Stagg AS10B US

Stagg AS10B US Powered Speaker Cabinet

Instruction Manual

1. Introduction

Thank you for purchasing the Stagg AS10B US Powered Speaker Cabinet. This 2-way active speaker features Class D amplification, Bluetooth TWS stereo connectivity, and a UHF microphone, delivering 125 Watts of rated power. This manual provides essential information for the safe and efficient operation of your speaker. Please read it thoroughly before use and retain it for future reference.

2. Safety Instructions

- **Power Source:** Connect the speaker only to a power supply of the type described in this manual or marked on the unit. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing. Do not place objects filled with liquids on the apparatus.
- **Cleaning:** Clean only with a dry cloth.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Grounding:** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. Package Contents

Upon unpacking, please ensure all items listed below are present and in good condition:

- Stagg AS10B US Powered Speaker Cabinet
- Power Cord
- UHF Wireless Microphone
- User Manual (this document)

4. Product Overview

Familiarize yourself with the various components and controls of your Stagg AS10B US speaker.



Figure 4.1: Front View

This image shows the front of the Stagg AS10B US speaker, featuring the protective metal grille covering the 10-inch woofer and 1-inch compression driver. The Stagg logo is visible at the bottom center of the grille.



Figure 4.2: Side View
This image displays the side profile of the Stagg AS10B US speaker, highlighting its robust cabinet design and integrated side handle for easy portability.



Figure 4.3: Speaker Base with Wheels
A close-up view of the speaker's base, showing the integrated wheels for convenient transport and the rubber feet for stable placement when stationary.



Figure 4.4: Rear Control Panel Overview

This image provides a comprehensive view of the rear control panel, which houses all input/output connections, volume controls, equalization settings, and the power switch.



Figure 4.5: Control Panel - Top Section

A detailed view of the upper part of the control panel, showing the digital display, media player controls (Mode, Repeat, Play/Pause, Skip), EQ, Volume controls for media, and the TWS button.



Figure 4.6: Control Panel - Bottom Section

A detailed view of the lower part of the control panel, including the UHF wireless microphone volume, RF indicator, On/Off switch for the microphone, Master Echo, Master Level, Mic Input (XLR/TRS combo), Aux Input (RCA), Treble and Bass EQ knobs, and LED indicators for Power, Peak, and Charging status.



Figure 4.7: UHF Wireless Microphone

This image displays the full Stagg UHF wireless microphone, showing its ergonomic design and the power switch on the body.

5. Setup Guide

5.1 Power Connection

1. Ensure the speaker's power switch is in the OFF position.
2. Connect the supplied power cord to the AC inlet on the rear panel of the speaker.
3. Plug the other end of the power cord into a suitable grounded electrical outlet.

5.2 Initial Placement

Place the speaker on a stable, flat surface or mount it on a compatible speaker stand (not included). Ensure there is adequate ventilation around the unit to prevent overheating.

6. Operation

6.1 Powering On/Off

To power on the speaker, flip the POWER switch on the rear panel to the 'ON' position. The 'POWER' LED indicator will illuminate. To power off, flip the switch back to 'OFF'.

6.2 Basic Audio Connections

- **Microphone Input:** Connect a wired microphone or other audio source to the MIC input (XLR/TRS combo jack) on the rear panel. Adjust the 'MIC VOL' knob to control the microphone's volume.
- **Auxiliary Input:** Connect an external audio device (e.g., MP3 player, laptop) to the AUX INPUT (RCA jacks).

6.3 Bluetooth Pairing

1. Ensure the speaker is powered on.
2. Press the 'MODE' button on the control panel until 'BLUETOOTH' mode is selected on the display. The Bluetooth icon will flash, indicating it's ready for pairing.
3. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.
4. Select 'STAGG AS10B' from the list. Once connected, the Bluetooth icon on the speaker's display will stop flashing and remain solid.
5. Adjust the 'VOL' knob in the media player section to control the Bluetooth audio volume.

6.4 UHF Wireless Microphone Usage

1. Insert two AA batteries (not included) into the wireless microphone, ensuring correct polarity.
2. Turn on the microphone using its power switch. The 'RF' indicator on the speaker's control panel should illuminate, indicating a successful connection.
3. Adjust the 'UHF WIRELESS MICROPHONE VOL' knob on the speaker to control the microphone's output level.

6.5 TWS (True Wireless Stereo) Function

The TWS function allows you to pair two AS10B US speakers for a true stereo sound experience.

1. Ensure both AS10B US speakers are powered on and in Bluetooth mode, but *not* yet paired with any device.
2. On one of the speakers (this will be the master unit), press and hold the 'TWS' button for a few seconds. The display will indicate TWS pairing mode.
3. The two speakers will automatically connect to each other. Once connected, the master unit's display will show 'TWS' and the Bluetooth icon will flash.
4. Now, pair your Bluetooth device to the master speaker as described in Section 6.3. Audio will now play

in stereo across both speakers.

6.6 Tone Control and Master Volume

- **TREBLE / BASS:** Use these knobs to adjust the high and low frequencies of the overall sound output.
- **ECHO:** Adjust the 'ECHO' knob to add reverberation to the microphone input.
- **MASTER LEVEL:** This knob controls the overall output volume of the speaker. Adjust it carefully to avoid distortion. The 'LEVEL' LEDs indicate the output level, and the 'PEAK' LED will light up if the signal is clipping, indicating potential distortion. Reduce the volume if the 'PEAK' LED frequently illuminates.

7. Maintenance and Care

- **Cleaning:** Wipe the speaker cabinet with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris.
- **Power Cord:** Regularly inspect the power cord for any signs of damage. If damaged, replace it immediately with an approved cord.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; No power from outlet	Check power cord connection; Turn power switch ON; Test outlet with another device
No sound output	Volume too low; Incorrect input selected; Source device not playing; Cables faulty	Increase MASTER LEVEL and input volume; Ensure correct mode (Bluetooth/Aux); Check source device playback; Replace cables if necessary
Bluetooth not pairing	Speaker not in pairing mode; Device too far; Already paired to another device	Press MODE to select Bluetooth; Move device closer; Disconnect from other devices and try again
Wireless microphone not working	Microphone off; Batteries low/dead; UHF VOL too low	Turn microphone ON; Replace batteries; Increase UHF WIRELESS MICROPHONE VOL
Distorted sound	Volume too high (clipping); EQ settings incorrect; Faulty source	Reduce MASTER LEVEL (check PEAK LED); Adjust TREBLE/BASS; Test with a different audio source

9. Technical Specifications

- **System Type:** 2-Way Active Speaker
- **Woofer:** 10 Inch / 1.5 Inch Voice Coil
- **Compression Driver:** 1 Inch
- **Rated Power:** 125W

- **Peak Power:** 250W
- **Power Source:** Corded Electric (110-240V ~ 50/60Hz)
- **Connectivity:** Bluetooth, XLR/TRS Combo Input, RCA Aux Input
- **Wireless Microphone:** UHF
- **Features:** TWS (True Wireless Stereo), Echo, Treble/Bass EQ
- **Item Weight:** 19.06 pounds (8.65 kg)
- **Package Dimensions:** 14 x 12.5 x 12 inches (35.56 x 31.75 x 30.48 cm)
- **Model Number:** AS10B US
- **UPC:** 882030268083

10. Warranty and Support

Stagg products are manufactured to high quality standards. For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official Stagg website. Keep your proof of purchase for any warranty claims.
For further assistance, you may contact Stagg customer support through their official channels. Please have your model number (AS10B US) and purchase date ready when contacting support.

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