

On-Q MS3651

Legrand On-Q MS3651 6.5-Inch In-Wall Speaker System User Manual

Model: MS3651

1. INTRODUCTION

Thank you for choosing the Legrand On-Q MS3651 6.5-inch In-Wall Speaker System. These speakers are designed for multi-room audio installations, offering high-efficiency sound reproduction. Featuring blue mica fiber woofers and silver mylar tweeters, they deliver excellent sound quality and a smooth frequency response for an immersive audio experience in your home or office environment.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions before installation and use.

- **Professional Installation Recommended:** Installation of in-wall speakers requires knowledge of electrical wiring and building codes. If you are unsure, consult a qualified electrician or audio installer.
- **Power Off:** Always disconnect power to the circuit before performing any installation or wiring.
- **Wiring:** Use appropriate gauge speaker wire for your installation length to prevent signal loss and ensure safe operation. Ensure all connections are secure and insulated.
- **Structural Integrity:** Verify that the wall structure can support the weight of the speakers and that there are no electrical wires, plumbing, or other obstructions behind the intended mounting location.
- **Ventilation:** Ensure adequate air circulation around any connected audio equipment (amplifier/receiver) to prevent overheating.
- **Moisture:** Do not install speakers in areas prone to excessive moisture or direct water exposure, as these speakers are not waterproof.

3. PACKAGE CONTENTS

Your Legrand On-Q MS3651 speaker system package should contain the following items:

- One pair (2 speakers) of Legrand On-Q 3000 Series 6.5-inch In-Wall Speakers.
- Two paintable speaker grilles.



Image: Two Legrand On-Q in-wall speakers with their paintable grilles installed, ready for integration into a wall.

4. INSTALLATION GUIDE

4.1. Tools Required

- Stud finder
- Drywall saw or utility knife
- Measuring tape and pencil
- Speaker wire (appropriate gauge)
- Wire strippers
- Screwdriver (Phillips head)
- Drill (optional, for pilot holes)

4.2. Location Selection

Careful placement is crucial for optimal sound performance. Consider the following:

- **Wall Cavity:** Ensure sufficient depth and clear space behind the wall surface.
- **Obstructions:** Use a stud finder to locate studs, electrical wires, and plumbing. Avoid these areas.
- **Listening Area:** Position speakers to create a balanced sound field in your primary listening area.

4.3. Cutting the Opening

1. Using the provided template (if included) or the speaker's outer frame, carefully trace the cutout dimensions onto the wall at your chosen location.
2. Using a drywall saw or utility knife, carefully cut along the traced line. Ensure the cut is clean and precise.

4.4. Wiring the Speakers



Image: Front view of the in-wall speaker without the grille, showing the blue mica fiber woofer and silver mylar tweeter.

1. Run speaker wire from your amplifier/receiver to each speaker opening. Leave enough slack for easy connection.
2. Strip approximately 1/2 inch of insulation from the ends of the speaker wires.
3. Connect the positive (+) terminal of the speaker to the positive (+) terminal of the amplifier, and the negative (-) terminal of the speaker to the negative (-) terminal of the amplifier. Ensure correct polarity for all speakers in your system.
4. Securely fasten the wires into the speaker's spring-loaded or screw terminals.

4.5. Mounting the Speakers



Image: An installed Legrand On-Q in-wall speaker seamlessly integrated into a modern living room wall, demonstrating its discreet design.

1. Carefully insert the speaker assembly into the wall opening.
2. Tighten the mounting screws located on the front baffle of the speaker. These screws will engage the dog-ear clamps that pivot out and secure the speaker to the drywall. Do not overtighten.

4.6. Grille Installation

Once the speaker is securely mounted, align the paintable grille with the speaker frame and gently press it into place until it is flush with the wall surface. The grilles can be painted to match your wall color if desired.

5. OPERATING INSTRUCTIONS

After successful installation and connection to your amplifier or receiver, operating your Legrand On-Q in-wall speakers is straightforward:

1. Ensure your amplifier/receiver is powered on and set to the correct input source.
2. Adjust the volume on your amplifier/receiver to a comfortable listening level.
3. Enjoy high-quality audio playback through your discreetly installed in-wall speakers.

