

## Roland SE-02

# Roland SE-02 Boutique Designer Series Analog Synthesizer Instruction Manual

Model: SE-02

Brand: Roland

## INTRODUCTION

The Roland SE-02 is the inaugural product of the Roland Boutique Designer Series, a collaborative effort between Roland and Studio Electronics. This analog synthesizer features authentic discrete analog circuitry, delivering a distinctly vintage sound with extensive programming capabilities. Its design incorporates a comprehensive array of high-quality knobs and switches, complemented by a creative onboard sequencer, enabling expressive hands-on control and a wide range of tones and textures.

## SETUP

Before operating your Roland SE-02, ensure proper setup. The unit requires an external power source, as it does not operate on batteries for primary power. Connect the provided power adapter to the DC IN port and a suitable wall outlet. To avoid potential audio noise, it is recommended to power the unit from a wall outlet rather than through the USB mini port.

Connect your audio output to a mixer, amplifier, or headphones using appropriate audio cables. The SE-02 supports standard MIDI connections (IN/OUT) and USB-MIDI for integration with other musical equipment and computer-based setups. A USB cable is included for USB-MIDI and USB-Audio connectivity.

For advanced control, utilize the CV, VCF CV, GATE, and TRIGGER IN/OUT ports to interface with modular systems or other hardware sequencers.



Front view of the Roland SE-02 Analog Synthesizer, showcasing its knob-per-function interface.



Rear view of the Roland SE-02, displaying the various input and output ports including DC IN, USB, MIDI, CV, GATE, and audio outputs.

## OPERATING YOUR SE-02

The SE-02 offers extensive sound design capabilities through its discrete analog circuitry. It features three voltage-controlled oscillators (VCOs), each with six selectable waveforms, and temperature-stabilized oscillators for automatic tuning stability. The 24 dB low-pass filter and dual gain-stage amplifier contribute to its rich sound. Explore unique sonic textures using the three types of cross modulation (XMOD), a feedback loop, and a noise generator. For expanded polyphony, multiple SE-02 units can be connected via MIDI using Chain Mode. The unit includes 384 preset and 128 user locations for saving and recalling sounds. Its musical and intuitive pattern sequencer features a song mode, allowing for complex melodic and rhythmic arrangements. The 16-step sequencer offers expanded functionality for dynamic performance.



A user interacting with the Roland SE-02's control knobs, demonstrating its hands-on interface.



The Roland SE-02 integrated with a keyboard controller, illustrating its use in a musical setup.

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Official product video demonstrating the features and sound capabilities of the Roland SE-02 Analog Synthesizer.

## MAINTENANCE

To ensure the longevity and optimal performance of your Roland SE-02, regular maintenance is recommended. Keep the unit clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Store the synthesizer in a cool, dry environment, away from direct sunlight, extreme temperatures, and humidity. Protect the unit from physical impact. It is advisable to use a padded case when transporting the SE-02 to prevent

damage to its knobs and internal components.

## TROUBLESHOOTING

### Audio Issues

- **Volume or Delay Issues:** If experiencing problems with line out volume or delay, ensure you are using an 1/8" mono cable or an 1/8" mono to 1/4" adapter, depending on your setup. Using an 1/8" stereo mini cable for the line out can cause phasing issues.
- **Audio Noise/Hiss:** Ensure the unit is powered directly from a wall outlet using the correct power adapter. Powering via USB from certain sources might introduce noise.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Body Material	Metal
Connector Type	USB
Included Components	MIDI cables, USB cable, and audio cables
Manufacturer	Roland
UPC	761294509937
Item Weight	3.96 pounds (1.8 Kilograms)
Product Dimensions	14 x 7 x 5 inches
Item Model Number	SE-02
Date First Available	July 7, 2017
Color	Multicolor

## WARRANTY AND SUPPORT

The Roland SE-02 is covered by a manufacturer's warranty. For specific details regarding warranty terms, coverage, and duration, please refer to the warranty information provided with your product packaging or visit the official Roland website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Roland customer support through their official channels.