

Focal FOPRO-SOLO6

Focal Professional ST6 Solo6 Studio Monitors

USER MANUAL

Introduction

The Focal Professional ST6 Solo6 is a high-performance 2-way studio monitor designed to deliver exceptional transparency, definition, dynamics, and soundstage precision. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Solo6 monitors, ensuring optimal performance and longevity. Key features include a Beryllium inverted dome tweeter for low directionality and excellent linearity, a composite sandwich 'W'-cone for sound neutrality, and a unique Focus mode that transforms the monitor into a full-range speaker using only the woofer.

Setup

Proper setup is crucial for achieving the best sound quality from your Solo6 monitors. Follow these guidelines for unpacking, placement, and initial connections.

Unpacking

Carefully remove the monitor from its packaging. Retain all packaging materials for future transport or storage. Inspect the monitor for any signs of damage during transit.

Placement

The Solo6 monitors are designed for near-field listening in a studio environment. Position them to form an equilateral triangle with your listening position. Ensure the tweeters are at ear level. Consider acoustic treatment in your room to minimize reflections and standing waves.



Image: A Focal Solo6 monitor positioned on a stand in a professional studio, demonstrating typical placement near a mixing console.

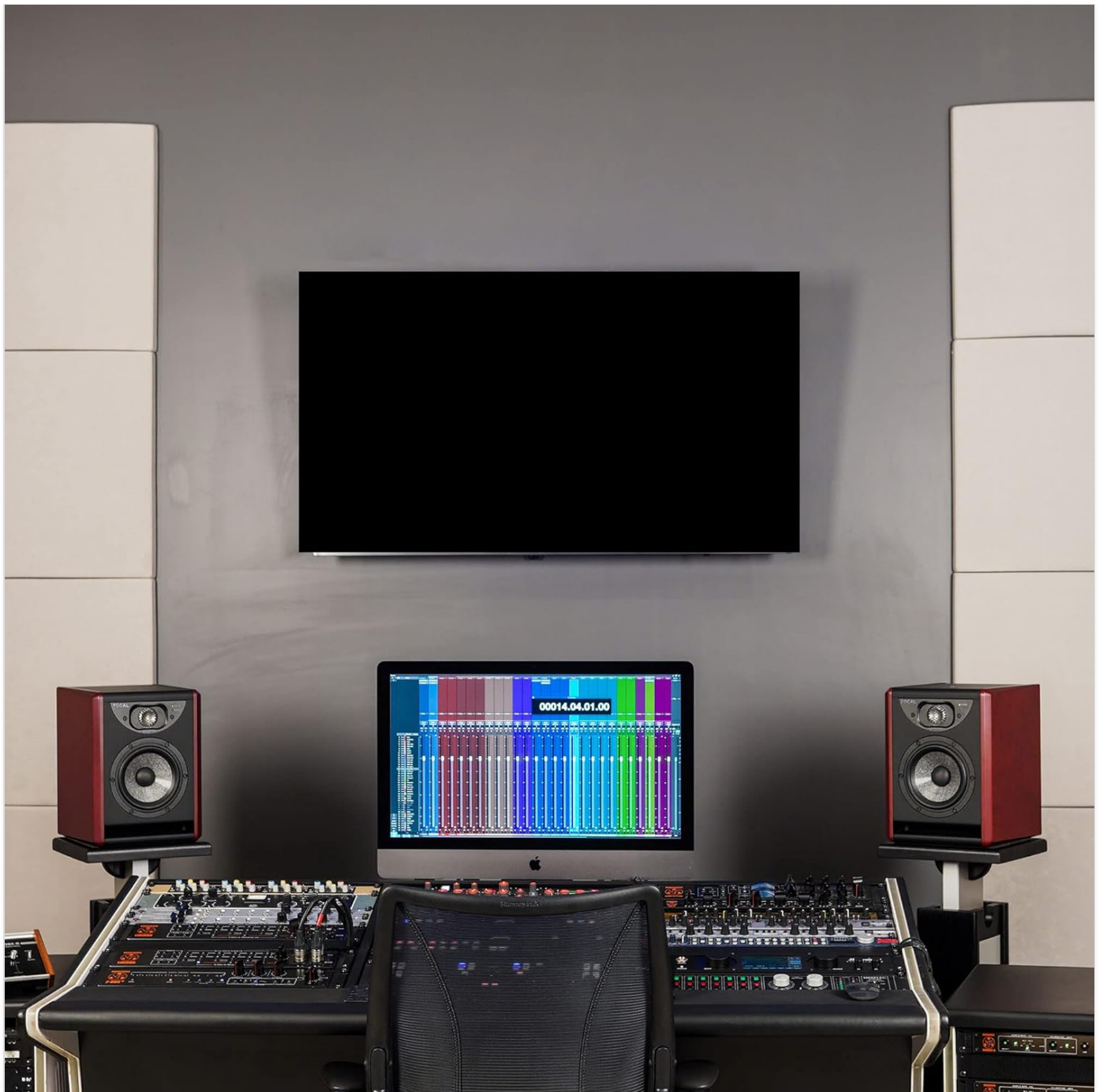


Image: A complete studio setup featuring two Focal Solo6 monitors flanking a large display and a mixing console, illustrating an ideal stereo monitoring arrangement.

