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› Soundcraft EFX8 High-Performance 8-Channel Lexicon Effect Mixer 8 + 2 channel User Manual

Soundcraft EFX8

Soundcraft EFX8 High-Performance 8-Channel Lexicon Effect Mixer

Model: EFX8 | Brand: Soundcraft

INTRODUCTION

The Soundcraft EFX Series combines all the features of the popular Soundcraft EPM mixer with a built-in 24-bit, digital Lexicon effects processor, expanding the Soundcraft low-cost, multipurpose compact range. The Soundcraft EFX8 mixer uses the same Audio DNA processor featured in many of the Digitech and Lexicon outboard equipment including the highly respected Lexicon MX400 processor. With over 35 years experience, the Lexicon name is synonymous with the best reverb and processing in the business, ensuring the finest quality effects not usually found in a console at this price level. The Effects section fits neatly into the mixers compact framework which is available in 8 or 12 mono input variants, both with 2 stereo channels and an effects send on each channel. There are 32 effects to choose from with a tap tempo function, 3 effects parameter controls and a user effects setting store facility. An effects channel level clip LED and Mute function gives the user even more flexibility. The emphasis with the Soundcraft EFX is very firmly on quality build and audio performance, with an easy to understand control surface in line with the Soundcraft professional range. The Soundcraft EFX8 uses the highly-transparent GB30 Mic amp (designed by Graham Blyth for the company's 30th anniversary, and also used on the larger LX7ii and GB Series professional consoles). The Soundcraft EFX also offers all the features of the Soundcraft EPM most notably a configurable aux send, XLR and ¼" metal jack connector sockets, RCA phono stereo playback inputs and record outputs, 3-band EQ with a swept mid on the mono inputs, 3-band EQ on the 2 stereo inputs, TRS insert sockets, inserts on all mono inputs, ten-segment LED output metering and a headphone output.

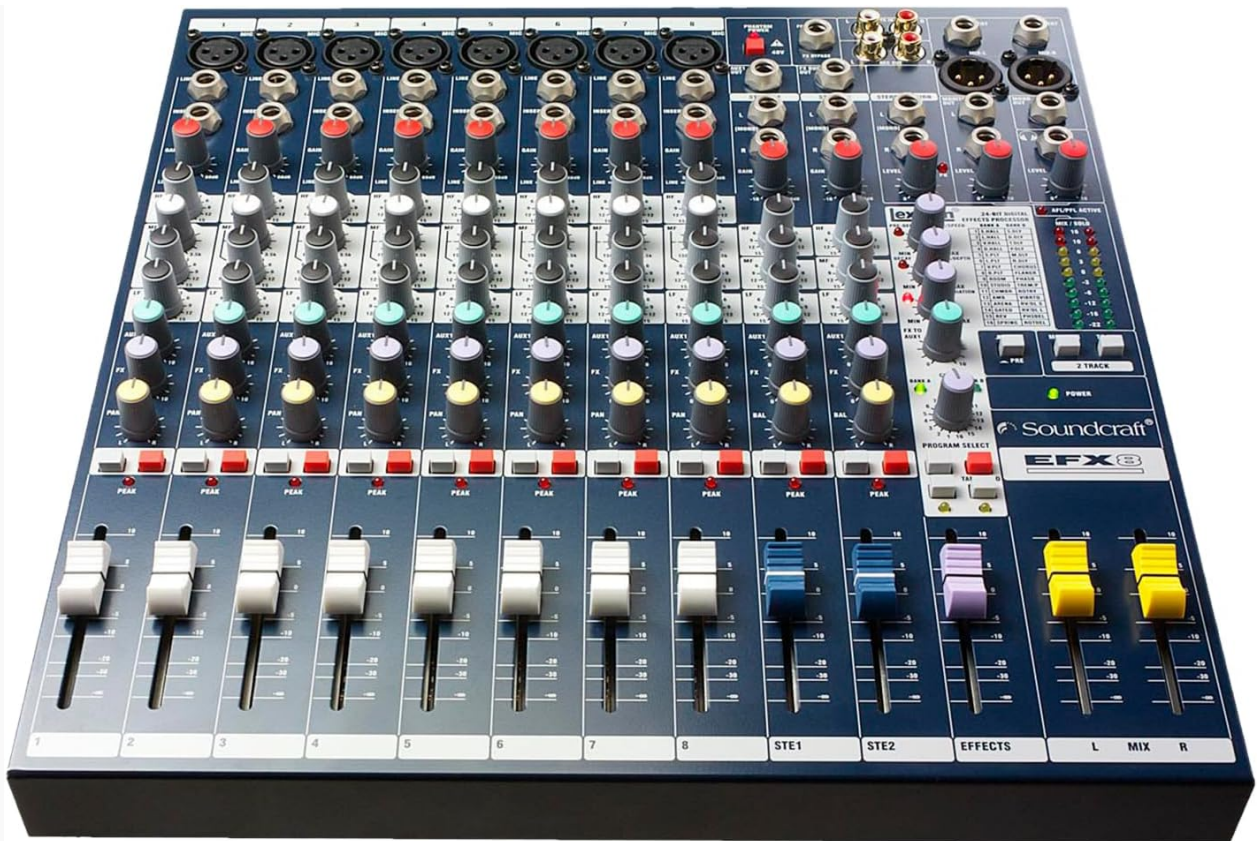


Figure 1: Top-front view of the Soundcraft EFX8 Mixer.

