

PastFx



elastic mattress Flanger

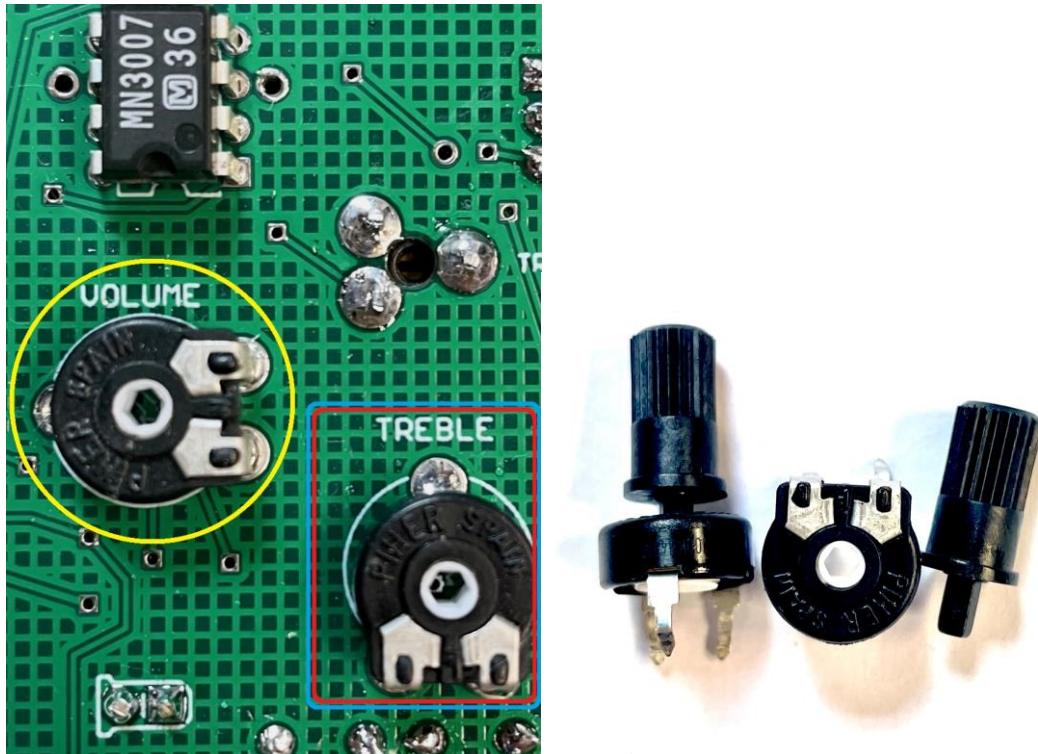
Thank you for purchasing the PastFx Elastic Mattress Flanger! The PastFx Elastic Mattress is our original spin on the famed “V2” version of the Electric Mistress pedal made by Electro-Harmonix in the mid to late 1970s, and famously used in live and studio recordings of David Gilmour as both a solo artist and with Pink Floyd. We have created a pedal that captures the unmistakable lush yet articulate base and swooshing glitz that characterises the original Mistress, but without any of the limitations of the original... and with a lot more control on tap. Indeed, there's quite a lot in common, sonically, with the aural qualities associated with the V2 Electric Mistress—definitely capable of more subtle chorusing, with slightly less saturation and better overall note definition than later EM models. Our Elastic Mattress, true to its name, bends into one's playing with pillowy grace. In doing so, it retains the unmistakable core tone, vibe, and texture that Mistress lovers and seekers desire. And let's not forget that our Elastic Mattress can get downright funky, trippy, and wild if subtlety isn't the player's forte. More modern EM tones are in there with some tweaking, but the pedal excels with its generous range of usable chorus and flanging depth. We believe that this is an extremely versatile EM-style flanger which requires limited pedalboard real estate!

Players will find the familiar external rate, range, and color knobs, but we've also added a blend knob for controlling wet/dry ratio. In addition to the standard EM Matrix feature, which can be accessed by switching its toggle right (towards the corresponding blue LED), we have added a bright switch toggle that allows players to choose between our stock setting or a custom value set by an internal trimpot, allowing players the ability to dial brightness to taste and switch between two presets. There is also an internal trimpot to set the effect's volume level, so you can dial it in to unity gain or even boost your signal when engaged. Altogether, our Elastic Mattress flanger offers all the expected pleasures and sounds of the original EM, but with lots of ability to shape and control the effect in unprecedented ways, in a highly intuitive, compact box. We invite all-comers to lay down a groove on the Elastic Mattress!

Setting the Internal Trimpots:

The internal User adjustable trimpots are intentionally **not** set with accuracy. Please prior to use calibrate to taste ☺

Open the back of the pedal to adjust internal trimpots. After making final internal adjustments to your desired preferences, please re-secure the back of the pedal with at least one screw installed to ensure proper shielding of the unit and quietist operation. This will minimize noise or signal loss/interference.



Volume/Level Trimpot

The upper trimpot on the back circuit board set the pedal's volume level, increasing the output by turning it clockwise as desired. Using the small adjustment tool within the pedal, the trimpot can be set at, below, or above unity gain, with the ability to even provide a modest signal boost if set higher, depending on the individual player's needs.

Brightness/Treble Trimpot

Turn the lower trimpot clockwise on the back circuit board to set the brightness value (to taste) for the preset "toggle up" position on the pedal's external bright switch. Turning fully counter-clockwise will result in a darker tonal palette, whereas fully clockwise will be quite bright and cutting, with more upper-mids coming through. Every rig will have a different sweet spot for desired brightness, so we recommend experimenting a while to find your groove and preferences.

The Stock settings for the flanger are Blend knob fully clockwise and Bright switch in the down position

Specs:

- NOS Matsushita / Panasonic MN3007 Bucket Brigade Device
- External controls for Rate, Range, Color, Blend/Mix
- Brightness switch - Stock / Custom settings
- Internal trimpots to control Volume Level and second Brightness preset
- Visual Led indicators: Filter Matrix mode (blue LED, right toggle) and Normal (green LED, left toggle)
- True bypass operation
- 18V DC centre negative power supply requirements (25ma current draw); no battery option available
- Dimensions: 112 x 60 x 31mm / 4.4" x 2.36" x 1.22" (enclosure only)
- Neutrik Instrument and Lumberg DC jacks, with audiophile grade parts sourced from MMK, Wima, Epcos, Vishay, Panasonic, Nichicon, etc.

Powering the Pedal:

The Elastic Mattress requires an 18v DC centre negative power supply. If using an external power supply, it is extremely important that the unit offers isolated power outlets that provide adequate current and shielding. We have specifically tested and recommend the use of the Cioks DC-7, as well as the Voodoo Lab ISO-5 (18 volt port), or the Pedal Power 2 & 3, 4x4, and/or Mondo (with current doubling cable), T-Rex Fuel Tanks and we can attest that these units meet our pedal's powering standards. Other high-quality, linear transformer isolated power supplies by these companies, and others, may be adequate so long as they provide 18 volts of clean power, but please double-check to ensure that their specs are sufficient and that enough clean current can be provided. Please do NOT use cheap switch-mode power supplies or a cheap daisy chain powering arrangement as this may damage the pedal or cause faulty operation or power up that hampers the pedal's optimal performance and tone. Using other pedals which have surge pumps within their design (eg Klon Centaurs and their clones) with the Elastic Mattress may induce additional noise.

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