



Front Panel



Secondary Functions



Dual Delay Config

The secondary function for the MIX 2 knob sets the Dual Delay configuration. Press and hold both TAP and BYPASS footswitches while turning the MIX 2 knob to adjust. Turn left for Series, center for Ping Pong, or right for Parallel configuration.

SERIES

In Series configuration, Delay 2 feeds Delay 1. This is equivalent to putting two single delay pedals in succession on your pedal board. A mono input feeds both left and right channels.

PING PONG

In Ping Pong Mode, the delays are configured in a series 'ping-pong' configuration. When using a mono output signal, this configuration is the same as the Series configuration.

In stereo, each delay acts as a ping-pong delay, and they interact when both Mix knobs are turned up.

PARALLEL

In Parallel configuration, the delays do not interact with each other, but produce their outputs 'side-by-side'.

In Stereo, Delay 1 outputs to the left channel, and Delay 2 outputs to the right channel. When the right output is not used, the wet signal sums to mono so that both parallel delays are heard from the left output.



Voicings



■ 24/96

A clean, high-resolution, high-bandwidth delay with a hint of dynamics that allow the delay to sit nicely with the analog dry signal. Twenty-four bit resolution and a 96kHz sampling rate ensure uncolored, artifact-free repeats.

ADM

A one bit, high sample rate A/D/A conversion technique that evolved from telecommunications voice coding. The conversion and supporting signal conditioning, limiting and pre-emphasis/ de-emphasis create a percussive wideband delay that adds more character when input dynamics increase.



12 BIT

A 12-bit, 32kHz PCM conversion made possible by monolithic IC chips developed in the late '70s. Pre-emphasis/deemphasis and companding combine with the converters to produce a warm delay with a dimensional sense.

Rear Panel



Expression Input Modes

The EXP jack on your DIG is set up for Expression Pedal from the factory. To change the Expression Input mode, **hold down both TAP and BYPASS** footswitches while powering up. While holding down, move the toggle switches to one of the three positions shown below.



HOLD BOTH AT POWER UP while changing toggle switch position to set Expression Input Mode

Bypass Modes

DIG is set up for True Bypass from the factory. To change to Analog Buffered Bypass mode with delay trails, **hold down the BYPASS switch** while powering up. Repeat this process to revert back to True Bypass.

TRUE BYPASS

Our True Bypass circuit is simply a mechanical relay to switch the input signal directly to the output, with absolutely no components attached.

BUFFERED BYPASS

Our high-quality Analog Buffered Bypass circuit features a 1Meg input impedance, keeping the character of your guitar pickup unaltered. The output impedance is 100 Ohms and can drive hundreds of feet of cable without coloring your sound. This mode also enables **delay trails**, allowing your delay to persist even after bypassing the effect.



Kill Dry Mode

DIG can be set up to mute the dry signal, useful for Parallel effects loops. To change this operation, hold down both TAP and BYPASS footswitches while powering up. While holding down, turn the **TIME** knob to one of two ranges shown below.



Circular Repeats

Holding down the **TAP footswitch** enables Circular Repeats, where both delay lines maintain a static volume and repeat continuously until the TAP footswitch is disengaged. At this point, all previous settings will be restored.



TRS Stereo Input

The 1/4" input can be set for either mono input or TRS stereo input. The pedal ships in mono input configuration from the factory. Here's how to change the input configuration:

Remove the back cover of your pedal. On the left side of the circuit board, you'll see a jumper that can be set in two positions. Place the jumper on the left 2 pins for TRS stereo input. Place the jumper on the right 2 pins for mono input.

In order to use the TRS stereo input, you'll need a TRS stereo input adapter like the one shown below.



Sample Settings



Cavernous



Dotted '80s



Flangetastic



Delicate 12 Bit



Pure Triplets



Single Lead

Features

.....

SOUND DESIGN

- Two simultaneous, integrated delays, with unique digital rack delay voicings
- Five dual delay adjustment and tone shaping knobs: Time, Time 2, Mix, Mix 2, Repeats
- One modern and two classic digital delay voicings: 24/96, adm, 12 bit
- Five rhythmic subdivisions: Triplet, Eighth, Golden Ratio, Dotted Eighth, Dotted Quarter
- Three choices for delay line modulation: Off, Light, Deep
- Secondary functions for deep control: Delay 1 Subdivision, Sync/Free Mode, Filter, Config, Delay 2 Repeats
- Selectable Free Mode disables subdivisions and synchronization
- Press and hold Circular Repeats effect
- 20ms 1.6s delay range (40ms 3.2s with Half Note Delay 1 Subdivision)

INS, OUTS, & SWITCHES

- High impedance mono input, with selectable TRS stereo input
- Stereo output
- Three signal routing configurations: Series, Parallel, Ping Pong
- Selectable Kill Dry mode
- Tap tempo and Bypass footswitches
- Expression pedal input allows the connection of either an expression pedal (for selectable control over any knob parameter), external tap pedal (for remote control of tempo), or Favorite switch (to save a Favorite preset)

MORE

- +8dBu maximum input level easily handles instrument and line signals
- Premium analog front end and output section
- Analog dry path for a zero latency dry signal that is never converted to digital
- Super high performance SHARC DSP in a compact form factor
- 32-bit floating point processing
- Strong and lightweight anodized carnation pink aluminum chassis
- Designed and Built in the USA

Specifications

Input Impedance	1Meg Ohm
Output Impedance	100 Ohm
Signal to Noise	115 dB typical
A/D & D/A	24-bit 96kHz
Max Input Level	+8dBu
Frequency Response	20Hz to 20kHz
DSP performance	1596 MegaFLOPS
Bypass Switching	True Bypass (electromechanical relay switching)
	or high-quality, transparent Analog Buffered Bypass (selectable)
Dimensions	4.5" deep x 4" wide x 1.75" tall

Power Requirements

Input Voltage	Maximum 9V DC
Polarity	Center Negative
Required Current	Minimum 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.