

neunaber
AUDIO EFFECTS USA

INSPIRE TRI-CHORUS PLUS

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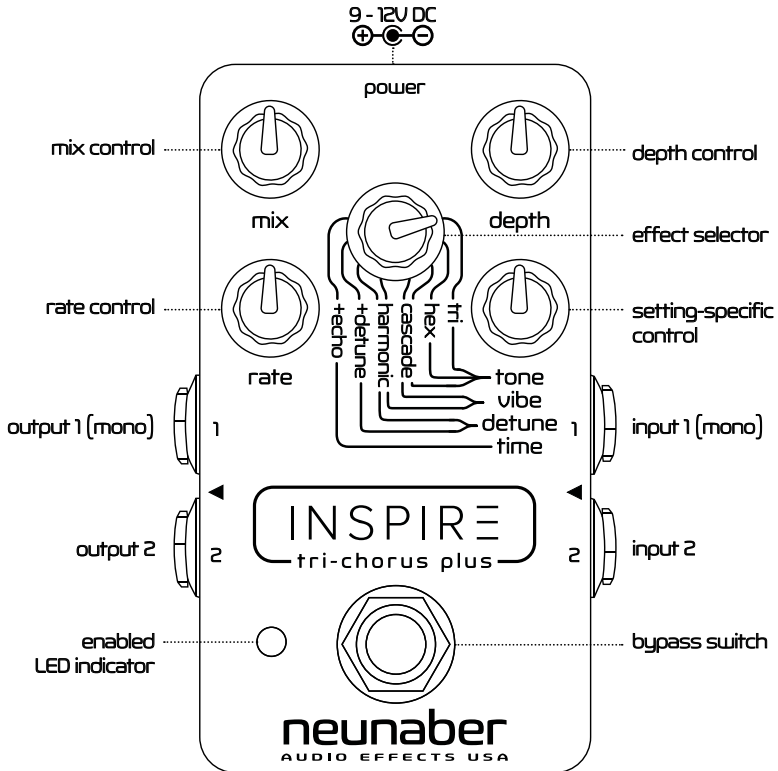
USER GUIDE

Thank you for purchasing our product. We really mean it. We hope to earn your trust by delivering a quality product that inspires you to make great music.

Neunaber products are designed and manufactured in Orange, California USA.

Please visit www.neunaber.net for more information and support.

PEDAL MAP



CONNECTIONS

We recommend that Inspire be placed after your preamp or drive pedals but before any delay-based effects (echo, reverb). If you are using the overdrive channel of your amplifier, the best result will be achieved by placing this effect in the effects loop.

The **POWER JACK** accepts a standard (5.5 mm OD x 2.1 mm ID) center-negative pedal power adapter (not included). The power adapter must be between 9 V and 12 V and capable of supplying at least 100 mA.

Inspire monitors the voltage from your power adapter and will notify you if:

- The voltage is too low, the LED blinks twice per second. Bypass will be enabled to prevent any unwanted behavior due to insufficient voltage.
- The voltage is too high, the LED blinks five times per second. The voltage will be internally limited to protect the pedal.

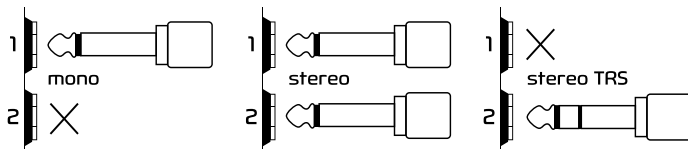
The **FOOT SWITCH** bypasses the effect. The LED lights when the effect is active. Bypassing the effect does not turn off power to the pedal.

Inspire implements relay bypassing (i.e., “true bypass”). This is the most appropriate type of bypass for this effect in most cases.

The input and output connections are independent. You may—for example—use a mono input with stereo outputs or stereo inputs with a stereo TRS output.

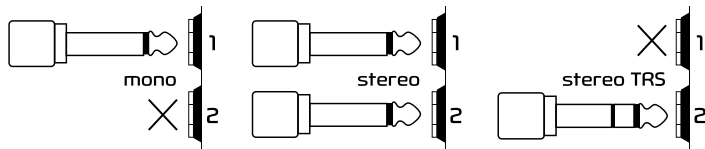
The **INPUT JACKS** (right side) accept inputs directly from your instrument, amplifier effects loop output, or other effect pedals via standard 1/4" (6.35 mm) phone connectors.

- Input 1 only accepts a mono input.
- Both Inputs 1 & 2 accept a stereo input.
- Input 2 only accepts a stereo TRS input.



The **OUTPUT JACKS** (left side) supply output to another effect pedal, an amplifier, or effects loop return via standard 1/4" (6.35 mm) phone connectors.

- Output 1 only supplies a summed mono output.
- Both Outputs 1 & 2 supply a stereo output. Using both outputs creates a stereo signal from a mono input.
- Output 2 only supplies a stereo TRS output.



Important Note: input/output 1 and input/output 2 should not be used with two discrete signals (such as two different instruments).

