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Schecter 2027

Schecter Guitar Research Omen Extreme-6 FR Electric Guitar User Manual

Model: 2027

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INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Schecter Guitar Research Omen Extreme-6 FR Electric Guitar. Designed for versatility and powerful performance, this instrument features a mahogany body with a quilted maple top, Schecter Diamond Plus pickups, and a fitted contoured heel. Please read this manual thoroughly to ensure optimal performance and longevity of your guitar.





Figure 1: Schecter Omen Extreme-6 FR Electric Guitar, See-Thru Black finish.

PRODUCT OVERVIEW

The Schecter Omen Extreme-6 FR is a solidbody electric guitar built for performance and aesthetic appeal. Key components include:

- **Body:** Mahogany with a Maple Top, providing a rich tonal foundation.
- **Neck:** Maple, designed for stability and comfortable playability.
- **Fretboard:** Rosewood, offering a smooth playing surface.
- **Pickups:** Two Schecter Diamond Plus Humbucking Pickups, delivering powerful and versatile tones.
- **Bridge:** Floyd Rose Special Tremolo System, allowing for expressive pitch modulation while maintaining tuning stability.

- **Controls:** Volume, Tone, and a 3-way pickup selector switch.



Figure 2: Angled view highlighting the guitar's body contours and neck joint.



Figure 3: Detailed view of the Floyd Rose bridge, Schecter Diamond Plus humbuckers, and control knobs.

1. Unboxing and Inspection

Carefully remove the guitar from its packaging. Inspect the instrument for any signs of damage during transit. Ensure all accessories, if included, are present.

2. Initial Tuning

The Floyd Rose Special tremolo system requires specific steps for tuning. Loosen the locking nuts at the headstock. Tune each string to standard EADGB_e (or your preferred tuning) using the tuning pegs. Once roughly in tune, tighten the locking nuts. Fine-tune using the fine tuners on the Floyd Rose bridge.



Figure 4: The Floyd Rose Special bridge, showing fine tuners and string locking mechanism.

3. Strap Attachment

Attach your guitar strap securely to the strap buttons located on the body of the guitar. Ensure the strap is firmly attached before playing.

4. Amplifier Connection

Connect one end of a standard 1/4" instrument cable to the output jack on the guitar and the other end to your amplifier's input. Ensure your amplifier is turned off or on standby before connecting.

1. Controls

Your Omen Extreme-6 FR features the following controls:

- **Volume Knobs:** Two independent volume controls for the neck and bridge pickups. Turn clockwise to increase volume, counter-clockwise to decrease.
- **Tone Knob:** One master tone control. Turn clockwise for brighter tones, counter-clockwise for warmer, darker tones.
- **3-Way Pickup Selector Switch:**
 - **Up Position:** Activates the Neck Pickup.
 - **Middle Position:** Activates both Neck and Bridge Pickups.
 - **Down Position:** Activates the Bridge Pickup.



Figure 5: Control knobs (volume, tone) and the 3-way pickup selector switch.

2. Using the Floyd Rose Tremolo

The Floyd Rose Special bridge allows for dive bombs, vibrato, and other pitch-bending effects. Insert the tremolo arm into its receptacle on the bridge. Adjust the tension of the arm by tightening or loosening the collar. Remember that excessive use or improper setup of the tremolo can affect tuning stability if not managed correctly.

3. Pickup Characteristics

The Schecter Diamond Plus humbucking pickups are designed to deliver a wide range of tones, from clean and articulate to high-gain and aggressive. Experiment with the pickup selector and tone controls to find your desired sound.



Figure 6: Detailed view of the Schecter Diamond Plus humbucking pickups.

MAINTENANCE

1. Cleaning

Regularly wipe down your guitar with a soft, lint-free cloth after each use to remove sweat, oils, and dust. For the body, a guitar-specific polish can be used sparingly. Clean the fretboard with a dedicated fretboard cleaner and conditioner periodically to prevent drying and cracking.

2. String Changes

Strings should be changed regularly, depending on playing frequency and string type. When changing strings on a Floyd Rose system, it is recommended to change one string at a time to maintain bridge balance. Refer to online tutorials or a qualified technician if you are unfamiliar with changing strings on a Floyd Rose bridge.

3. Fretboard Care

The rosewood fretboard benefits from conditioning to prevent it from drying out. Apply a small amount of lemon oil or a specialized fretboard conditioner to a cloth and wipe onto the fretboard. Allow it to soak in for a few minutes, then wipe off any excess.

4. Hardware Inspection

Periodically check all screws and hardware (tuning pegs, bridge components, strap buttons) for tightness. Do not overtighten.

5. Storage

When not in use, store your guitar in a suitable guitar case or gig bag to protect it from dust, humidity fluctuations, and physical damage. Avoid extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound from Amplifier	Cable issue, amplifier off, guitar volume down, faulty pickup.	Check cable connections, ensure amplifier is on and not muted, turn up guitar volume, test with another guitar/cable. If problem persists, consult a technician.
Poor Tuning Stability	Strings not stretched, locking nuts loose, bridge not balanced, worn strings.	Ensure new strings are properly stretched. Tighten locking nuts. Check Floyd Rose bridge balance (it should be parallel to the body). Replace old strings.
Buzzing Frets	Low action, uneven frets, neck relief issues.	Adjust bridge saddle height. If buzzing persists or is widespread, a professional setup may be required to adjust neck relief or level frets.
Scratchy Sound from Controls	Dust or dirt in potentiometers.	Apply a small amount of contact cleaner specifically designed for electronics into the potentiometer. Rotate the knob back and forth. If problem persists, replacement may be needed.

SPECIFICATIONS

Feature	Detail
Model Name	Omen Extreme-6 FR
Model Number	2027
Body Material	Mahogany
Top Material	Maple Wood (Quilted Maple)
Neck Material	Maple
Fretboard Material	Rosewood
Number of Strings	6
Scale Length	25.5 inches
Bridge System	Floyd Rose Special
Pickups	Schecter Diamond Plus Humbuckers (2)
Pickup Configuration	HH (Humbucker-Humbucker)
Controls	2 Volume, 1 Tone, 3-Way Pickup Selector
Color	See-thru Black
Item Weight	10.01 pounds
Product Dimensions	44.02 x 19.02 x 5.98 inches

Feature	Detail
Hand Orientation	Right
String Gauge	Light
First Available Date	July 16, 2004

WARRANTY AND SUPPORT

Warranty Information

Schecter Guitar Research products are typically covered by a limited lifetime warranty to the original owner against defects in materials and workmanship. Specific warranty terms and conditions may vary by region and product. Please retain your proof of purchase. For detailed warranty information, including coverage and exclusions, please visit the official Schecter Guitar Research website or contact their customer service department.

Customer Support

For technical assistance, service, or parts inquiries, please contact Schecter Guitar Research customer support. Contact information can usually be found on their official website. When contacting support, please have your guitar's model number (2027) and serial number (if applicable) ready.

Official Schecter Guitar Research Website: www.schecterguitars.com