6. MAINTENANCE

Your Legrand On-Q in-wall speakers require minimal maintenance to ensure long-lasting performance:

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the speaker grilles and surrounding areas. Avoid using harsh chemicals or abrasive cleaners.
- **Grille Care:** If you have painted the grilles, handle them carefully to avoid chipping the paint. If repainting, ensure the paint is thin and does not clog the grille perforations, which could affect sound quality.
- **Inspection:** Periodically check the speaker grilles for any damage or loose fit.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speakers	• Amplifier/receiver not powered on or incorrect input selected. • Loose or incorrect speaker wire connections. • Speaker wire damage.	• Verify amplifier/receiver power and input. • Check all speaker wire connections at both the speaker and amplifier. Ensure correct polarity. • Inspect speaker wires for cuts or breaks.
Distorted or poor sound quality	• Incorrect speaker wire polarity. • Loose speaker mounting. • Over-driving the speakers (volume too high). • Damaged speaker components.	• Verify correct speaker wire polarity. • Ensure mounting screws are tightened securely. • Reduce volume. • If distortion persists, contact customer support.

Problem	Possible Cause	Solution
Speaker grille is loose	Grille not fully seated.	Gently press the grille firmly around its edges until it snaps securely into place.

8. SPECIFICATIONS

Below are the technical specifications for the Legrand On-Q MS3651 In-Wall Speakers:

Feature	Specification
Model Number	MS3651
Speaker Type	In-Wall, Multi-Room, Woofer
Woofer Diameter	6.5 Inches
Impedance	6 Ohm
Speaker Maximum Output Power	200 Watts
Connectivity Technology	Wired
Audio Output Mode	Stereo
Mounting Type	Wall Mount
Product Dimensions (D x W x H)	3.16"D x 12.31"W x 9.02"H
Item Weight	7.5 Pounds
Color	Paintable
UPC	804428026389

9. WARRANTY AND SUPPORT

The Legrand On-Q MS3651 In-Wall Speaker System comes with a**Limited or Full Warranty**. For specific details regarding your warranty coverage, please refer to the warranty card included with your purchase or visit the official Legrand On-Q website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Legrand On-Q customer service through their official website or the contact information provided in your product documentation.

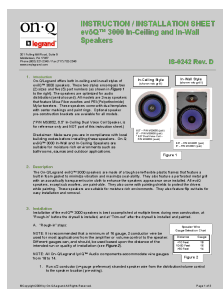
Online Resources: [Legrand On-Q Official Website](#)

Related Documents - MS3651

	On-Q Home Systems Remote 1060 User Manual and Setup Guide Comprehensive guide for the On-Q Home Systems Remote 1060, covering setup, programming, troubleshooting, and extensive device code lists for various audio and video equipment.
	Q Acoustics Q Active Wireless Speaker System - User Manual This manual provides comprehensive instructions for setting up, connecting, and operating the Q Acoustics Q Active wireless speaker system (models QA200 and QA400). It covers safety precautions, feature summaries, positioning, connectivity options, audio playback methods, system reset, and specifications.
	Q Acoustics 3000 - Q3070S Q Acoustics 3000 Q3070S
	RCF Q 15 Series: Owner's Manual for Two-Way Point Source Audio Modules Explore the RCF Q 15, Q 15-L, and Q 15-P owner's manual for detailed safety, connection, and installation guides for these professional two-way point source audio modules.

Pro10 Headset System Installation Manual Quail DIGITAL	Quail Digital Pro10 Headset System Installation Manual This installation manual provides detailed instructions for setting up and commissioning the Quail Digital Pro10 headset system, including pre-installation procedures, system components, and troubleshooting.
Midea SERVICE MANUAL MIDEA AIR-CONDITIONER EUROPE MARKET SUPERDC INVERTER MULTI TYPE	Midea Super DC Inverter Multi Type Air Conditioner Service Manual Comprehensive service manual for Midea Super DC Inverter Multi Type air conditioner outdoor units, covering installation, troubleshooting, and technical specifications for various models.

