

## Speco Technologies SPC15

# Speco Technologies SPC15 PA Speaker Instruction Manual

Model: SPC15

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Speco Technologies SPC15 PA Speaker. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the speaker and ensure user safety:

- Do not expose the speaker to extreme temperatures, humidity, or direct sunlight for extended periods.
- Ensure all connections are secure before powering on the system.
- Do not attempt to open or service the speaker yourself. Refer all servicing to qualified personnel.
- Use only the specified power source and accessories.
- Avoid placing the speaker in locations where it may be subject to strong vibrations or impacts.
- This speaker is designed for Public Address Systems and outdoor use. While it features water-resistant properties, it is not fully waterproof. Avoid submerging the unit.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Speco Technologies SPC15 PA Speaker
- Wall Mount Bracket
- Instruction Manual (this document)

## 4. PRODUCT OVERVIEW

The Speco Technologies SPC15 is an 8-inch aluminum PA horn speaker designed for public address systems

and outdoor applications. It features a robust construction and delivers clear audio output.



Figure 1: Speco Technologies SPC15 PA Speaker. This image shows a grey, horn-shaped PA speaker with a white rim and the 'SPECO' logo on the center of the horn. A sturdy mounting bracket is attached to its cylindrical body.

## 5. SETUP

### 5.1 Mounting the Speaker

The SPC15 speaker is designed for wall mounting using the included bracket. Choose a suitable location that provides optimal sound dispersion and is structurally sound to support the speaker's weight (approximately 3 pounds).

- 1. Select Location:** Identify a wall or sturdy surface for mounting. Consider the speaker's intended coverage area.
- 2. Mark Drilling Points:** Use the wall mount bracket as a template to mark the drilling points on the chosen surface.
- 3. Drill Holes:** Drill appropriate pilot holes for the mounting screws (not included, select based on wall material).
- 4. Secure Bracket:** Attach the wall mount bracket securely to the surface using suitable screws and

anchors.

5. **Attach Speaker:** Fasten the speaker to the mounted bracket. Adjust the angle for desired sound direction.

## 5.2 Connecting the Speaker

The SPC15 speaker supports both wired and Bluetooth connectivity.

- **Wired Connection:** Connect the speaker to your public address system or amplifier using appropriate speaker wire. Ensure correct polarity (+ to + and - to -) for optimal sound quality. The speaker has an impedance of 8 Ohms.
- **Bluetooth Connection:**
  - a. Power on the speaker.
  - b. Activate Bluetooth pairing mode on the speaker (refer to your specific PA system's instructions if integrated, or the speaker's control interface if standalone).
  - c. On your Bluetooth-enabled device (e.g., gaming console, home theater, karaoke machine, projector, television), search for available Bluetooth devices.
  - d. Select "SPC15" (or similar identifier) from the list to pair.
  - e. Once paired, audio will be routed through the speaker.

## 6. OPERATING INSTRUCTIONS

The SPC15 speaker is primarily designed for public address systems. Operation will largely depend on the connected audio source and control system.

- **Power On/Off:** Ensure the speaker is connected to a power source. Power on the connected amplifier or PA system.
- **Volume Control:** Adjust the volume using the controls on your connected audio source (e.g., amplifier, mixer, Bluetooth device).
- **Voice Control:** If your connected system supports voice control and is configured to manage the speaker, you may use voice commands to adjust settings or playback. Refer to your system's manual for specific voice control functionalities.
- **Audio Source Selection:** Select the desired audio input (e.g., microphone, music player, Bluetooth) from your connected PA system.

## 7. MAINTENANCE

Regular maintenance helps prolong the life and performance of your speaker.

- **Cleaning:** Wipe the speaker's exterior with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild detergent, then wipe dry immediately. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the mounting bracket and connections for tightness and signs of wear.
- **Environmental Protection:** While water-resistant, protect the speaker from heavy rain or direct water jets to prevent internal damage.

## 8. TROUBLESHOOTING

If you encounter issues with your SPC15 speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Speaker not powered on. Incorrect wiring. Volume too low. Bluetooth not paired. Faulty audio source.	Ensure connected amplifier/PA system is on. Check speaker wire connections for correct polarity. Increase volume on audio source. Re-pair Bluetooth device. Test with a different audio source.
Distorted sound	Volume too high. Poor audio source quality. Loose connections.	Reduce volume. Use a higher quality audio source. Check all connections.
Bluetooth pairing issues	Speaker not in pairing mode. Device too far from speaker. Interference.	Ensure speaker is in pairing mode. Move device closer to speaker. Minimize other wireless devices nearby.

If the problem persists, contact Speco Technologies customer support for assistance.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Speco Technologies
Model Name	SPC15
Speaker Type	Outdoor, PA Horn Speaker
Mounting Type	Wall Mount
Special Feature	Water-resistant
Recommended Uses	Public Address Systems
Speaker Size	8 Inches
Color	Black (as per product description, though image is grey)
Item Weight	3 Pounds (1.36 kg)
Impedance	8 Ohms
Maximum Output Power	25 Watts
Frequency Response	200Hz - 15kHz
Sensitivity	110dB
Connectivity Technology	Bluetooth, Wired

Feature	Detail
Control Method	Voice (via compatible systems)
Product Dimensions	8.7 x 8.7 x 8.7 inches (22.1 x 22.1 x 22.1 cm)
Material	Aluminum
UPC	634746244192

## 10. WARRANTY INFORMATION

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The Speco Technologies SPC15 PA Speaker comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty card included with your product or visit the official Speco Technologies website. Keep your proof of purchase for warranty claims.

## 11. CUSTOMER SUPPORT

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For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Speco Technologies customer support:

- **Website:** Visit the official Speco Technologies website for support resources, FAQs, and contact information.
- **Phone/Email:** Refer to the contact details provided on the manufacturer's website or product packaging.