Canton Chrono AS 525 SC Black

Canton Chrono AS 525 SC Speaker User Manual

Model: Chrono AS 525 SC Black

Introduction

Thank you for choosing the Canton Chrono AS 525 SC Speaker. This active subwoofer system is designed to deliver powerful and precise bass reproduction, enhancing your audio experience. Featuring a massive "high gloss" baffle, aluminum-manganese tweeter systems, and woofer/midrange speakers with wave technology, this speaker is engineered for optimal performance. This manual provides essential information for the proper setup, operation, and maintenance of your new speaker.

Important Safety Instructions

- Read these instructions thoroughly before operating the speaker.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

Package Contents

Please check that all items listed below are included in your package:

- Canton Chrono AS 525 SC Speaker (Single)
- Power Cord
- User Manual (this document)

Setup

1. Placement

Optimal placement of the subwoofer is crucial for sound quality. Consider the following:

- **Corner Placement:** Placing the subwoofer in a corner often maximizes bass output due to room acoustics.
- **Wall Placement:** Placing it against a wall can also enhance bass.
- **Listening Position:** Experiment with different positions relative to your main listening area to find the best balance and integration with your main speakers.
- Ensure adequate ventilation around the speaker.

2. Connections

Before making any connections, ensure all audio equipment is turned off and unplugged from the power outlet.

1. **Audio Input:** Connect the audio output from your receiver or amplifier to the input terminals on the Canton Chrono AS 525 SC. Use high-quality audio cables for optimal sound.
2. **Power Connection:** Once audio connections are secure, connect the power cord to the speaker's power inlet and then to a suitable wall outlet.



Figure 1: Front view of the Canton Chrono AS 525 SC Speaker without the grille, highlighting the large subwoofer driver and bass port. This view is useful for understanding the speaker's acoustic design.

Operating Instructions

1. Power On/Off

Locate the power switch on the rear panel of the subwoofer. Flip the switch to the "ON" position to power on the unit. The speaker may have an auto-standby feature that activates when no audio signal is detected for a period.

2. Adjusting Settings

The Canton Chrono AS 525 SC typically features controls on its rear panel to fine-tune its performance to your room and main speakers.

- **Volume/Gain Control:** Adjust this knob to match the output level of the subwoofer with your main speakers. Start low and gradually increase until the bass blends seamlessly with the rest of your system.
- **Crossover Frequency Control:** This control determines the highest frequency the subwoofer will reproduce. Set it to integrate smoothly with your main speakers' low-frequency cutoff. A common starting point is around 80 Hz, but adjust based on your main speakers' capabilities.
- **Phase Control (0°/180°):** This switch helps ensure the subwoofer's sound waves are in phase with your main speakers' sound waves. Experiment with both settings to find the one that produces the most impactful and coherent bass.

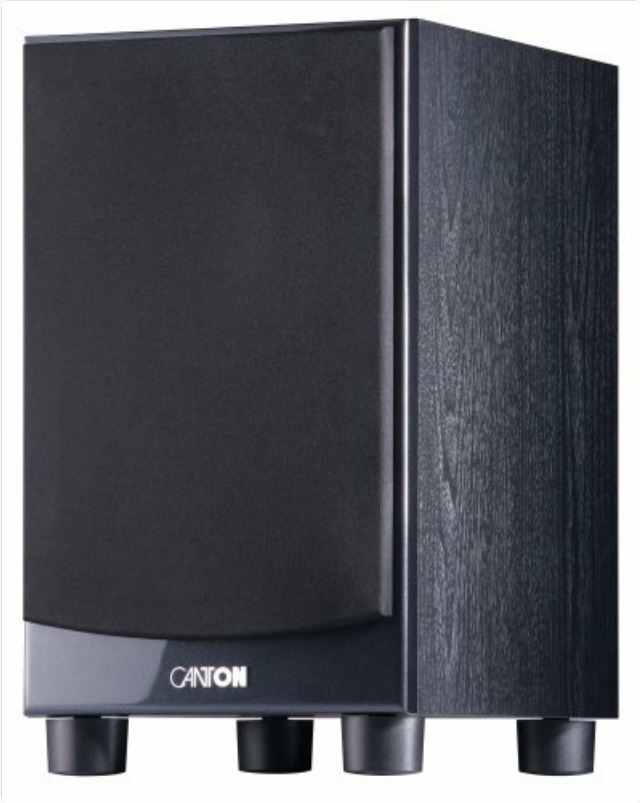


Figure 2: Front view of the Canton Chrono AS 525 SC Speaker with the protective grille in place, showcasing its elegant design and compact form factor.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the speaker's surfaces. For the "high gloss" baffle, a slightly damp cloth followed by a dry one can be used, but avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked by dust or other objects.
- **Storage:** If storing the speaker for an extended period, keep it in a cool, dry place, ideally in its original packaging to

protect it from dust and physical damage.

Troubleshooting

Problem	Possible Cause	Solution
No Sound from Subwoofer	◦ Power cord not connected or power switch off. ◦ Audio cables not connected properly. ◦ Volume/gain control set too low. ◦ Receiver/amplifier output issue.	◦ Check power cord and power switch. ◦ Verify all audio cable connections. ◦ Increase the volume/gain control on the subwoofer. ◦ Check your receiver/amplifier settings and connections.
Weak or Muffled Bass	◦ Incorrect crossover frequency setting. ◦ Phase setting is incorrect. ◦ Subwoofer placement is not optimal.	◦ Adjust the crossover frequency to blend better with main speakers. ◦ Toggle the phase switch (0°/180°) and listen for improvement. ◦ Experiment with different subwoofer placements in the room.
Distorted Sound	◦ Volume/gain set too high. ◦ Input signal is too strong.	◦ Reduce the volume/gain on the subwoofer. ◦ Lower the output level from your receiver/amplifier.

Specifications

Feature	Detail
Model Name	Chrono AS 525 SC
Speaker Type	Subwoofer
Special Feature	Subwoofer
Subwoofer Diameter	12 Inches
Surround Sound Channel Configuration	1
Colour	Black
Material	Aluminum
Item Weight	13.61 kg (13 kg 600 g)
Is Waterproof	false
Frequency response curve	25 Hz - 200 Hz
Product Dimensions (LxWxH)	37.08 x 25.4 x 44.96 cm (14.6 x 10 x 17.7 inches)
Speaker Maximum Output Power	150 Watts
Connectivity Technology	wired
Audio Output Mode	Surround

Feature	Detail
Mounting Type	Tabletop Mount

Warranty and Support

Canton products are manufactured to high quality standards and are designed for reliable performance. For information regarding warranty coverage and terms, please refer to the warranty policy provided at the time of purchase or visit the official Canton website. Keep your purchase receipt as proof of purchase for any warranty claims.
For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Canton customer support through their official channels. Contact information can typically be found on the manufacturer's website or on the product packaging.

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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.

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