooth devices.

Problem	Possible Cause	Solution
Loud voice announcements (e.g., "Power off").	Default setting.	Set the speaker volume to zero before powering off to silence the announcement.
Display is too bright.	No brightness adjustment feature.	Power off the speaker if the display brightness is disruptive.

9. SPECIFICATIONS

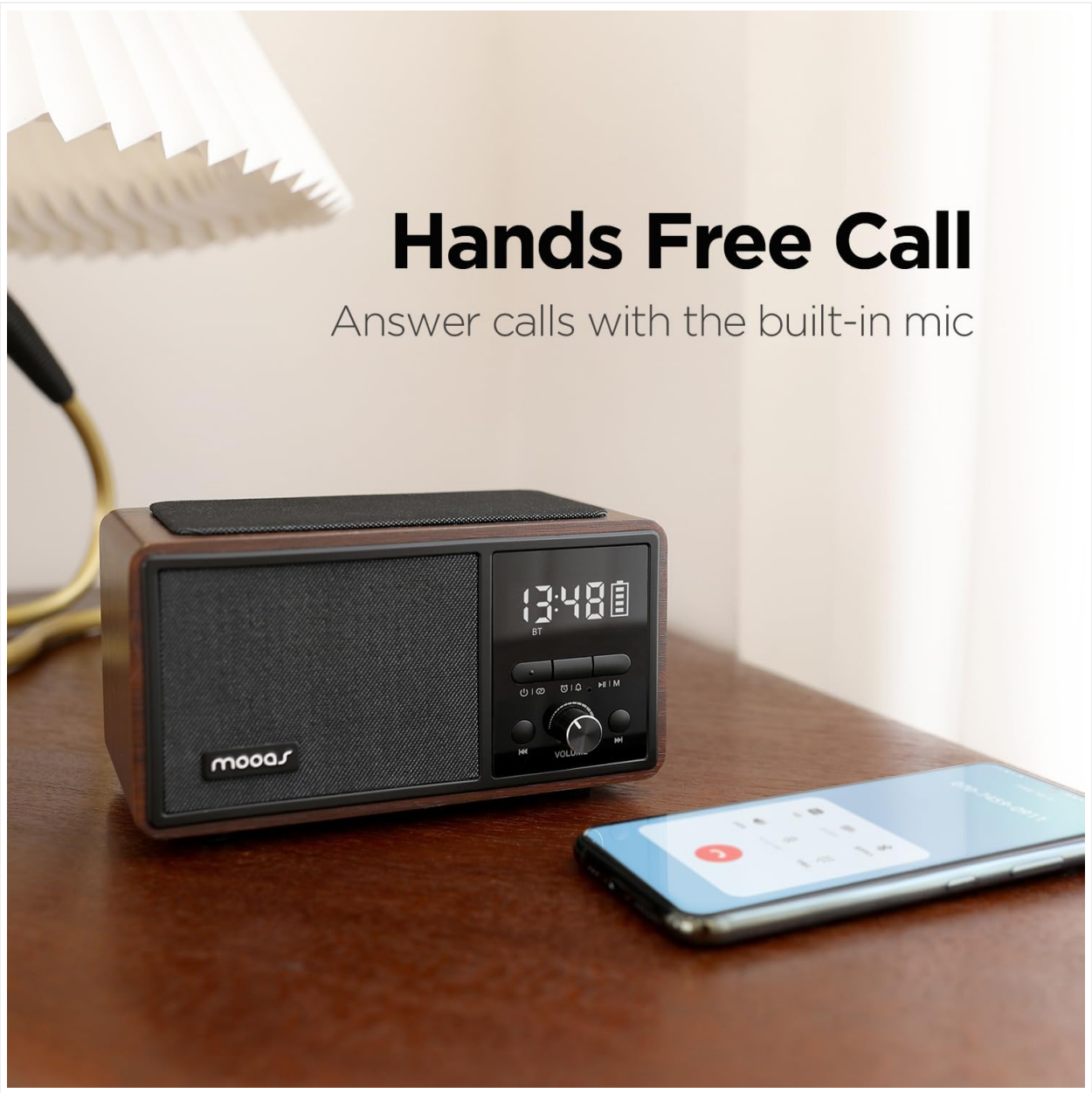


Image 8: Product label with model name and basic specifications.



Feature	Detail
Brand	mooas
Model	MBS5

Feature	Detail
Display Type	Digital (24H format only)
Connectivity	Bluetooth 5.0, AUX, TF/Micro SD Card
Wireless Charging Output	Max 10W (5W/7.5W/10W)
Rated Input	5V 2A / 9V 2A
Battery	3.7V 1200mAh Lithium Ion
Playing Time	Approx. 3-5 hours (on battery)
Charging Time	Approx. 2-3 hours
Dimensions (W x D x H)	6 x 3.3 x 3.1 inches
Weight	1.19 lbs (excluding cable)
Materials	ABS, MDF, Silicone
Special Features	Alarm, Snooze, FM Radio, Hands-Free Calling, Auto-Shutdown Timer

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official mooas website or contact your retailer. Keep your purchase receipt for warranty claims.

### Related Documents - MBS5

	<p><a href="#">Mooas Flip Desk Clock User Manual</a></p> <p>User manual for the Mooas Flip Desk Clock, detailing its features, specifications, and usage instructions. Learn how to set up and maintain your retro-style flip clock.</p>
	<p><a href="#">mooas Pop Mirror LED Alarm Desk Clock User Manual and Guide</a></p> <p>Comprehensive user manual for the mooas Pop Mirror LED Alarm Desk Clock. Learn how to set up, operate, and troubleshoot this multi-functional desk clock featuring a mirror display, LED time, alarm, snooze, and temperature monitoring.</p>

	<p><a href="#">mooas Flat 15W Wireless Charging Nightlight Alarm Clock User Guide</a></p> <p>User guide for the mooas Flat 15W Wireless Charging Nightlight Alarm Clock. Learn about its features, setup, operation, wireless charging, nightlight, alarm functions, time setting, and troubleshooting.</p>
	<p><a href="#">Mooas Moonlight Dual LED Clock (Date Ver.) User Manual</a></p> <p>Comprehensive user manual for the Mooas Moonlight Dual LED Clock (Date Ver.). Learn how to set the time, date, and alarm, operate the mood lamp, adjust brightness, and utilize the remote control. Includes features, components, and important precautions.</p>
	<p><a href="#">Mooas Full Moon LED Wood Silent Wall Clock User Manual</a></p> <p>Comprehensive user manual for the Mooas Full Moon LED Wood Silent Wall Clock. Learn about its features including LED display, silent operation, remote control, alarm, timer, sunrise alarm, and backlight. This guide provides setup, operation, and specification details.</p>
	<p><a href="#">mooas LED Digital Mirror Clock User Manual</a></p> <p>User manual for the mooas LED Digital Mirror Clock, detailing features, how to use, alarm settings, temperature display, and precautions. Includes product specifications and operational guidance.</p>