Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Audibax DSP15

Audibax DSP15 Active Speaker User Manual

Model: DSP15 | Brand: Audibax

1. Introduction

Thank you for choosing the Audibax DSP15 Active Speaker. This manual provides essential information for the safe and efficient operation of your new speaker. Please read this manual thoroughly before using the product to ensure proper setup, operation, and maintenance. Keep this manual for future reference.





Figure 1.1: Front view of the Audibax DSP15 Active Speaker.

2. Safety Instructions

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons.

- **Power Source:** Connect the speaker only to a power supply of the type described in this manual or marked on the unit.
- **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. It is **NOT** waterproof.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

3. Package Contents

Ensure all items are present and in good condition upon unpacking:

- Audibax DSP15 Active Speaker
- User Manual (this document)
- Power Cable

Note: Additional cables for audio input (e.g., RCA, XLR) are not included and must be purchased separately if needed.

4. Product Overview

4.1 Physical Features





Figure 4.1: Side view showing the integrated handle for easy transport.

The Audibax DSP15 features a robust ABS construction designed for durability and portability. It includes an integrated handle on the side for easy transport. The speaker is equipped with a 15" woofer and a 3" driver, delivering powerful and clear audio.

4.2 Control Panel and Connections





Figure 4.2: Rear control panel detailing inputs, outputs, and controls.

The rear panel provides all necessary controls and connection ports:

Component	Description
MASTER VOL / PUSH FOR DSP	Rotary knob to adjust the overall volume. Push to cycle through DSP modes (Music, Live, DJ, Speech, etc.) and equalization settings.
MIC/LINE Inputs (XLR/TRS Combo)	Two combo inputs for connecting microphones or line-level audio sources.
LINE Input (RCA)	Stereo RCA input for connecting line-level devices like CD players or mixers.
MIX OUT (XLR)	XLR output for sending the mixed audio signal to another speaker or audio device.
POWER Switch	Turns the speaker ON or OFF.
MAINS INPUT	Power cable connection port.
Bluetooth Display	Displays Bluetooth connection status and current DSP mode.

5. Setup

5.1 Placement

Position the speaker on a stable, flat surface or mount it on a compatible speaker stand. The Audibax DSP15 features a 36mm flange stand mount on its bottom for easy integration with standard speaker poles.



Figure 5.1: Bottom view illustrating the 36mm pole mount for stand placement.

Ensure adequate ventilation around the speaker to prevent overheating. Avoid placing it in direct sunlight or near heat sources.

5.2 Power Connection

1. Ensure the POWER switch on the rear panel is in the OFF position.
2. Connect the supplied power cable to the MAINS INPUT on the speaker.
3. Plug the other end of the power cable into a suitable electrical outlet.

5.3 Audio Connections

Connect your audio sources to the appropriate inputs on the rear panel:

- **Microphones/Mixers:** Use XLR or 1/4" TRS cables to connect to the MIC/LINE inputs.
- **CD Players/Other Line Devices:** Use RCA cables to connect to the LINE input.
- **Linking Speakers:** Use an XLR cable from the MIX OUT of one speaker to an input on another active speaker.

6. Operating Instructions

6.1 Powering On/Off

1. Before powering on, ensure all volume levels are set to minimum.
2. Flip the POWER switch to the ON position. The display will illuminate.
3. To power off, flip the POWER switch to the OFF position.

6.2 Volume Control

Rotate the **MASTER VOL** knob clockwise to increase the overall volume and counter-clockwise to decrease it. Adjust gradually to avoid sudden loud sounds.

6.3 Bluetooth Connection

The Audibax DSP15 supports Bluetooth connectivity for wireless audio streaming.

1. Ensure the speaker is powered on and the Bluetooth display is active.
2. On your Bluetooth-enabled device (smartphone, tablet, laptop), go to the Bluetooth settings.
3. Search for available devices. The speaker should appear as "Audibax DSP15" or similar.
4. Select the speaker to pair. Once paired, the Bluetooth display on the speaker will indicate a successful connection.
5. You can now play audio from your device wirelessly through the speaker.