EFFECTS

TRI

The classic tri-chorus effect.

adjusts the effect mix from 100% dry to 100% wet



mix

SUGGESTED SETTINGS



depth

adjusts the pitch depth

controls the modulation rate from 0.5 to 6 cycles per second



rate



tone

controls the frequency response of the effect only (wet signal)

HEX

Two tri-chorus effects are paralleled for an ultra-dense effect.

adjusts the effect mix from 100% dry to 100% wet



mix

SUGGESTED SETTINGS



depth

adjusts the pitch depth

controls the modulation rate from 0.5 to 6 cycles per second



rate



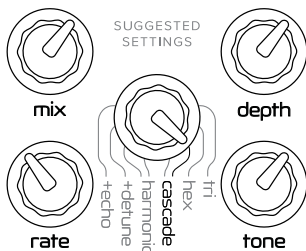
tone

controls the frequency response of the effect only (wet signal)

CASCADE TONE

Two tri-chorus effects in series create a rich, lush effect.

adjusts the effect mix from 100% dry to 100% wet



adjusts the pitch depth

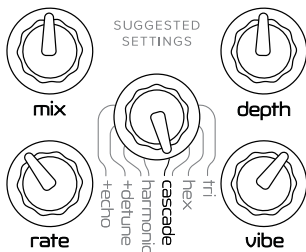
controls the modulation rate from 0.5 to 6 cycles per second

controls the frequency response of the effect only (wet signal)

CASCADE VIBE

A tri-chorus and a tri-vibrato in series makes for a complex sound.

adjusts the effect mix from 100% dry to 100% wet



adjusts the pitch depth

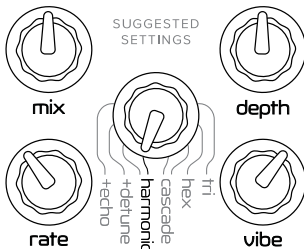
controls the modulation rate from 0.5 to 6 cycles per second

controls the vibrato rate

HARMONIC VIBE

Low-frequency tri-chorus and high-frequency tri-vibrato—more subtle than Cascade Vibe, this effect works well with overdrive.

*adjusts the effect
mix from 100% dry to
100% wet*



adjusts the pitch depth

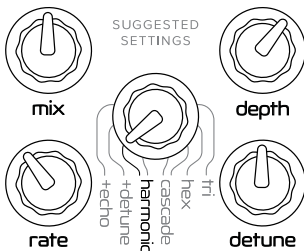
*controls the
modulation rate from
0.5 to 6 cycles per
second*

controls the vibrato rate

HARMONIC DETUNE

Low-frequency detune and high-frequency tri-chorus is even more subtle and sounds great with heavy overdrive.

*adjusts the effect
mix from 100% dry to
100% wet*



adjusts the pitch depth

*controls the
modulation rate from
0.5 to 6 cycles per
second*

*controls the pitch offset,
from 0 to -20 cents*

+DETUNE

Tri-chorus plus detune—for the ultimate in lush 80's chorus tones.

*adjusts the effect
mix from 100% dry to
100% wet*



mix

SUGGESTED
SETTINGS

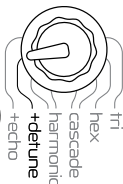


depth

*controls the
modulation rate from
0.5 to 6 cycles per
second*



rate



detune

adjusts the pitch depth

*controls the pitch offset,
from 0 to -20 cents*

+ECHO

Tri-chorus plus stereo echo is a classic combo.

*adjusts the effect
mix from 100% dry to
100% wet*



mix

SUGGESTED
SETTINGS

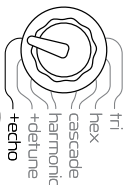


depth

*controls the
modulation rate from
0.5 to 6 cycles per
second*



rate



time

adjusts the echo repeats

*controls the echo time,
from 50 to 1000 ms*

SPECIFICATIONS

Electrical

Nominal input level	-10 dBV, instrument level
Max input level	6.7 dBV
Input impedance	1 M Ω (mono), 2 M Ω (stereo)
Output impedance	500 Ω (mono), 1 k Ω (stereo)
Gain, enabled vs. bypass	0 dB (mix @ 0)
Frequency response	20 Hz—20 kHz, +0.1 dB, -0.5 dB (dry signal or bypassed)
Total harmonic distortion	< 0.002% typical (dry signal or bypassed, 22 Hz—22 kHz, 1.0 Vrms, 1 kHz)
Signal-to-noise ratio	106 dB mono, 103 dB stereo (A-weighted), 22 Hz—22 kHz, mix @ 50%

Power

Power adapter input	9-12 V DC, 95 mA plug: center-negative, 5.5 mm OD x 2.1 mm ID
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Physical

Dimensions	2.9" W, 4.6" L, 2.0" H / 73 mm W, 117 mm L, 51 mm H
Weight	8.84 oz / 251 g

**Specifications subject to change without notice.*

This is ~~not~~ a toy.

At Neunaber, we love to see what you do with your 'toys'. We encourage you to tag us in your posts, pictures & videos featuring your Neunaber gear. To stay connected, go ahead and follow us on the channels seen below. We can't wait to see what you do!



@NeunaberAudio



Neunaber Audio Effects

This product contains no user-serviceable parts.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. While we believe our products are not harmful when used as designed, we provide this warning to comply with Proposition 65.

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