

Power Dynamics Sky-178.480

Power Dynamics CSB15 Active PA Speaker Instruction Manual

Model: Sky-178.480

INTRODUCTION

Thank you for purchasing the Power Dynamics CSB15 Active PA 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, usage, and maintenance. Keep this manual for future reference.

The Power Dynamics CSB15 is a powerful 15-inch active PA speaker designed for various audio applications. It features an integrated 800W amplifier, a 2-way bass reflex system, and multiple input options for microphones and line-level sources, making it suitable for mobile use and events.

SAFETY INSTRUCTIONS

Important Safety Information:

- Read all instructions before operating the appliance.
- Keep this manual for future reference.
- Do not expose the unit to rain or moisture to avoid electric shock.
- Ensure the power cord is not damaged. Do not operate the unit with a damaged cord.
- Always connect the unit to a grounded power outlet.
- Disconnect the power plug from the mains before cleaning or servicing.
- Do not open the housing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the unit on a stable, flat surface.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not place heavy objects on the unit.

- Keep the unit away from children.
- Use only accessories specified by the manufacturer.

PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking:

- Power Dynamics CSB15 Active PA Speaker
- Power Cable
- Instruction Manual (this document)

If any items are missing or damaged, please contact your retailer immediately.

PRODUCT OVERVIEW

Front View



Image: Front view of the Power Dynamics CSB15 Active PA Speaker, showing the 15-inch woofer protected by a metal grille and the piezo horn tweeter.

Rear Panel Controls and Connections



Image: Close-up of the rear control panel, detailing the various knobs and input/output ports.

1. **MIC VOL:** Microphone volume control.
2. **MIC ECHO:** Microphone echo effect level control.
3. **TREBLE:** Treble equalization control for adjusting high frequencies.
4. **BASS:** Bass equalization control for adjusting low frequencies.
5. **VOLUME:** Master volume control for the overall output.
6. **MIC INPUT (MIC1, MIC2):** 6.3mm jack inputs for connecting microphones.
7. **LINE IN (RCA):** RCA stereo input for connecting line-level audio sources (e.g., mixer, CD player).
8. **LINE OUTPUT (RCA):** RCA stereo output for connecting to another active speaker or amplifier.
9. **POWER Switch:** On/Off switch for the speaker.
10. **POWER Inlet:** IEC power connector for the main power cable.

SETUP

Follow these steps to set up your Power Dynamics CSB15 Active PA Speaker:

1. **Placement:** Position the speaker on a stable, flat surface or mount it on a compatible 35mm speaker stand using the integrated tophat mount. Ensure there is adequate space around the speaker for ventilation.
2. **Power Connection:**
 - Ensure the speaker's POWER switch is in the OFF position.
 - Connect the supplied power cable to the POWER Inlet on the rear panel of the speaker.
 - Plug the other end of the power cable into a grounded 230Vac / 50Hz mains power outlet.
3. **Audio Input Connection:**

- **For Microphones:** Connect your microphones to the MIC INPUT (MIC1 or MIC2) 6.3mm jack ports.
 - **For Line-Level Sources:** Connect your audio source (e.g., mixer, CD player, smartphone via adapter) to the LINE IN RCA inputs.
4. **Output Connection (Optional):** If connecting to another active speaker or amplifier, use the LINE OUTPUT RCA ports.
 5. **Initial Settings:** Before powering on, ensure all volume knobs (MIC VOL, VOLUME) are set to their minimum position. Set TREBLE and BASS controls to the center (flat) position.