Note: The speaker also supports TWS (True Wireless Stereo) for pairing two Audibax DSP speakers for a stereo sound experience. Refer to the specific TWS pairing instructions if available in a separate guide or on the manufacturer's website.

6.4 DSP Function and Playback Modes



Figure 6.1: Key features of the Audibax DSP15, highlighting DSP presets.

The Audibax DSP15 features a high-quality internal Digital Signal Processor (DSP) that allows you to optimize the sound for different applications.

- **Changing DSP Modes:** Press the **MASTER VOL** knob to cycle through the available DSP modes. The current mode will be displayed on the screen.
- **Available Modes:** Common modes include:
    - **Music:** Optimized for general music playback.
    - **Live:** Suitable for live performances with instruments and vocals.
    - **DJ:** Enhanced bass and treble for DJ sets.
    - **Speech:** Clearer vocal reproduction for presentations or announcements.
- **Equalization:** The DSP also offers three-band equalization. Consult the on-screen menu by pressing the MASTER VOL knob to access and adjust bass, mid, and treble settings as needed.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Audibax DSP15 speaker.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the speaker. Do not use liquid cleaners or aerosol cleaners.
- **Storage:** If storing the speaker for an extended period, keep it in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check the power cord and all connection cables for any signs of damage. Replace damaged cables immediately.

8. Troubleshooting

If you encounter issues with your Audibax DSP15 speaker, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Power	◦ Ensure the power cable is securely connected to both the speaker and the power outlet. ◦ Check if the power outlet is functional (test with another device). ◦ Verify the POWER switch is in the ON position.
No Sound Output	◦ Increase the MASTER VOL knob. ◦ Check audio source volume. ◦ Ensure audio cables are correctly connected to the appropriate inputs. ◦ If using Bluetooth, ensure the device is paired and playing audio. ◦ Try a different audio source or cable to rule out faulty equipment.
Bluetooth Pairing Issues	◦ Ensure the speaker is in Bluetooth mode. ◦ Move your Bluetooth device closer to the speaker. ◦ Turn off and on Bluetooth on your device, then try pairing again. ◦ Forget the device from your Bluetooth list and re-pair. ◦ Ensure no other devices are currently connected to the speaker via Bluetooth.
Distorted Sound	◦ Reduce the MASTER VOL. ◦ Check the input level from your audio source; it might be too high. ◦ Ensure cables are not damaged or loose. ◦ Try adjusting DSP equalization settings.

If the problem persists after trying these solutions, please contact Audibax customer support or a qualified service technician.

9. Specifications

Detailed technical specifications for the Audibax DSP15 Active Speaker:

Feature	Specification
Model Name	DSP15
Speaker Type	Active Speaker with 15" Woofer
Peak Power	1500 Watts
Maximum Speaker Output Power	100 Watts
Frequency Response	45Hz-120Hz (-10dB)
Peak SPL	125dB
Impedance	4 Ohms
Sensitivity	95dB

Feature	Specification
Connectivity Technology	RCA, Bluetooth, XLR
Special Features	Bluetooth, Internal DSP (Equalization, Playback Modes), TWS support
Audio Output Mode	Stereo
Mounting Type	Floor Standing (with 36mm flange stand mount)
Product Dimensions (L x W x H)	48 x 45 x 76 cm (18.9 x 17.7 x 29.9 inches)
Item Weight	22 Kilograms (48.5 lbs)
Is Waterproof	No
Compatible Devices	Laptop, Tablet, Smartphone
Manufacturer	Audibax
Country of Origin	China



Figure 9.1: Dimensions of the Audibax DSP15 Active Speaker.

10. Warranty and Support

Information regarding warranty coverage and customer support for the Audibax DSP15 speaker is typically provided with your purchase documentation or can be found on the official Audibax website. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or service inquiries, please visit the official Audibax support page or contact their customer service directly.



Audibax Official Logo.

© 2024 Audibax. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B09TQFL158

More documents and user manuals: **https://manuals.plus/**