

[Manuals.plus](#) /

- › [Sterling by Music Man](#) /
- › Sterling by Music Man StingRay HH RAY4HH Electric Bass Olive User Manual

Sterling by Music Man RAY4HH

Sterling by Music Man StingRay HH RAY4HH Electric Bass User Manual

Model: RAY4HH

INTRODUCTION

Thank you for choosing the Sterling by Music Man StingRay HH RAY4HH Electric Bass. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new instrument. Please read it thoroughly to ensure optimal performance and longevity of your bass.



Image: The Sterling by Music Man StingRay HH RAY4HH Electric Bass in Olive finish, showcasing its distinctive body shape and dual humbucker pickups.

FEATURES

- **StingRay HH Design:** Features a classic StingRay body shape with a dual humbucker (HH) pickup configuration for versatile tonal options.
- **Olive Finish with White Pickguard:** A distinctive Olive color finish complemented by a white pickguard.
- **Basswood Body with Maple Neck and Fretboard:** Constructed with a basswood body, a hard maple neck, and a maple fretboard for a balanced tone and comfortable playability.
- **Active Electronics:** Equipped with two Sterling by Music Man designed ceramic humbucking pickups and a 2-band active preamp, offering controls for volume, treble, and bass.
- **Quality Assurance:** All Sterling by Music Man instruments undergo final setup and inspection in California to ensure high standards.

SETUP

Unpacking and Inspection

Carefully remove the bass from its packaging. Inspect the instrument for any signs of damage that may have occurred during shipping. Retain all packaging materials in case the instrument needs to be returned or transported.

Battery Installation

The StingRay HH RAY4HH requires one 9V alkaline battery for its active electronics. The battery compartment is located on the back of the bass. Ensure the battery is inserted with the correct polarity.

Tuning

Use a reliable electronic tuner to tune your bass. The standard tuning for a 4-string bass is E-A-D-G (from thickest to thinnest string).

Strap Attachment

Attach your bass strap securely to the strap buttons located on the body of the instrument. Ensure the strap is properly fastened before playing.

OPERATING

Controls Overview

The StingRay HH RAY4HH features a 2-band active preamp with three control knobs:

- **Volume:** Controls the overall output level of the bass.
- **Treble:** Adjusts the high-frequency response. Turn clockwise for more brightness (boost), counter-clockwise for a warmer tone (cut).
- **Bass:** Adjusts the low-frequency response. Turn clockwise for more depth (boost), counter-clockwise for a tighter bass sound (cut).

The active preamp allows for significant tonal shaping, providing both boost and cut capabilities for treble and bass frequencies.



Image: A detailed view of the bass body, highlighting the dual humbucker pickups and the three control knobs for volume, treble, and bass adjustments.

Playing Position

Whether standing or sitting, ensure a comfortable playing position that allows for easy access to all frets and controls. The contoured body design is crafted for ergonomic comfort.

MAINTENANCE

Cleaning

Regularly wipe down your bass with a soft, lint-free cloth after each use to remove sweat and fingerprints. For a deeper clean, use a guitar-specific cleaning solution on the body and a fretboard conditioner on the fretboard (if applicable, for Jatoba or Rosewood; Maple fretboards can be cleaned with a damp cloth).

String Replacement

Strings should be replaced periodically, depending on usage. Old strings can lose their tone and intonation. When replacing strings, change them one at a time to maintain neck tension. Use nickel string material as specified for this model.

Truss Rod Adjustment

The truss rod, located at the base of the neck, allows for adjustment of neck relief. This should only be performed by experienced individuals or a qualified technician to avoid damage to the neck. Minor adjustments can correct excessive fret buzz or high action.



Image: A side profile of the bass, illustrating the smooth body contours and the secure six-bolt neck joint for enhanced stability.

TROUBLESHOOTING

- **No Sound:** Check the instrument cable, amplifier connection, and ensure the 9V battery in the bass is fresh and correctly installed. Verify the volume knob on the bass and amplifier are turned up.
- **Weak or Distorted Sound:** Replace the 9V battery. Check for loose connections in the cable or output jack.
- **Fret Buzz:** This can be caused by low action, an uneven fretboard, or insufficient neck relief. Minor adjustments to the bridge saddles or truss rod may be necessary. Consult a technician if unsure.
- **Poor Intonation:** If notes are out of tune higher up the neck, the bridge saddles may need adjustment. This requires a tuner and a small screwdriver.

SPECIFICATIONS

Feature	Specification
Model Number	RAY4HH-OLV-M1
Body Material	Basswood (Back), Poplar (Body), Basswood/Maple (Top)
Neck Material	Hard Maple
Fretboard Material	Hard Maple
Color	Olive
Pickup Configuration	HH (Dual Humbucker)
Preamp	2-band Active Preamp
Number of Strings	4
Scale Length	34 inches

Feature	Specification
Bridge System	Fixed
String Material	Nickel
Power Source	1 x 9V Alkaline Battery (included)
Item Weight	7.41 pounds (approx. 3360 grams)
Product Dimensions	45 x 13.5 x 2 inches

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Sterling by Music Man website or contact your authorized dealer. Keep your proof of purchase for any warranty claims.

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