Instructions for the Kramer Infinity Sustainer™

Thank you for purchasing the Kramer Infinity String Sustainer!

The Kramer Infinity String Sustainer is NOT an on-board compression, limiter or other feedback device creating "artificial" sustain. In combination with patented electronics, the Kramer Infinity String Sustainer uses a powerful neck-position pickup as an electromagnetic driver to actually DRIVE the strings and keep them vibrating.

As a result, the Kramer Infinity String Sustainer offers the guitarist the ability to completely control true guitar sustain so that ANY note(s) played may be sustained INDEFINITELY!

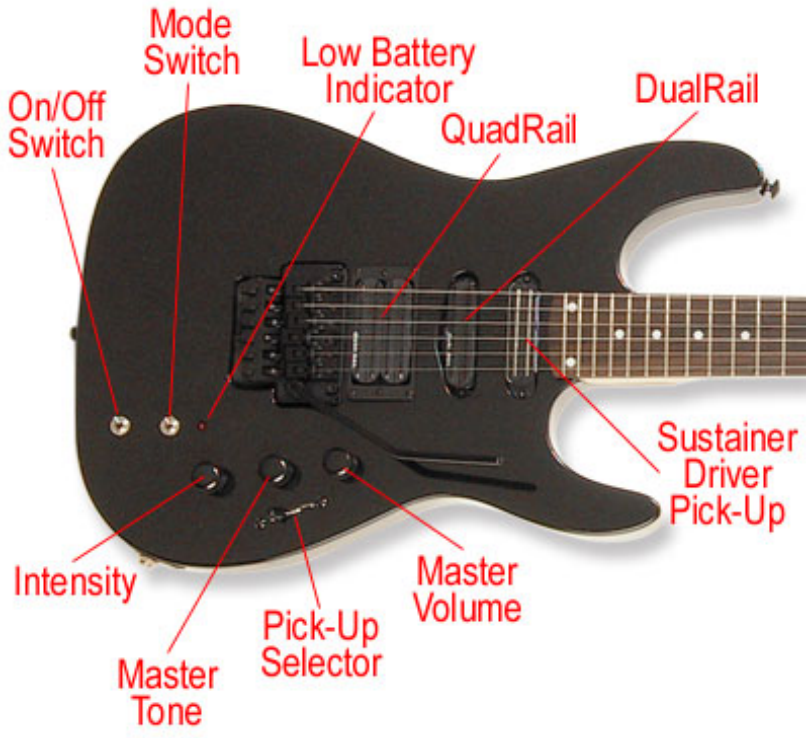
You'll be amazed at the effects that can be achieved using the Kramer Infinity String Sustainer! Have fun!

To get the most out of your Kramer Infinity String Sustainer, please review the following instructions.

Watch The Controls Explanation Video. ***(Click Here)***

I. Control Layout:

For Kramer Metalist FR-429S equipped with Infinity String Sustainer.



II. Function

1. Sustainer ON/OFF: This control turns the Infinity String Sustainer either OFF (up position) or ON (down position).

2. Feedback Mode: This control selects either Fundamental Feedback Mode (up position) or Harmonic Feedback Mode (down position).

Fundamental Feedback Mode results in the infinite sustain of the fundamental note (i.e. the actual note(s) played). Harmonic Feedback Mode results in the infinite sustain of the harmonics (i.e. high-end overtones) of the note(s) played. A cool effect to try is to bend a note (either with your finger or with the tremolo) while the sustainer is in Fundamental

Mode. Then, as the note starts to sustain, switch to Harmonic Mode. By varying the notes, timing, etc., you can produce some amazing effects with the Infinity String Sustainer.

