

## Focal ESUB600P01

# Focal SUB 600P Active Subwoofer User Manual

Model: ESUB600P01 | Brand: Focal

## 1. INTRODUCTION

Thank you for choosing the Focal SUB 600P Active Subwoofer. This product is designed to deliver powerful, controlled bass, enhancing both your Hi-Fi audio and Home Cinema experiences. Featuring a Class-D 600-watt amplifier and a 12-inch Polyflex speaker driver, its closed design ensures faithful reproduction of the original sound signal by minimizing interference noise. Please read this manual carefully to ensure proper installation, operation, and maintenance of your subwoofer.

## 2. SAFETY INSTRUCTIONS

Please observe the following safety precautions to prevent damage to the unit and ensure your safety:

- **Power Supply:** Connect the subwoofer only to an AC power source that matches the voltage indicated on the unit. Ensure the power cord is not pinched or walked on.
- **Ventilation:** Do not block any ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat Sources:** Keep the unit away from radiators, heat registers, stoves, or other heat-producing apparatus.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use only a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## 3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present:

- 1 x Focal SUB 600P Active Subwoofer
- 1 x Power Cable
- 1 x User Manual (this document)

## 4. SETUP

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### 4.1. Placement

The placement of your subwoofer significantly impacts its performance. Consider the following guidelines:

- **Corner Placement:** Placing the subwoofer in a corner often maximizes bass output due to room acoustics.
- **Wall Proximity:** Placing it near a wall can also enhance bass, but avoid placing it directly against a wall if it causes excessive boominess.
- **Listening Position:** Experiment with different positions relative to your main listening area to find the optimal balance and impact.



Image: Front angled view of the Focal SUB 600P Active Subwoofer, showcasing its sleek black finish and exposed 12-inch driver.

### 4.2. Connections

Before making any connections, ensure the subwoofer is unplugged from the power outlet. The SUB 600P features RCA connectivity for audio input.

1. **Connect to Receiver/Amplifier:** Use a high-quality RCA cable to connect the 'LFE' or 'Subwoofer Out' port on your AV receiver or amplifier to the 'LINE INPUTS' (L/R) on the rear panel of the SUB 600P. If your receiver has a single LFE output, you can connect it to either the L or R input on the subwoofer.
2. **Power Connection:** Once audio connections are secure, connect the power cable to the subwoofer's AC inlet and then to a suitable wall outlet.



Image: Rear panel of the Focal SUB 600P Active Subwoofer, displaying the various controls and input/output connections, including Line Inputs, Volume, Phase, Crossover, and Power switch.

#### Rear Panel Controls Overview:

- **AUTO STANDBY / ON:** Switch to enable or disable the automatic standby feature.
- **PHASE:** Adjusts the phase of the subwoofer output (0° or 180°) to match your main speakers.
- **CROSSOVER:** Controls the upper frequency limit of the subwoofer's output.
- **VOLUME:** Adjusts the overall output level of the subwoofer.
- **LINE INPUTS (L/R):** RCA inputs for connecting to your audio source.

- **VOLTAGE SELECTION:** Switch to select the appropriate voltage for your region (e.g., 120V or 230V) **Ensure this is set correctly before powering on.**
- **POWER I/O:** Main power switch.

## 5. OPERATING

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### 5.1. Powering On/Off

To power on the subwoofer, ensure the power cable is connected and flip the 'POWER I/O' switch on the rear panel to the 'ON' position. The subwoofer will enter standby mode if the 'AUTO STANDBY' feature is enabled and no audio signal is detected for a period.

### 5.2. Adjusting Settings

After initial setup, fine-tune the subwoofer's performance using the rear panel controls:

- **Volume:** Start with the volume knob at a low setting and gradually increase it until the bass blends seamlessly with your main speakers without overpowering them.
- **Crossover:** Adjust the crossover frequency to match the low-frequency capabilities of your main speakers. A common starting point is 80Hz, but this may vary depending on your system.
- **Phase:** Experiment with the 0° and 180° phase settings. Choose the setting that provides the most impactful and coherent bass response at your listening position.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your Focal SUB 600P, follow these maintenance guidelines:

- **Cleaning:** Dust the cabinet regularly with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using abrasive cleaners, waxes, or solvents as they can damage the finish.
- **Environment:** Keep the subwoofer in a stable environment, away from extreme temperatures, humidity, and direct sunlight.
- **Ventilation:** Ensure that the ventilation openings are always clear and not obstructed by objects or dust buildup.

## 7. TROUBLESHOOTING

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If you encounter issues with your subwoofer, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
No power / No indicator light	Power cable disconnected; Power switch off; No power from outlet.	Check power cable connection; Ensure 'POWER I/O' switch is ON; Test outlet with another device.
No sound from subwoofer	Audio cables disconnected; Volume too low; Crossover set too low; Receiver/amplifier settings incorrect.	Check RCA cable connections; Increase subwoofer volume; Adjust crossover frequency; Verify receiver's subwoofer output settings.
Distorted or boomy bass	Volume too high; Improper phase setting; Poor room acoustics/placement.	Reduce volume; Experiment with 0°/180° phase; Adjust subwoofer placement.

Problem	Possible Cause	Solution
Humming or buzzing noise	Ground loop; Poor quality RCA cable; Interference from other electronics.	Try plugging into a different outlet; Use a higher quality shielded RCA cable; Move subwoofer away from other electronic devices.

## 8. SPECIFICATIONS

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Key technical specifications for the Focal SUB 600P Active Subwoofer:

Feature	Specification
Model Name	JMLSUB600PBL
Speaker Type	Subwoofer
Speaker Maximum Output Power	600 Watts (Class-D amplifier)
Subwoofer Diameter	12 Inches
Product Dimensions (L x W x H)	15.75 x 15.75 x 16.73 inches
Item Weight	46.3 pounds
Connectivity Technology	RCA
Color	Black
Control Method	Remote (implied by spec, though not explicitly listed as included)
Power Source	AC
Manufacturer	Focal
Item Model Number	ESUB600P01
UPC	191561649668

## 9. WARRANTY INFORMATION

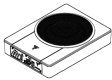




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The Focal SUB 600P Active Subwoofer comes with a Limited Warranty. For detailed information regarding the terms, conditions, and duration of your warranty, please refer to the warranty card included with your product or visit the official Focal website. Please retain your proof of purchase for any warranty claims.

## 10. SUPPORT

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For further assistance, technical support, or service inquiries, please contact Focal customer support or visit their official website. You can find more information and resources at the [Focal Store on Amazon](#) or the manufacturer's official website.

<div><div>ISUB ACTIVE</div><div>ISUB ACTIVE   ISUB ACTIVE 2.1</div><div></div><div>FOCAL</div></div>	<div><div><a href="#">Focal ISUB ACTIVE &amp; ISUB ACTIVE 2.1 User Manual</a></div><div>Explore the Focal ISUB ACTIVE and ISUB ACTIVE 2.1, compact amplified subwoofers designed to deliver powerful bass and enhance your car audio experience. This user manual provides installation, usage, and safety information.</div></div>
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**LITTORA 1000**

1000 ICW8 - 1000 ICW8 - 1000 ICW SUB10



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[Focal LITTORA 1000 Series In-Wall/In-Ceiling Loudspeakers - User Manual & Specifications](#)

Comprehensive user manual and technical specifications for the Focal LITTORA 1000 Series in-wall and in-ceiling loudspeakers, including models 1000 ICW8, 1000 ICW10, and 1000 ICW SUB10. Learn about installation, safety, features, and specifications.