Speaker Dimensions

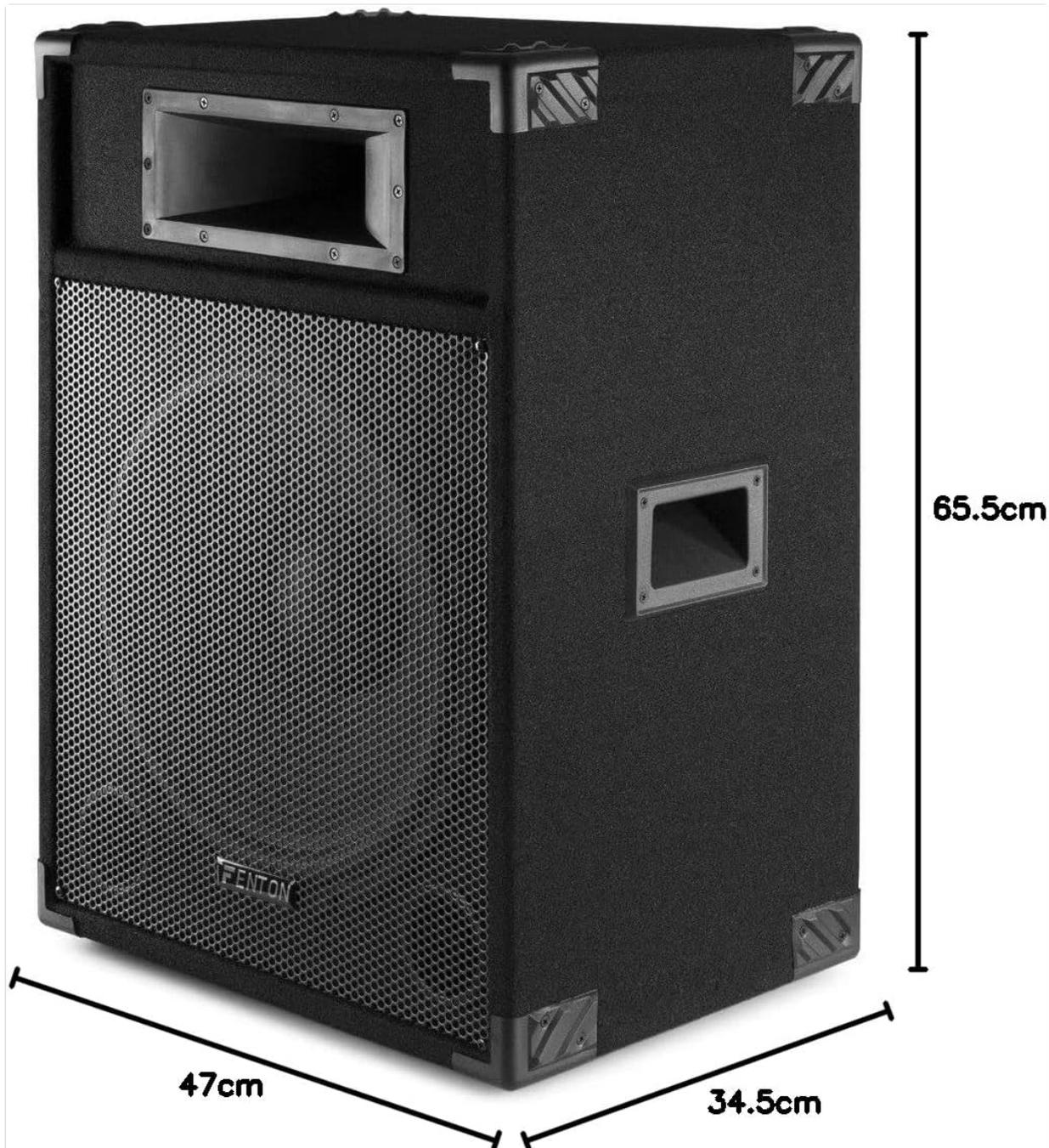


Image: Diagram showing the dimensions of the speaker: approximately 65.5cm height, 47cm width, and 34.5cm depth.

OPERATING INSTRUCTIONS

Once the speaker is set up, follow these steps for operation:

1. **Power On:** Flip the POWER switch to the ON position. The power indicator light should illuminate.
2. **Adjust Master Volume:** Slowly turn up the main VOLUME knob to a desired listening level.
3. **Adjust Microphone Volume and Echo:** If using microphones, slowly increase the MIC VOL knob. Adjust the MIC ECHO knob to add an echo effect as desired.
4. **Adjust Equalization:** Use the TREBLE and BASS knobs to fine-tune the sound to your preference or room acoustics. Turn clockwise to boost, counter-clockwise to cut.
5. **Monitoring:** Listen to the audio output and make adjustments as needed to achieve optimal sound quality without distortion.
6. **Power Off:** Before powering off, turn down all volume controls to their minimum. Then, flip the POWER switch to the OFF position.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your speaker:

- **Cleaning:**
 - Always disconnect the power cord before cleaning.
 - Use a soft, dry cloth to wipe the exterior of the speaker.
 - Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
 - Keep the metal grille free from dust and debris.
- **Storage:**
 - Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
 - If storing for extended periods, cover the speaker to protect it from dust.
- **Transportation:** Use the integrated side handles for safe and easy transportation. The robust design with protective corners ensures durability during transit.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; No power from outlet.	Check power cable connection; Ensure POWER switch is ON; Test outlet with another device.
No sound output	Volume too low; Incorrect input selected; Input source issue; Cable connection issue.	Increase VOLUME knob; Check input source connection; Ensure audio source is playing; Try different cables.
Distorted sound	Volume too high (speaker or source); Input signal too strong; Damaged speaker component.	Reduce VOLUME on speaker and/or source; Check input signal level; If distortion persists, contact service.
Microphone not working	MIC VOL too low; Microphone faulty; Incorrect connection.	Increase MIC VOL; Test microphone with another device; Ensure microphone is correctly plugged into MIC INPUT.

Problem	Possible Cause	Solution
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Humming or buzzing noise	Ground loop; Interference from other electronics; Faulty cable.	Ensure all equipment is on the same power circuit; Try different cables; Move speaker away from other electronics.
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If the problem persists after trying these solutions, please contact qualified service personnel.

SPECIFICATIONS

Feature	Specification
Model Number	Sky-178.480
Power Output (Max)	800 Watts
Frequency Response	35 Hz - 20 kHz
Woofer Size	15 Inches
Tweeter Type	Piezo Horn Tweeter
Input Voltage	230 Volts (AC) / 50Hz
Connections	2x 6.3mm Jack Microphone Inputs, RCA Line In, RCA Line Out
Control Method	Tactile (Knobs)
Special Features	Integrated Microphone Echo, Bass Reflex System, Metal Grille, 35mm Tophat Mount
Dimensions (L x W x H)	34.5 x 47 x 65.5 cm (approx. 13.6 x 18.5 x 25.8 inches)
Weight	13.7 Kilograms (approx. 30.2 lbs)
Color	Black, Silver/Grey

WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact your authorized Power Dynamics dealer or visit the official Power Dynamics website for contact information.

Manufacturer: Tronios B.V.

