

strymon®

Orbit
dBucket Flanger

USER MANUAL

Front Panel

Switches between positive, negative and positive/negative feedback. With **positive** feedback, the wet and dry signals are in phase, producing a jet-like swish when higher **REGEN** settings are used. **Negative** Feedback creates 'hollow' or 'watery' flange sounds. The +/- Feedback settings uses a unique frequency dependent feedback that combines elements of both Positive and Negative to create new sonic possibilities.

Controls the **feedback intensity** of the flanging effect.

Switches between logarithmic, linear and through zero LFOs. The **LOG** setting produces an even-sounding frequency sweep. **LIN** setting produces a frequency sweep that speeds up as it goes higher, and slows down as you go lower. With the LOG and LIN settings respectively, you can cover two classic flanger sounds with the flip of a switch. **Thru 0** advances the wet signal ahead of the dry signal for dramatic flanging effects unavailable in most flangers.

Adjusts flanger LFO speed.

Adjusts flanger LFO width.

Adjusts **wet/dry mix**. Most flangers don't include this control but it can be very handy if an extreme flanging sound needs to be tamed without altering the fundamental effect sound.

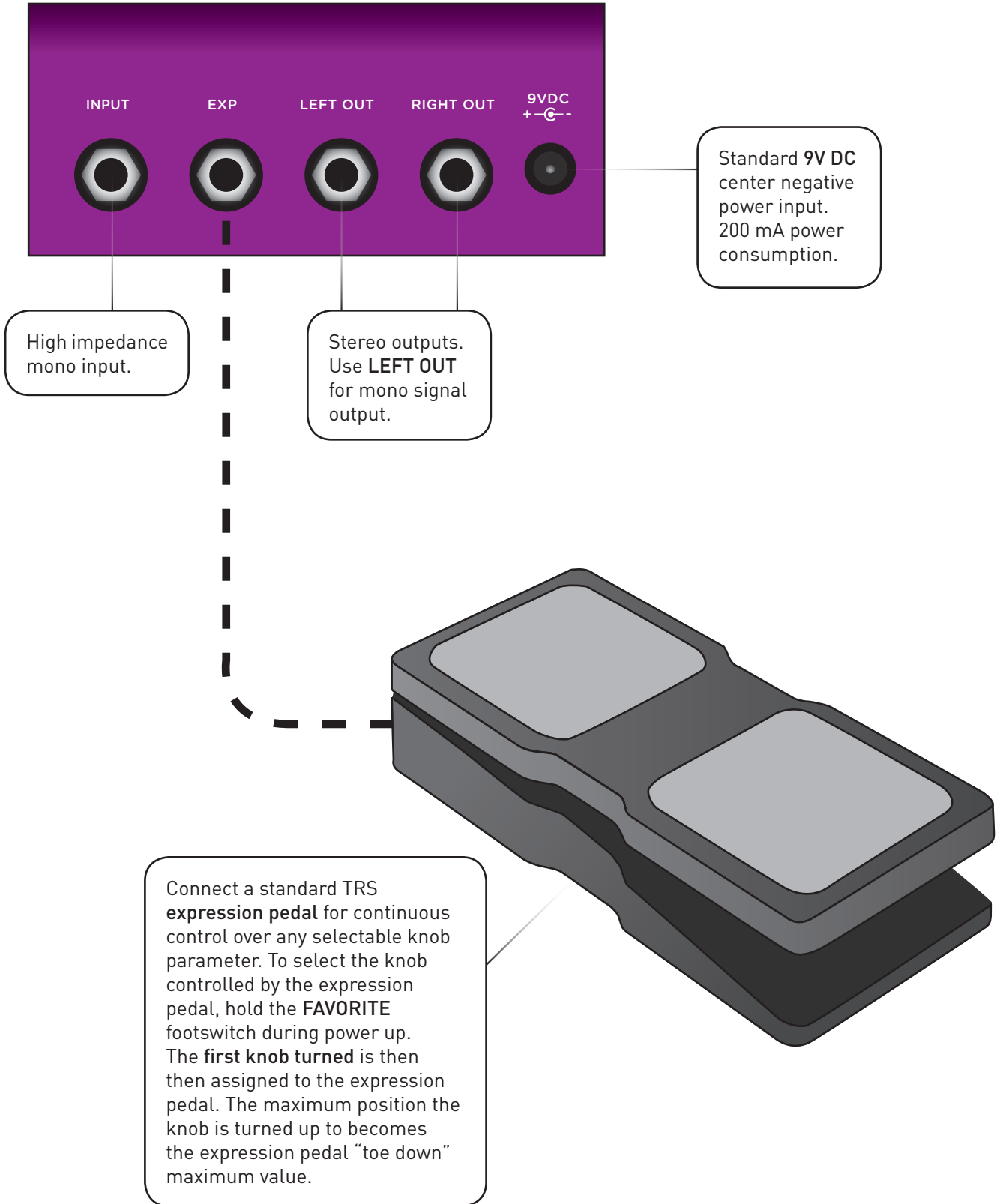
Controls the **delay time** of the flanging effect. Higher settings produce higher frequency flanging effects, while lower settings produce lower frequency flanging effects. Its impact is most easily heard with **lower Width** settings and **higher Regen** settings.



