

USER MANUAL

FLINT

— tremolo & reverb

Front Panel



Secondary Functions

EFFECT ORDER: Sets whether the signal travels through Reverb then Tremolo or Tremolo then Reverb. The default is Reverb through Tremolo as this is how many vintage amplifier circuits worked.

TREMOLO BOOST / CUT: Controls the +/- 3dB boost or cut when Tremolo is engaged. Set to 12 o'clock for unity gain.

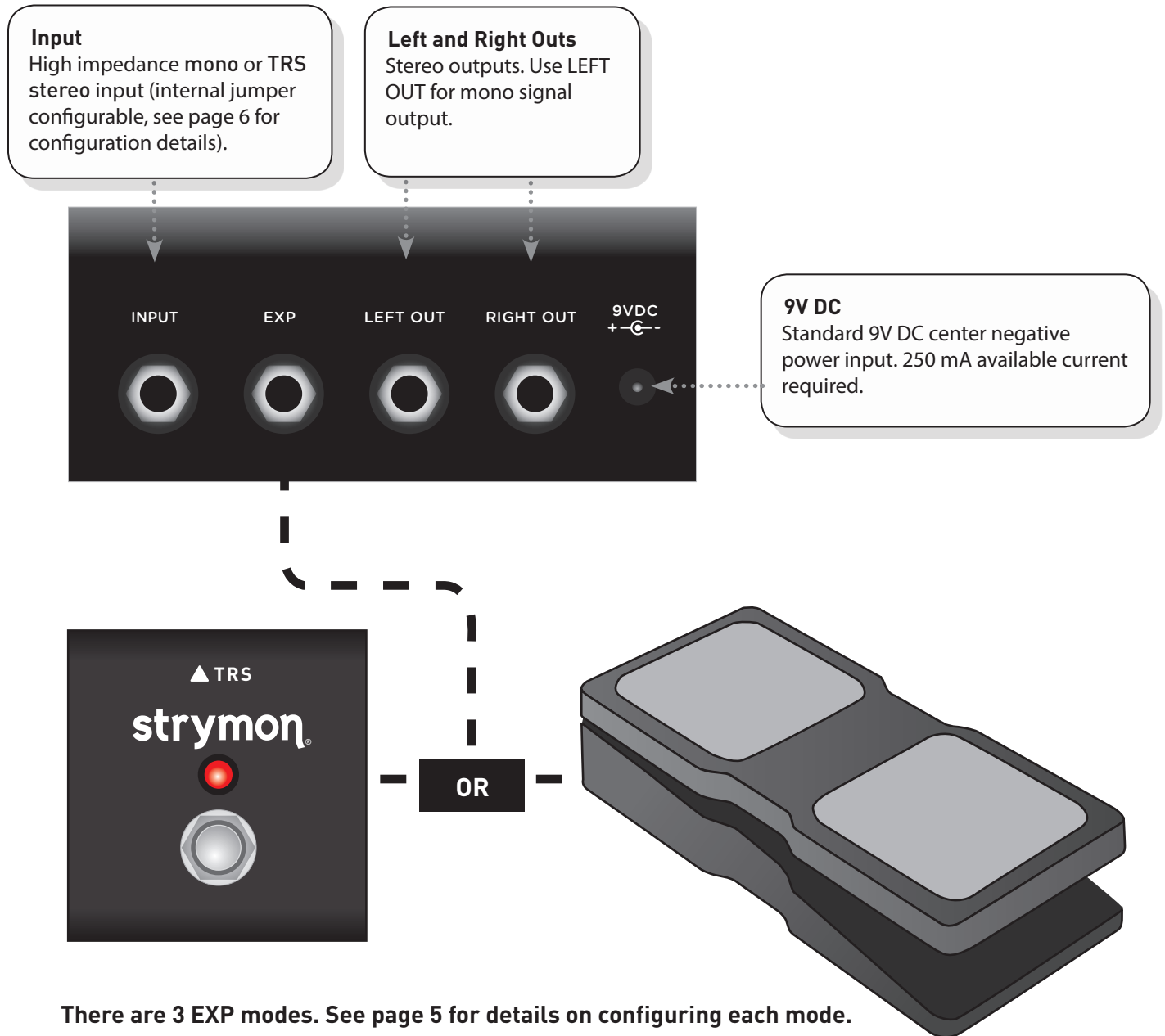
REVERB BOOST / CUT: Controls the +/- 3dB boost or cut when Reverb is engaged. Set to 12 o'clock for unity gain.

