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› Boss Acoustic Singer Live 60-Watt Bi-Amp Acoustic Combo with FX Speaker

BOSS ACS-LIVE

BOSS Acoustic Singer Live 60-Watt Bi-Amp Acoustic Combo with FX Speaker - Instruction Manual

Model: ACS-LIVE

INTRODUCTION

The BOSS Acoustic Singer Live is a professional acoustic amplifier designed to enhance the natural tone of your acoustic guitar and vocals. Featuring innovative BOSS technology, this 60-watt bi-amp combo delivers crystal-clear sound and a range of effects to elevate your performance. It is ideal for live performances, practice, and recording.



Figure 1: Front view of the BOSS Acoustic Singer Live amplifier, showcasing its brown and black design with control panel and speaker grille.

SETUP

Follow these steps to set up your Acoustic Singer Live amplifier:

1. **Power Connection:** Connect the supplied AC power cord to the AC IN jack on the rear panel of the amplifier and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.
2. **Instrument Connection:** Connect your acoustic guitar to the **GUITAR** input jack using a standard 1/4-inch instrument cable.
3. **Microphone Connection:** Connect your microphone to the **MIC** input jack using an XLR cable. If your microphone requires phantom power, ensure the PHANTOM switch is set to ON.
4. **Auxiliary Devices:** For connecting external audio players, use the **AUX INPUT** jack.
5. **Foot Control:** Optional footswitches (e.g., BOSS FS-5L, FS-6, FS-7) can be connected to the **FOOT CONTROL** jacks for hands-free operation of features like looper, chorus, and harmony.
6. **Power On:** Once all connections are secure, turn on the power switch located on the top right of the control panel.



Figure 2: Rear panel connections of the amplifier, including AC IN, DI/LINE OUT, PHONES, FOOT CONTROL, AUX INPUT, and REC OUT.

OPERATING INSTRUCTIONS

The Acoustic Singer Live features two independent channels for guitar and vocals, each with dedicated controls and effects.

Guitar Channel Controls

- **PAD:** Reduces the input level for high-output pickups.
- **ACOUSTIC RESONANCE:** BOSS's proprietary technology that restores the natural, resonant tone of your acoustic guitar, often lost with piezo pickups.
- **VOLUME:** Adjusts the overall volume of the guitar channel.
- **BASS, MIDDLE, TREBLE:** 3-band EQ for precise tone shaping.
- **ANTI-FEEDBACK (NOTCH/PHASE):** Helps eliminate feedback. The NOTCH control targets specific frequencies, while PHASE inverts the phase of the input signal.
- **CHORUS (TYPE1/TYPE2):** Adds depth and richness to your guitar sound. Select between two distinct chorus types.
- **REVERB:** Adds spaciousness and ambience to the guitar signal.

Mic Channel Controls

- **PAD:** Reduces the input level for high-output microphones.
- **PHANTOM:** Provides +48V phantom power for condenser microphones.
- **VOLUME:** Adjusts the overall volume of the microphone channel.
- **BASS, MIDDLE, TREBLE:** 3-band EQ for vocal tone shaping.
- **ANTI-FEEDBACK (NOTCH/PHASE):** Similar to the guitar channel, helps control vocal feedback.
- **DELAY/ECHO:** Adds a repeating echo effect to your vocals.
- **REVERB:** Adds spaciousness and ambience to the vocal signal.

Harmony Function

The Harmony function automatically creates smooth and accurate vocal harmonies based on the real-time key/chord analysis of your guitar input. This feature is particularly useful for solo performers.

- **ON/OFF:** Activates or deactivates the harmony effect.
- **TYPE:** Selects the harmony type (e.g., HIGH, UNISON, LOW) to add different vocal layers.
- **LEVEL:** Adjusts the volume of the generated harmony voices.

Looper

The built-in looper allows you to record and layer guitar and vocal phrases, creating full backing tracks on the fly.

- **REC/PLAY/OVERDUB:** Controls the recording, playback, and overdubbing of loops.
- **STOP/CLEAR:** Stops playback and clears the current loop.

Master Controls

- **MASTER:** Controls the overall output volume of the amplifier.
- **TWEETER ATT:** Attenuates the tweeter output, useful for adjusting the high-frequency response.
- **MUTE:** Mutes the entire output of the amplifier.



Figure 3: Detailed view of the amplifier's control panel, showing knobs and switches for both guitar and mic channels, harmony, and looper functions.

Product Overview Video

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Video 1: A comprehensive overview of the BOSS Acoustic Singer Live amplifier, demonstrating its features and capabilities. This video highlights the ease of use and the quality of sound produced by the amplifier.

MAINTENANCE

To ensure the longevity and optimal performance of your Acoustic Singer Live amplifier, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the amplifier. Avoid using abrasive cleaners, waxes, or solvents, as these can damage the finish.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Ventilation:** Ensure proper ventilation around the amplifier during operation to prevent overheating. Do not block the ventilation openings.
- **Transportation:** When transporting the amplifier, use appropriate protective covers or cases to prevent physical damage.
- **Power Off:** Always turn off the power and unplug the amplifier from the power outlet when not in use for extended periods or before cleaning.

TROUBLESHOOTING

If you encounter issues with your Acoustic Singer Live, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No Sound Output	• Power not on. • Volume knobs turned down. • Cables not connected properly. • Mute function activated.	• Ensure power is ON. • Increase VOLUME and MASTER knobs. • Check all cable connections (instrument, mic, power). • Deactivate the MUTE function.
Feedback (Howling Sound)	• Microphone too close to speaker. • High gain settings. • Room acoustics.	• Adjust microphone position relative to the amplifier. • Use the ANTI-FEEDBACK (NOTCH/PHASE) controls. • Reduce VOLUME or gain settings.
Harmony Function Not Working	• Harmony function is OFF. • Guitar input not detected or too low.	• Ensure HARMONY is ON. • Check guitar connection and input level. • Ensure guitar is playing chords for proper detection.

For more detailed troubleshooting, please refer to the official user manual PDF linked in the support section.

SPECIFICATIONS

- **Brand:** BOSS
- **Model:** ACS-LIVE
- **Output Wattage:** 60 Watts
- **Item Weight:** 23 pounds (approx. 10.43 kg)
- **Product Dimensions:** 12.83 x 15.55 x 17.52 inches (approx. 32.59 x 39.50 x 44.50 cm)
- **Material Type:** Wood
- **Color:** Brown

- **Power Source:** Corded Electric
- **Compatible Devices:** Guitar
- **Connector Type:** XLR, 1/4-inch TS
- **Country of Origin:** Japan



Figure 4: Product dimensions of the amplifier, illustrating its compact size.

WARRANTY AND SUPPORT

For detailed warranty information and product support, please refer to the official BOSS website or contact your local distributor.

An official User Manual (PDF) is available for download, providing comprehensive details on operation, specifications, and troubleshooting:

[Download User Manual \(PDF\)](#)

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