Press to select saved favorite sound. When **FAVORITE** LED is lit the favorite setting is engaged. When each knob is turned, the LED will indicate the saved favorite position of the knob. Push and hold the foot switch to save a new favorite sound.

Engages and disengages effect. Bypass mode is always **true bypass**. LED on indicates that the effect is engaged.

Rear Panel



Sample Settings



Choral



Grey Box



Thru Zero



70's Vintage Flanger



Swirly



Watery



Baracudda



Keep Yourself Alive

Features

- Hand Crafted dBucket Algorithm
- Super Low Noise, high performance A/D and D/A Converters
- Premium analog front end and output section
- High Performance DSP
- 3 LFO types (log, lin, through zero)
- 3 Feedback types (positive, negative, pos/neg)
- Stereo Output
- Expression pedal input with selectable control over any knob parameter
- Favorite footswitch for saving your favorite setting
- Rugged & Lightweight Anodized Aluminum Chassis
- No-Nonsense User Interface
- True Bypass

Specifications

Input Impedance	1Meg Ohm
Output Impedance	100 Ohm
Signal to Noise	110dB
Frequency Response	20Hz to 20kHz
Max Input Level	+8dBu
DSP performance	1596 MegaFLOPS
Bypass Switching	True Bypass (electromechanical relay switching)
Dimensions	4.5" deep x 4" wide x 1.75" tall

Power Supply

Input Voltage	9VDC Center Negative
Required Current	250mA

Strymon Non-Transferrable Limited Warranty

Warranty

Strymon warrants the product to be free from defects in material and workmanship for a period of one (1) year from the original date of purchase. If the product fails within the warranty period, Strymon will repair or, at our discretion, replace the product at no cost to the original purchaser.

Exclusions

This warranty covers defects in manufacturing discovered while using this product as recommended by Strymon. This warranty does not cover loss or theft, nor does the coverage extend to damage caused by misuse, abuse, unauthorized modification, improper storage, lightning, or natural disasters.

Limits of Liability

In the case of malfunction, the purchaser's sole recourse shall be repair or replacement, as described in the preceding paragraphs. Strymon will not be held liable to any party for damages that result from the failure of this product. Damages excluded include, but are not limited to, the following: lost profits, lost savings, damage to other equipment, and incidental or consequential damages arising from the use, or inability to use this product. In no event will Strymon be liable for more than the amount of the purchase price, not to exceed the current retail price of the product. Strymon disclaims any other warranties, express or implied. By using the product, the user accepts all terms herein.

How to Obtain Service Under this Warranty

For North American customers: Contact Strymon through our website at <http://www.strymon.net/support> for Return Authorization and information. Proof of original ownership may be required in the form of a purchase receipt.

For International Customers: Contact the Strymon dealer from which the product was purchased from in order to arrange warranty repair service.