TAP DIVISION: Sets the desired tap division for the Tremolo LFO when an external TAP footswitch is used.



Hold down **TREMORO BYPASS** and **REVERB BYPASS** to access all **secondary functions** on the knobs.

Rear Panel



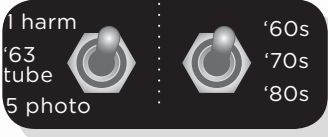
Favorite Mode
Connect an external **Strymon MiniSwitch** to recall your favorite preset. **TIP:** Press and hold the Reverb BYPASS switch to store your favorite setting.

Tap Mode
Connect an external **Strymon MiniSwitch** to tap the tempo of your tremolo.

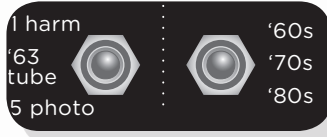
Expression Pedal Mode
Connect a standard TRS **expression pedal** for continuous control over any selectable knob parameter. To select the knob controlled by the expression pedal, hold the **TREMOLO BYPASS** footswitch during power up. The first knob turned is then assigned to the expression pedal. The maximum position the knob is turned up to becomes the expression pedal "toe down" maximum value.

NOTE: Favorite and Tap Modes can also be controlled with older Strymon Footswitches. See strymon.net/support for details.

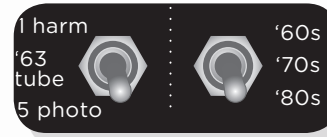
Configuring EXP modes



EXPRESSION MODE
Power up with both toggle switches in the UP position while holding footswitches to configure the Flint EXP jack for use with an expression pedal.



FAVORITE MODE
Power up with both toggle switches in the MIDDLE position while holding footswitches to configure the Flint EXP jack to recall a saved Favorite sound via a Strymon MiniSwitch.



TAP MODE
Power up with both toggle switches in the DOWN position while holding footswitches to configure the Flint EXP jack to allow the tremolo tempo to be tapped via a Strymon MiniSwitch.



The main control panel features the following elements:

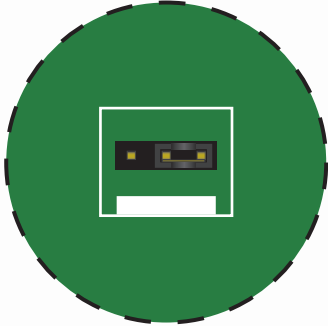
- TREMOLO** section: Includes a knob with settings for '61 harm, '63 tube, and '65 photo; a toggle switch with settings for '60s, '70s, and '80s; and a **TREMOLO BYPASS** switch with a red LED indicator.
- REVERB** section: Includes a knob with settings for '60s, '70s, and '80s; and a **REVERB BYPASS** switch with a red LED indicator.
- INTENSITY** knob
- MIX** knob
- DECAY** knob
- SPEED** knob
- COLOR** knob
- FLINT** logo with the tagline "— tremolo & reverb"
- strymon®** logo

HOLD BOTH AT POWER UP

TRS Input Jumper

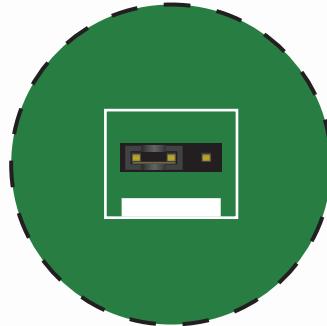
Remove the back cover to select either mono input or TRS stereo input.

MONO INPUT
Place the jumper on the **right** 2 pins. (this is how Flint ships from the factory)



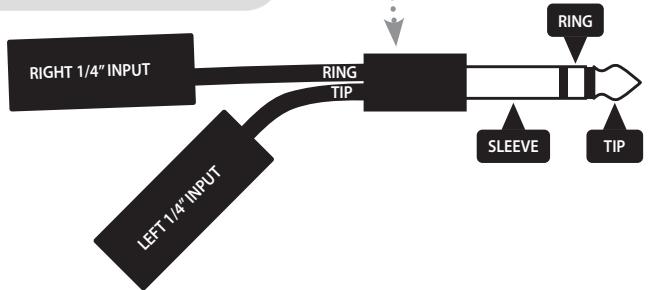
*close up view of Flint circuit board

STEREO INPUT
Place the jumper on the **left** 2 pins.



