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## Schecter 1743

# Schecter Synyster Gates Custom-S Electric Guitar (Model 1743) User Manual

Model: 1743

## INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your new Schecter Synyster Gates Custom-S Electric Guitar. This instrument features a Mahogany body, a Mahogany 3-piece set neck with Ultra Access and Carbon Fiber Reinforcement Rods, and an Ebony fretboard. It is equipped with a Schecter USA Synyster Gates Signature Bridge Humbucker Pickup and a Sustainiac Neck Pickup & Control System, along with a Floyd Rose 1500 Series Tremolo and Locking Nut. Please read this manual thoroughly to ensure proper use and care of your guitar.





Image: The Schecter Synyster Gates Custom-S Electric Guitar, showcasing its distinctive Satin Gold Burst finish and body shape.

## SETUP

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1. **Unpacking and Inspection:** Carefully remove the guitar from its packaging. Inspect the instrument for any visible damage that may have occurred during shipping.
2. **Initial Tuning:** Due to the Floyd Rose 1500 Series Tremolo and Locking Nut system, initial tuning requires specific steps. Unlock the nut clamps at the headstock. Tune the guitar using the tuning keys. Once tuned, lock the nut clamps. Fine-tuning can then be done using the fine tuners on the bridge.
3. **Strap Attachment:** Securely attach a guitar strap to the strap buttons located on the body of the guitar.
4. **Connecting to an Amplifier:** Use a standard 1/4-inch instrument cable to connect the guitar's output jack to your amplifier's input. Ensure your amplifier is turned off or at a low volume before connecting.
5. **Sustainiac System Activation:** Familiarize yourself with the Sustainiac controls. The Sustainiac system allows for infinite sustain of notes. Refer to the "Operating" section for detailed usage.

## OPERATING

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The Schecter Synyster Gates Custom-S is designed for versatile performance. Understanding its controls is key to unlocking its full potential.





Image: Detail of the guitar's body, showing the Floyd Rose tremolo, Schecter USA Synyster Gates Signature Humbucker, Sustainiac pickup, and control knobs.

- **Volume Knob:** Controls the overall output volume of the guitar. Turn clockwise to increase volume, counter-clockwise to decrease.
- **Tone Knob:** Adjusts the treble frequencies. Turn clockwise for brighter tones, counter-clockwise for warmer, darker tones.
- **Pickup Selector Switch:** This 3-way or 5-way switch (depending on specific model configuration) allows you to select between the bridge humbucker, neck Sustainiac pickup, or a combination of both.
  - **Bridge Position:** Activates the Schecter USA Synyster Gates Signature Bridge Humbucker for powerful, high-output tones.
  - **Middle Position:** Typically combines both pickups for a balanced sound.
  - **Neck Position:** Activates the Sustainiac Neck Pickup, primarily used for the Sustainiac system.
- **Sustainiac Controls:** Your guitar features a Sustainiac system. This typically includes a mini-toggle switch to activate the Sustainiac driver and another mini-toggle to select the harmonic mode (Fundamental, Mix, Harmonic). Experiment with these controls to achieve desired sustain effects.
- **Floyd Rose Tremolo System:** The Floyd Rose 1500 Series Tremolo allows for expressive pitch bending and dive bombs. Ensure the locking nut is properly tightened after tuning to maintain tuning stability during tremolo use.

## MAINTENANCE

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Regular maintenance will preserve your guitar's playability and appearance.

- **Cleaning:** After each use, wipe down the strings, fretboard, and body with a clean, soft, lint-free cloth. For the body, a guitar-specific polish can be used sparingly. Avoid abrasive cleaners.
- **String Changes:** Changing strings on a Floyd Rose system can be more involved than on a fixed bridge. It is recommended to change one string at a time to maintain tension balance. Refer to specific Floyd Rose string changing guides or consult a qualified technician. Use nickel strings as specified.
- **Fretboard Care:** The Ebony fretboard should be cleaned periodically. Use a fretboard conditioner designed for ebony to prevent drying and cracking.
- **Storage:** Store your guitar in a climate-controlled environment, ideally in a hard case, to protect it from extreme temperature and humidity fluctuations. This helps prevent wood warping and finish damage.
- **Professional Setup:** For optimal playability and intonation, especially after significant environmental changes or if you notice issues like high action or buzzing, a professional guitar setup is highly recommended.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter.

- **No Sound:**

- Check all cable connections (guitar to amp, amp to power).
- Ensure the amplifier is on and volume is up.
- Verify the guitar's volume knob is turned up.
- Check the guitar cable for damage by trying another cable.
- Ensure the Sustainiac system is not inadvertently muting the output if it has such a feature (consult Sustainiac specific manual if needed).

- **Poor Tuning Stability (Floyd Rose):**

- Ensure the locking nut clamps are securely tightened after tuning.
- Check that strings are properly seated in the bridge saddles and locking nut.
- Old or worn strings can affect tuning stability; consider changing them.
- Extreme tremolo use can temporarily affect tuning; use fine tuners to compensate.
- A professional setup can address persistent tuning issues related to spring tension or bridge balance.

- **Fret Buzz or High Action:**

- Minor fret buzz can sometimes be normal, especially with low action.
- Significant buzz or high action often indicates a need for a neck relief adjustment (truss rod) or bridge height adjustment. These adjustments are best performed by a qualified guitar technician.
- Unpolished frets, as noted in some user feedback, can also contribute to playability issues and should be addressed by a professional.

- **Sustainiac Not Functioning:**

- Ensure the Sustainiac system is activated via its mini-toggle switch.
- Check the battery (if applicable, the Sustainiac system typically requires a 9V battery).
- Consult the dedicated Sustainiac manual for detailed troubleshooting specific to the system.

## SPECIFICATIONS

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Feature	Detail
Model Number	1743
Body Material	Mahogany
Neck Material	Mahogany 3-pc Set Neck with Ultra Access & Carbon Fiber Reinforcement Rods
Fretboard Material	Ebony
Frets	24 X-Jumbo
Scale Length	25.5 inches
Fretboard Radius	16 inches
Bridge Pickup	Schecter USA Synyster Gates Signature Bridge Humbucker
Neck Pickup	Sustainiac Neck Pickup & Control System
Bridge System	Floyd Rose 1500 Series Tremolo & Locking Nut
Tuning Keys	Grover Rotomatic 18:1
Inlays	Pearloid 'Syn' Inlays With Death Bat at 12th Fret
Side Dots	Glow in the Dark
Hardware Color	Black
Color Name	Satin Gold Burst
Item Weight	12.35 pounds
Product Dimensions	44 x 19 x 5 inches
Number of Strings	6
String Material	Nickel
Hand Orientation	Right

## WARRANTY AND SUPPORT

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For information regarding your product's warranty, please refer to the documentation provided with your purchase or visit the official Schecter Guitar Research website.

If you require technical assistance, parts, or service, please contact Schecter Guitar Research customer support directly. Contact information can typically be found on their official website.

**Important:** Unauthorized service or modifications may void your warranty. Always consult with Schecter or an authorized service center for repairs.

