Fine Tuna Beta Manual
Rev 1.1 - 10/20

Installing Fine Tuna

THERE IS A MARKING ON THE BOARD INDICATING RED STRIPE!
THIS IS WHERE -12V GOES!

REMEMBER: WHEN IN DOUBT, PLEASE REACH OUT!
WE CAN ALWAYS HELP YOU SET UP YOUR SYSTEM!

**ALWAYS TRIPLE CHECK YOUR POWER BEFORE TURNING ANYTHING ON!**

Q & A

Why do I need Fine Tuna?
In the eurorack world there exist some oscillators that for some reason lack a fine tune knob! This makes them very difficult to get in tune with the rest of a system. It is for this reason that Fine Tuna was developed. This is a small but powerful utility, doing a *very* important job. The power of Fine Tuna is the ability to quickly get your system in tune with itself, and with outside sources, all without wasting precious HP.

How does it work?
Fine Tuna offers two "fine tuners", each capable of adding or subtracting up to .58V to an input signal (this is about .58V). The diagram below shows how it works. Some signal (a sequence, etc.) is input into one of the two input jacks. That input voltage is added together with the voltage set by the offset knob. The final summed voltage is then output at the output jack. It's that simple!
In slightly more technical terms, Fine Tuna adds a DC offset to an input signal.
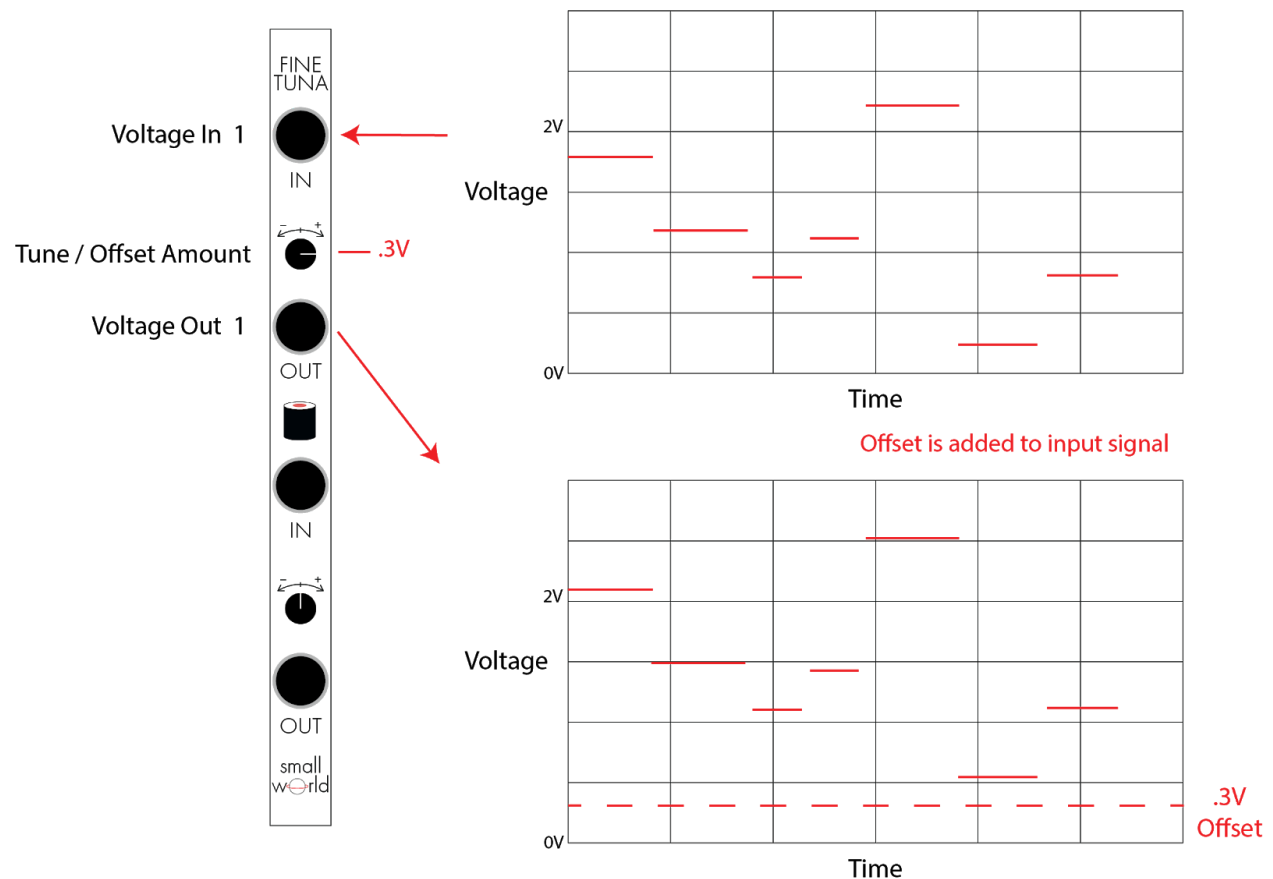
What else can Fine Tuna do?

You can of course use Fine Tuna to add or subtract DC offsets from any voltage in your system! Additionally, if you don't use an input signal, the raw offset is available on the outputs. Without an input cable, the offset generated is about ±1.16V. With a dummy cable it generates the standard ±.58 V.

What Are the Specs?

Fine Tune *theoretically* works over the whole -12V to +12V range of a eurorack power supply, but in practice, it's closer to x to y. Additionally, Fine Tuna is factory calibrated to be very accurate, in order to properly preserve sensitive pitch information.

Thank you for your purchase~!

Enjoy the module, and please don't hesitate to reach out with any questions, comments, or concerns.

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