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> SpeakerCraft SC-DX-FW5-LCR DX-Stage Focus F Series In-Wall LCR Speaker Instruction Manual

SpeakerCraft SC-DX-FW5-LCR

SpeakerCraft SC-DX-FW5-LCR DX-Stage Focus F Series In-Wall LCR Speaker Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SpeakerCraft SC-DX-FW5-LCR DX-Stage Focus F Series In-Wall LCR Speaker. Please read these instructions thoroughly before proceeding with installation or use to ensure optimal performance and longevity of your product.

The SpeakerCraft DX-Stage Focus F Series In-Wall LCR Speaker is designed to deliver clear, room-filling sound for various audio applications, including music, movies, and gaming. Its design allows for integration into wall structures, providing a discreet audio solution.



Image 1.1: Front view of the SpeakerCraft SC-DX-FW5-LCR in-wall speaker, featuring two 5.25-inch woofers and a 1-inch pivoting silk dome tweeter, designed for flush in-wall installation.

2. KEY FEATURES

- **Power Handling:** Up to 110 watts continuous power.
- **Impedance:** 8 ohms.
- **Frequency Response:** 48 Hz to 20 kHz.
- **Sensitivity:** 90 dB.
- **Driver Configuration:** One 1-inch pivoting silk dome tweeter and two 5-1/4-inch injection-molded polypropylene woofer cones.
- **Timbre-Matched:** Designed to match all Stage Focus F Series speakers for consistent sound.
- **Pivoting Tweeter:** Allows for directing audio towards the listening area.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present and undamaged. The package should contain:

- SpeakerCraft SC-DX-FW5-LCR In-Wall LCR Speaker (1 unit)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance of your in-wall speaker. If you are unsure about any steps, it is recommended to consult a professional installer.

4.1 Planning the Installation Location

- Choose a location in the wall that is free from obstructions such as electrical wiring, plumbing, or studs.
- Ensure the wall material can support the speaker's weight and provide a stable mounting surface.
- For LCR (Left, Center, Right) applications, position the speakers to create an optimal soundstage relative to your primary listening position.

4.2 Wall Cutout and Dimensions

Before cutting, carefully measure and mark the desired location. The speaker dimensions are approximately 15.6 inches (Depth) x 3.9 inches (Width) x 7.76 inches (Height). A precise cutout template is typically included with the speaker; use it to mark the opening.



Image 4.1: Dimensional diagram of the SpeakerCraft SC-DX-FW5-LCR speaker, indicating its physical measurements for installation planning.

4.3 Wiring Connections

- Run appropriate speaker wire from your amplifier or receiver to the installation location. Ensure the wire gauge is suitable for the length of the run.
- Connect the speaker wires to the terminals on the back of the speaker, observing correct polarity (+ to + and - to -).

4.4 Mounting the Speaker

Once the cutout is made and wiring is connected, insert the speaker into the opening. The speaker typically uses dog-leg clamps that secure it to the wall. Tighten the mounting screws evenly until the speaker is flush and secure. Do not overtighten.



Image 4.2: Detail of the speaker's mounting mechanism, showing a woofer and the orange dog-leg clamp used to secure the speaker within the wall opening.

4.5 Tweeter Adjustment

The 1-inch silk dome tweeter is pivoting. After installation, you can gently adjust its direction to aim the high frequencies towards your primary listening area for optimized sound imaging.

5. OPERATING INSTRUCTIONS

The SpeakerCraft SC-DX-FW5-LCR is a passive speaker and requires an external amplifier or receiver for operation. Ensure your amplifier is capable of driving an 8-ohm load and provides sufficient power (up to 110 watts continuous) for optimal performance without distortion.

5.1 Connecting to an Audio System

- Connect the speaker to the appropriate speaker output terminals on your amplifier or receiver.

- For surround sound configurations (e.g., 5.1), ensure the speaker is connected to the designated LCR (Left, Center, Right) channel outputs.

5.2 Compatible Devices and Uses

This speaker is suitable for integration into various home audio setups and is compatible with devices such as:

- Home Theater Systems
- Gaming Consoles
- Laptops and Desktop Computers
- Smartphones and Tablets (via amplifier)
- Televisions (via amplifier)

Recommended uses include enhancing audio for movies, music playback, and immersive gaming experiences.

5.3 Control Method

As a passive speaker, the primary control for audio output (volume, balance, tone) will be managed through your connected amplifier or receiver. Some advanced receivers may offer touch-based control interfaces for system adjustments.

6. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your SpeakerCraft SC-DX-FW5-LCR speaker, follow these simple maintenance guidelines:

- **Cleaning:** Dust the speaker grille and frame regularly with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker components.
- **Avoid Liquids:** Do not spray cleaning liquids directly onto the speaker.
- **Environmental Conditions:** Avoid exposing the speaker to extreme temperatures, high humidity, or direct sunlight for extended periods.
- **Grille Removal:** If the grille needs to be removed for cleaning or access, do so gently to avoid bending or damaging it.

7. TROUBLESHOOTING

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

- **No Sound:**
 - Check all speaker wire connections at both the speaker and the amplifier/receiver for secure contact and correct polarity.
 - Ensure the amplifier/receiver is powered on and the correct input source is selected.
 - Verify that the volume is turned up and not muted on your amplifier/receiver.
- **Distorted Sound:**
 - Reduce the volume level on your amplifier/receiver. Overdriving the speaker can cause distortion.
 - Check speaker wire connections for any frayed strands that might be shorting out.
 - Ensure the amplifier's power output matches the speaker's power handling capabilities.
- **Uneven Sound or Poor Imaging:**
 - Verify that the pivoting tweeter is aimed towards your primary listening position.

- Check the balance settings on your amplifier/receiver.
- Ensure all speakers in a multi-channel setup are connected with correct polarity.

If these steps do not resolve the issue, please contact customer support or a qualified technician.

8. TECHNICAL SPECIFICATIONS

Model Name	SC-DX-FW5-LCR
Brand	SpeakerCraft
Speaker Type	Center Channel / In-Wall LCR
Speaker Maximum Output Power	110 Watts
Impedance	8 Ohms
Frequency Response	48 Hz to 20 kHz
Sensitivity	90 dB
Woofer Diameter	5.25 Inches (x2)
Tweeter Diameter	1 Inch (pivoting silk dome)
Product Dimensions (D x W x H)	15.6" x 3.9" x 7.76"
Item Weight	6.82 pounds
Mounting Type	Wall Mount
Audio Output Mode	Surround
UPC	664254031564

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This SpeakerCraft product comes with a Limited Warranty. Please refer to the warranty card included with your purchase or visit the manufacturer's official website for detailed terms and conditions regarding coverage, duration, and claims process.

9.2 Customer Support

For technical assistance, troubleshooting beyond the scope of this manual, or warranty inquiries, please contact the manufacturer, NORTEK SECURITY & CONTROL, or your authorized SpeakerCraft dealer. Contact information can typically be found on the official SpeakerCraft website.