KEY FEATURES

- Available in 8+2 and 12+2 channel frame sizes.
- Integrated 24-bit Lexicon effects processor with 32 FX settings.
- Tap Tempo function and user effects setting storage.
- High-quality XLR-type and 1/4" metal jack connector sockets.
- One configurable auxiliary bus for flexible routing.
- Highly-transparent GB30 Mic preamps for superior audio quality.
- 3-band EQ with swept mid on mono inputs and 3-band EQ on stereo inputs.
- TRS insert sockets on all mono inputs.
- Ten-segment LED output metering for precise level monitoring.
- Robust steel construction for durability.

SETUP GUIDE

Before operating your Soundcraft EFX8 mixer, ensure it is properly set up. Place the mixer on a stable, flat surface or install it into a standard equipment rack using the appropriate rack ears (sold separately or included depending on package). The mixer is designed for flexible placement, including rack mounting.



Figure 2: Side view illustrating potential rack mounting points.

Power Connection

Connect the IEC power cable to the power inlet located on the underside of the mixer. This design helps keep cables tidy and out of the way during operation. Ensure the mixer is connected to a suitable power source as indicated in the specifications.

Audio Connections

The EFX8 features a variety of input and output options:

- **Inputs:** Use XLR connectors for microphones and 1/4" metal jack connectors for line-level instruments or devices. RCA phono inputs are available for stereo playback devices.
- **Outputs:** Main stereo output is provided via XLR connectors. RCA phono outputs are available for record outputs.
- **Inserts:** TRS insert sockets are present on all mono input channels for connecting external processing gear (e.g., compressors, gates).
- **Aux Sends:** Utilize the configurable auxiliary bus for monitor mixes or external effects sends.



Figure 3: Front view detailing the various input and output connections.

OPERATING INSTRUCTIONS

Familiarize yourself with the mixer's controls for optimal performance.



Figure 4: Close-up of individual channel controls.

Channel Controls

- **Gain:** Adjust the input sensitivity for each channel to achieve a healthy signal level without clipping.
- **EQ (Equalization):** Each mono channel features a 3-band EQ with a swept mid-frequency control, allowing precise tonal shaping. Stereo channels have a fixed 3-band EQ.
- **Aux Sends:** Control the amount of signal sent from each channel to the auxiliary outputs for monitor mixes or external effects.
- **Pan:** Position the channel's signal within the stereo field (left to right).
- **Mute:** Silences the individual channel.
- **PFL (Pre-Fader Listen):** Routes the channel's signal to the headphone output for monitoring before the fader, useful for setting gain.
- **Faders:** Control the output level of each individual channel. These faders are independent of the main mix, offering flexible control.



Figure 5: Overview of the mixer's control surface.

Effects Section

The integrated Lexicon effects processor offers 32 high-quality effects. Use the Program Select knob to choose an effect. Adjust the effect parameters using the dedicated controls. The Tap Tempo function allows you to synchronize time-based effects (like delay) to the beat. You can also store your preferred user effects settings.

Master Section

The master section includes controls for the main stereo mix, auxiliary masters, and headphone output. The ten-segment LED meters provide visual feedback on the main output levels, helping to prevent clipping.

MAINTENANCE

To ensure the longevity and optimal performance of your Soundcraft EFX8 mixer, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the surface with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild detergent, then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight, excessive heat, and humidity.
- **Handling:** Always handle the mixer with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block any ventilation openings.

TROUBLESHOOTING

If you encounter issues with your Soundcraft EFX8 mixer, refer to the following common troubleshooting tips:

- **No Sound Output:** Check all cable connections (inputs, outputs, power). Ensure all relevant channel faders, master faders, and mute buttons are in the correct position. Verify that the power indicator light is on.
- **Distorted Sound:** Reduce input gain levels to prevent clipping (indicated by peak LEDs). Check cable integrity and ensure they are fully inserted. Verify that connected devices are sending appropriate signal levels.
- **Hum or Noise:** Ensure all equipment is properly grounded. Check for faulty cables or connections. Try isolating the mixer from other electronic devices that might be causing interference.
- **Effects Not Working:** Ensure the effects send and return levels are properly adjusted. Verify that an effect program is selected and its parameters are set correctly.

For persistent issues, consult the full user manual or contact Soundcraft customer support.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	EFX8
Number of Channels	8 (mono) + 2 (stereo)

Feature	Specification
Item Weight	10.1 pounds
Product Dimensions	14.25 x 13 x 3.56 inches
Power Source	Corded Electric
Connectivity Technology	Auxiliary
Effects Processor	24-bit Lexicon (32 FX settings)
EQ	3-band with swept mid (mono), 3-band (stereo)
First Available Date	March 10, 2010

WARRANTY AND SUPPORT

Soundcraft products are built to high standards, and the EFX8 mixer is designed for robust performance. For detailed warranty information, please refer to the official Soundcraft website or the full user manual.

Additional Protection Plans

Extended protection plans are available for purchase to provide additional coverage beyond the standard manufacturer's warranty. These include:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly subscription covering multiple eligible purchases)

For more comprehensive details on operation, safety, and advanced features, please download the official user manuals:

- [User Manual \(PDF\)](#)
- [User Guide \(PDF\)](#)