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› Valcom V-936400 25/70-Volt Speaker Instruction Manual

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Model: V-936400

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Valcom V-936400 25/70-Volt Speaker. Designed for clear voice and music reproduction, this 8-inch speaker is suitable for various audio applications and operates on both 25-volt and 70-volt speaker lines.

Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: Front view of the Valcom V-936400 8-inch speaker. This image shows the black speaker cone and the mounting holes around the perimeter.

2. SAFETY INFORMATION

- Always disconnect power to the audio system before installing or servicing the speaker.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Installation should be performed by qualified personnel familiar with low-voltage audio systems.
- Do not expose the speaker to excessive moisture or extreme temperatures.
- Use appropriate mounting hardware and techniques to secure the speaker firmly.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Valcom V-936400 8-inch Speaker (without grille)
- Mounting Hardware (screws, nuts, or clips as supplied)

4. SPECIFICATIONS

Attribute	Detail
Model Name	V-936400
Brand	Valcom
Speaker Size	8-inch
Maximum Output Power	5 Watts
Connectivity Technology	Wired
Mounting Type	Flush Mount
Operating Voltage	25-volt and 70-volt speaker lines
Tap Settings	0.312 to 5 watts



Image 4.1: The Valcom V-936400 speaker shown in hands for a visual representation of its 8-inch size.

5. SETUP AND INSTALLATION

5.1. Mounting

The Valcom V-936400 is designed for flush mounting. Ensure the mounting surface is structurally sound and can support the weight of the speaker. Cut an appropriate-sized opening in the mounting surface, typically 8 inches in diameter, ensuring sufficient clearance for the speaker's depth.

Secure the speaker using the provided hardware. Ensure the speaker is seated flush and firmly attached to prevent vibration and ensure optimal sound performance.

5.2. Wiring and Tap Settings

This speaker operates on 25-volt or 70-volt constant voltage speaker lines. It features multiple tap settings to adjust the power output. Refer to the label on the back of the speaker and the diagram below for correct wiring.



Image 5.1: Rear view of the Valcom V-936400 speaker, displaying the wiring terminals and the label detailing 70V and 25V tap settings with corresponding wire colors.

Wiring Diagram and Tap Settings:

70V Watts	25V Watts	Lead Wire Color
Common	Common	BLACK
0.312	0.039	VIOLET
0.625	0.078	GREY
1.25	0.156	BLUE
2.5	0.312	WHITE
5.0	0.625	GREEN

-- Do Not Use --	1.25	ORANGE
-- Do Not Use --	2.5	RED
-- Do Not Use --	5.0	BROWN

Connection Procedure:

1. Identify the desired wattage tap for your 25V or 70V system.
2. Connect the common (BLACK) wire to the common terminal of your amplifier or audio distribution system.
3. Connect the colored wire corresponding to your chosen wattage tap to the positive terminal of your amplifier or audio distribution system.
4. Ensure all connections are tight and insulated.

6. OPERATING INSTRUCTIONS

Once properly installed and wired, the Valcom V-936400 speaker will reproduce audio signals from your connected amplifier or audio system. No user adjustments are required on the speaker itself after the initial tap setting.

- Ensure your amplifier is powered on and configured correctly for 25V or 70V operation.
- Adjust the volume level from your amplifier or audio source.
- Monitor sound quality to ensure proper operation.

7. MAINTENANCE

The Valcom V-936400 speaker requires minimal maintenance.

- **Cleaning:** Periodically wipe the speaker's surface with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Occasionally inspect the speaker for any visible damage or loose connections. Address any issues promptly.

8. TROUBLESHOOTING

If you experience issues with your Valcom V-936400 speaker, refer to the following common troubleshooting steps:

- **No Sound:**
 - Ensure the amplifier is powered on and functioning correctly.
 - Check all wiring connections for tightness and correct polarity.
 - Verify the correct tap setting is selected for your system voltage (25V or 70V).
 - Confirm the audio source is active and sending a signal.
- **Distorted Sound:**
 - Reduce the volume level from the amplifier or audio source.
 - Check for loose wiring connections.

- Ensure the speaker is not physically damaged.
- Verify the tap setting is appropriate for the power output of your amplifier. An incorrect tap can lead to overdriving or underpowering.

9. WARRANTY INFORMATION

Valcom products are designed for reliability. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Valcom website. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Valcom customer support. Contact information can typically be found on the Valcom website or on your product packaging.

Website: www.valcom.com