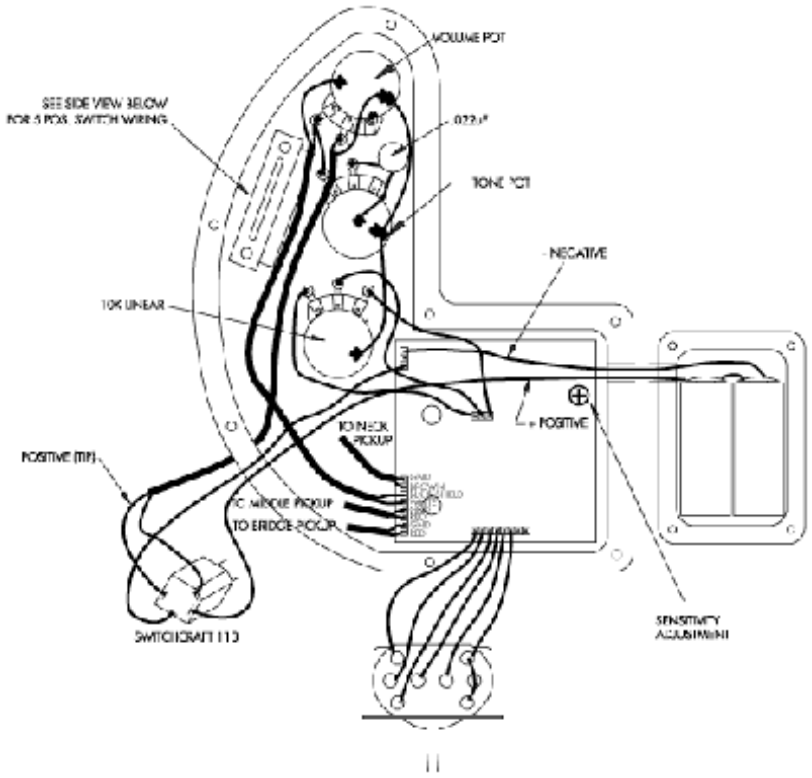
3. Low Battery LED Indicator: For better performance and increased battery life, the Infinity String Sustainer uses two (2) nine-volt batteries wired in series for a total of 18 volts. When properly charged, the battery LED indicator will NOT light. When the LED does light, this indicates that it is time to replace BOTH batteries.

4. Master Volume: Controls master volume output of guitar.

5. Master Tone: Controls master tone output of guitar.

6. Sustainer Intensity: When the Infinity String Sustainer is ON, this controls the amount of Sustain. You'll notice that this control has a center detent. Typically, we recommend using the Infinity String Sustainer in this position (center). However, feel free to play around with this control!

- For MORE Sustainer effect, rotate this control clockwise. In the maximum sustain position, you can produce some KILLER feedback!
- For LESS Sustainer effect, rotate this control counter-clockwise.



7. Five Position Pickup Selector: When the Infinity Sustainer is OFF, this operates as follows:

Position 1: Bridge Pickup Only Position 2: Bridge & Middle Pickup
Position 3: Middle Pickup Only Position 4: Middle and Neck Pickup
Position 5: Neck Pickup Only

When the String Sustainer is ON, this selector is NOT functional. Only the Bridge pickup (in combination with the neck pickup Sustainer driver) is functional.

8. Battery Compartment: Using a small-headed Phillips screwdriver, remove the battery compartment cover to expose the two (2) nine-volt batteries. To replace batteries, carefully remove the battery connections from the top of the batteries. For BEST performance, ALWAYS replace with ALKALINE batteries. Also - ALWAYS replace BOTH batteries at the SAME time.

NOTE: Insertion of a 1/4" instrument cable into the output jack activates the Infinity Sustainer circuit. With a cable inserted and the Sustainer ON/OFF switch in the ON position, the batteries are in use. Therefore, it is best to UNPLUG your instrument when not in use to avoid unnecessary battery drain.

9. Driver Pickup: For BEST performance, the driver (neck) pickup should be as close to the strings as possible but without touching the strings!

To adjust, fret the instrument at the 24th (or highest) fret. The distance from the bottom of the strings (both E's) to the top of the pickup rails should be about 1/16th inch or about 1.0 - 1.5 mm. To adjust the pickup height, tighten or loosen the two pickup mounting screws using a medium sized Phillips screwdriver.

10. Infinity String Sustainer Sensitivity Adjustment:

NOTICE: In general, this adjustment is PRESET at the factory and is NOT necessary. Therefore, to avoid potential problems, this should only be attempted as needed or by advanced users.

The Infinity String Sustainer Sensitivity Adjustment is located on the electronic circuit board inside the large back cavity. To access, remove the 8 screws using a small headed Phillips screwdriver and carefully remove the cover. Adjustment is made using a very small, eyeglass-type flat or Phillips head screwdriver.

Turning the trim-pot counter-clockwise reduces the sensitivity while a clockwise adjustment increases the sensitivity.

Kramer is a registered trademark of Gibson Musical Instruments. Infinity Sustainer is a trademark of Round Delay Music.