Connectivity

The Solo6 monitors feature balanced XLR inputs for professional audio connections. Ensure your audio interface or mixer outputs are connected to the monitor's inputs using high-quality XLR cables. The rear panel also includes controls for sensitivity adjustment and various EQ settings.



Image: The rear panel of the Focal Solo6 monitor, detailing the balanced XLR input, power switch, voltage selector, and acoustic adjustment controls such as LF shelving, HF shelving, and LMF @ 160Hz.

Initial Power-Up

Before powering on, ensure all connections are secure and the volume on your audio source is turned down. Connect the power cable to the monitor and a suitable power outlet. Use the power switch located on the rear panel to turn the monitor on. The 'POWER' indicator on the front will illuminate.

Operating

Understanding the controls and features of your Solo6 monitor will allow you to optimize its performance for your specific listening environment and tasks.

Front Panel Indicators and Controls

The front panel features two LED indicators: 'POWER' (green) and 'FOCUS' (green). The 'POWER' LED indicates the unit is on. The 'FOCUS' LED indicates when the Focus mode is active.



Image: A detailed close-up of the front of the Focal Solo6 monitor, highlighting the Beryllium inverted dome tweeter and the composite sandwich 'W'-cone woofer, along with the 'POWER' and 'FOCUS' indicators.

Focus Mode

The Solo6 features a unique 'Focus' mode, which allows the monitor to operate as a single full-range speaker using only the woofer. This mode is useful for checking mixes on a different sonic perspective, simulating consumer playback systems. The 'FOCUS' mode can be activated or deactivated via a switch on the rear panel or a compatible remote control (sold separately).

Acoustic Settings (Rear Panel)

The rear panel provides controls to fine-tune the monitor's acoustic response to your room. These include:

- **LF Shelving:** Adjusts the low-frequency response.
- **HF Shelving:** Adjusts the high-frequency response.
- **LMF @ 160Hz:** A parametric EQ control for the low-mid frequency range, specifically at 160Hz, to address common room modes.

Experiment with these settings to achieve a balanced and accurate sound in your specific listening environment. Refer to the rear panel image in the Setup section for control locations.

Maintenance

To ensure the longevity and optimal performance of your Focal Solo6 monitors, follow these simple maintenance guidelines.

Cleaning

Use a soft, dry, lint-free cloth to clean the cabinet surfaces. For stubborn marks, a slightly damp cloth with mild, non-abrasive cleaner can be used, but avoid getting any liquid near the drivers or electronic components. Do not use harsh chemicals, solvents, or abrasive materials, as these can damage the finish.

Storage

If storing the monitors for an extended period, it is recommended to use the original packaging to protect them from dust, moisture, and physical damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

This section addresses common issues you might encounter with your Solo6 monitors. If the problem persists after following these steps, please contact Focal support.

No Sound

- Ensure the monitor is powered on and the 'POWER' LED is illuminated.
- Check all audio cables (XLR) are securely connected at both the monitor and the audio source.
- Verify the volume level on your audio source (interface, mixer) is turned up.
- Confirm the correct input is selected on your audio source, if applicable.

Distorted Sound

- Reduce the input level from your audio source to prevent clipping.
- Check for damaged audio cables.
- Ensure the monitor's rear panel sensitivity switch is set appropriately for your source level.

Hum or Buzz

- Ensure all equipment is properly grounded.

- Try connecting the monitor to a different power outlet.
- Use balanced XLR cables, as they are less susceptible to interference.
- Keep audio cables away from power cables and other sources of electromagnetic interference.

Specifications

Detailed technical specifications for the Focal Professional ST6 Solo6 Studio Monitor.



Image: A diagram illustrating the physical dimensions of the Focal Solo6 monitor, with measurements of 11.61 inches (depth), 9.69 inches (width), and 13.14 inches (height).

| Feature | Specification |
|---------|---------------|
|---------|---------------|

| Feature | Specification |
|--------------------------------|---|
| Model Name | Solo6 |
| Speaker Type | Monitor |
| Product Dimensions (D x W x H) | 11.61"D x 9.69"W x 13.14"H |
| Item Weight | 31.9 Pounds |
| Woofer Diameter | 6.5 Inches |
| Connectivity Technology | XLR (Wired, Balanced) |
| Power Source | Corded Electric |
| Audio Output Mode | Stereo, professional audio output modes |
| Included Components | Speaker |
| Color | Red |
| Manufacturer | Focal |
| Item Model Number | FOPRO-SOLO6 |

Warranty and Support

The Focal Professional ST6 Solo6 Studio Monitor comes with a Full Warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Focal website.

For technical support, service, or any questions not covered in this manual, please contact Focal customer support through their official website or authorized service centers. Providing your product's model number (FOPRO-SOLO6) and serial number will help expedite the support process.