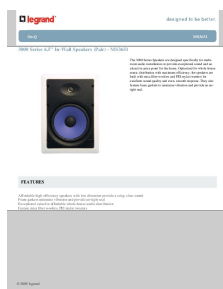
Documents - On-Q – MS3651



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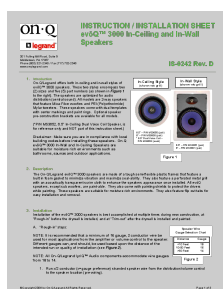
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INSTRUCTION / INSTALLATION SHEET evQTM 3000 In-Ceiling and In-Wall Speakers 301 Fulling Mill Road, ... 6.5 P/N MS3650 pair 6.5 P/N **MS3651** pair 8 P/N MS3801 pair Figure 1 2. Description The On-Q/LeGrand evQTM 3000 speakers a... lang:en score:36 filesize: 234.93 K page_count: 3 document date: 2007-04-24



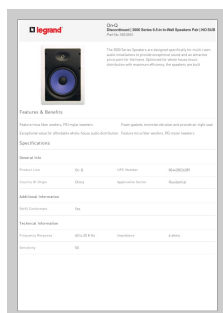
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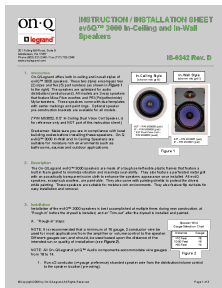
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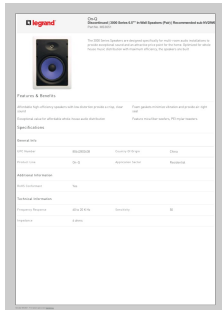
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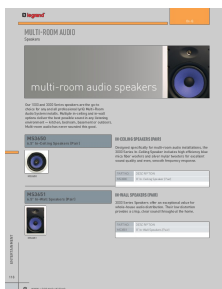
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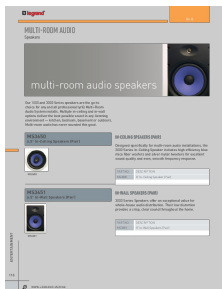
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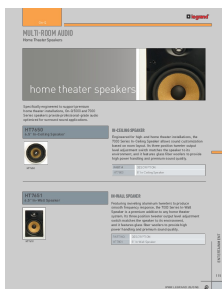
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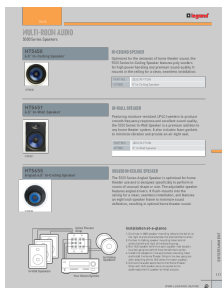
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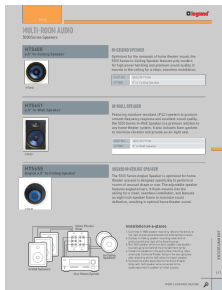
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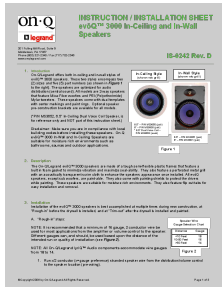
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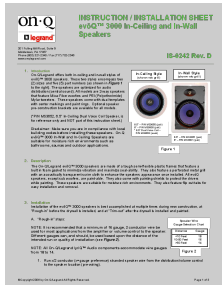
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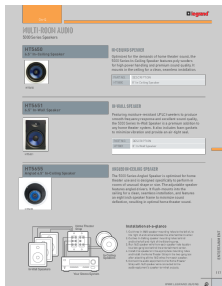
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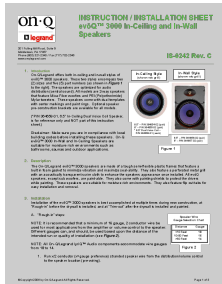
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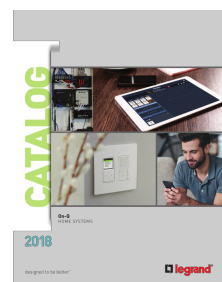
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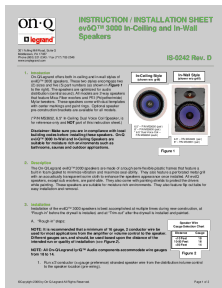
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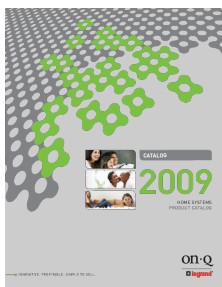


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