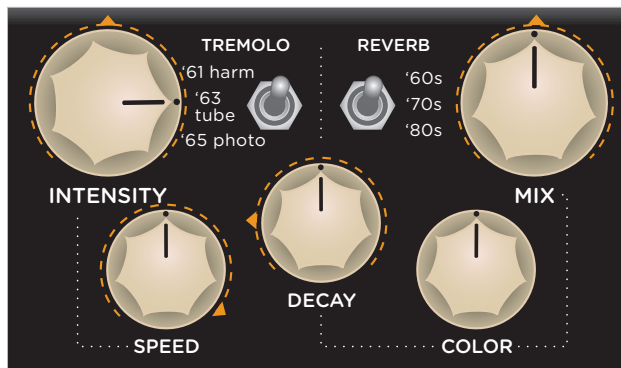
*close up view of Flint circuit board

TRS (tip/ring/sleeve) STEREO INPUT ADAPTER
If configured for stereo input, a TRS stereo input adapter can be used to access the stereo inputs.

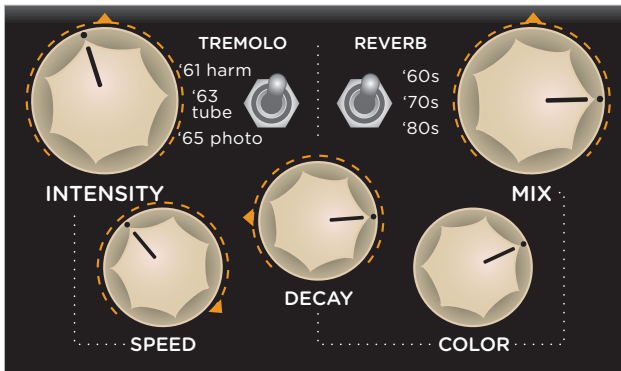


Factory settings

Secondary functions: Shown below with orange arrows
 EXP input jack: Assigned to use an expression pedal and vary Tremolo SPEED
 EXP INPUT ASSIGN: Assigned to use an expression pedal



Sample Settings



Tweed Surf



Rumble



Tube Biased



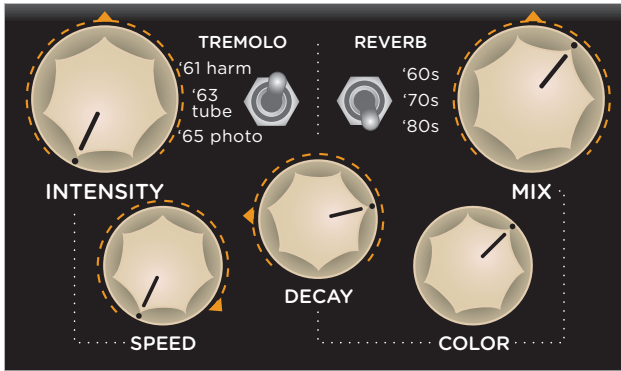
Electro SolidPlate



How Soon



Harmonic Plate



'80s Hall



'80s Dark Cathedral

Features
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- Hand crafted tremolo & reverb algorithms inspired by classic systems
- Ultra Low Noise, high performance A/D and D/A Converters
- Premium analog front end and output section
- High Performance DSP
- '61 Harmonic, '63 Tube Bias, and '65 Photoresistor Tremolo types
- '60s Spring, '70s Electronic Plate, and '80s Rack Reverb types
- Stereo Input (via TRS jack) and Stereo output
- Expression pedal input with selectable control over any knob parameter
- Compatible with Favorite switch to save your favorite sound
- Remote TAP with external tap footswitch
- +/- 3dB boost/cut for Reverb and Tremolo
- Rugged & Lightweight Anodized Aluminum Chassis
- No-Nonsense User Interface
- True Bypass (electromechanical relay switching)

Specifications
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Input Impedance	1Meg Ohm
Output Impedance	100 Ohm
Signal to Noise	115 dB typical
A/D & D/A	24-bit 96kHz
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
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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.

Strymon, is a division of Damage Control, LLC.