

# DELAY TYPES

TimeLine MX features classic and all-new algorithms, as well as an expanded set of parameters, providing the ability to apply Swell, Panning, Ducking, and more to *any* Delay type.

**MULTITAP** Offers a variety of multi-tap patterns spanning from rhythmic to ambient, and everything in between. Choose from templates, patterns, note divisions, filtering, and stereo swirls for dimensional and trance-like results.

**OIL CAN** This vintage recreation serves up darker, murkier, and less predictable results than traditional echo units. Its unique rhythmic repeats and syrupy modulations shift and morph over time, creating sustained atmospheric textures.

**DRUM** Delivers the beloved mechanical inconsistencies of real drum echo units for unique warble and soft-clip textures. Enable individual play heads, vary their spacing and feedback to generate evolving patterns.

**DIGITAL** A crystal-clear digital delay that invites endless experimentation with intuitive controls. Switch between distinct digital voicings and enable Dynamics to allow the level of your repeats to decay more rapidly with a natural feel.

**dBUCKET** Provides the authentic, detailed experience of classic analog bucket-brigade delay types. Choose between distinct single or multiple BBD chip delays, and shape your sound with lush, fully adjustable modulation.

**dTAPE** Immerse yourself in the legendary sound of classic sliding-head tape echo machines with every nuance intact and meticulously recreated. Shape your tone with control of low end, tape speed, wow and flutter, crinkle, and more.

**SPECTRAL** This granular delay minces your signal into fragments and applies pitch, reverse, time stretch, and filter effects to create a montage of glitchy patterns or fascinating panoramas. Adjust Grain Shape for a vast range of textures.

**REVERSE** Play a phrase and hear it echo back in reverse. The reverse process is synced to performance for a consistently repeatable reverse experience. Dial in some Smear to gently blur the echoes while retaining full frequency response.

**ICE** Slices and dices your input signal and plays the pieces back with a selectable interval shift from anywhere between two octaves up to one octave down.

**LO FI** Creatively destruct your signal with bit crushing and sample rate reduction. Select from several hand-crafted filters spanning transistor radios, telephones, and more. Our exclusive dVinyl can also add realistic vinyl effects.

**FILTER** Morphs your sound with synchronized tremolo and dynamic filtering, unlocking endless shape-shifting possibilities. Choose from several LFO waveshapes and filter controls for speed, depth, Q, cutoff, and beyond.

**REVERB** A new, wide-ranging reverb capable of creating everything from intimate spaces to larger-than-life sustained washes. Inspired by our Flint pedal, it also offers Tremolo modulation on the wet signal for enhanced texture.



**strymon**  
Designed and built  
in the USA



REV A

# TIMELINE MX

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# CONTROLS

# DUAL MODES & TAP DIVISIONS

# PRESETS & LOOPER

# CONNECTIONS & GLOBAL SETTINGS

## 1. TYPE

Turn to select a Delay type. Press to select Delay 1 or 2, TAP Division 1 or 2, or the Dual Mode option, then turn to edit its setting (see DUAL MODES and TAP DIVISIONS). Press and hold to enter the SAVE screen to name and save the preset.

## 3. TIME

Controls the delay time. The full range of the TIME knob varies per Delay type. In REVERB it controls Pre-delay.

## 4. REPEATS

Sets the number of echoes heard, from one repeat to sustained repeats with regenerating oscillation. In REVERB it controls Decay.

## 5. FILTER

Controls the shape of the repeats filter. In dTAPE, it controls Tape Age; in dBUCKET, the low-pass cutoff frequency; in FILTER, the LFO's center frequency.

## 6. GRIT

Progressively adds distortion and other artifacts. In dTAPE it controls Tape Bias.

## 2. VALUE

From the Home screen, turn to select one of the 300 preset locations. Press to enter the PARAM menu. Hold for 1 second to return to the Home screen. Hold for 3 seconds to enter the GLOBAL menu.

## 7. SPEED

Controls the delay modulation LFO. When using dTAPE, it controls Tape Crinkle.

## 8. DEPTH

Controls the intensity of the delay's Modulation. When using dTAPE, it controls Wow & Flutter.

## PARAM1/PARAM2

Knobs 7 and 8 are assignable for the current Delay type. To assign, press the VALUE encoder, choose the desired parameter from the menu, and hold VALUE while turning PARAM1 or PARAM2.

## 9. MIX

Controls the balance of your analog dry and wet signal, from 100% dry at minimum to 100% wet at maximum. 50/50 mix occurs when the MIX knob is set to 3 o'clock.



## 10. FOOTSWITCHES

Press A or B to engage or bypass the current bank's preset. Press A & B to select a lower bank. Press B & TAP to select a higher bank. LEDs A & B light GREEN if active, AMBER if the preset has been edited, or off if bypassed. TAP blinks to indicate the current Delay type's tempo. Hold TAP to enter LOOPER mode. Optionally, set the FS MODE Global Setting to DUAL to configure footswitches A and B to independently enable/bypass Delays 1 and 2.

## DUAL MODES

Dual modes allow the simultaneous use of any two Delay types (and/or the Reverb). Each remains fully editable, with several routing options offered for subtle blends to dramatic soundscapes. Dual modes are accessed by pressing TYPE:



## Dual Mode Options

- PAR** PARALLEL The input signal is routed to and processed by each delay discretely, with no interaction, allowing each delay to maintain its clarity and definition before being blended together at the end of the signal chain.
- SPL** SPLIT LR, SPLIT RL The two delays are split and fed exclusively with either Delay 1 to the Left Out and 2 to the Right Out, or with Delay 1 to the Right Out and 2 to the Left Out, for a maximum stereo image.
- SER** SERIES 1>2, SERIES 1<2 The input is routed in series, either from Delay 1 into 2 or Delay 2 into 1, providing cascading and multi-pattern repeats.
- DL2 OFF** OFF Dual mode is disabled, configuring the preset to utilize one Delay type.

Tip: Try the factory presets already configured with various Dual mode configurations and customize them as desired.

## TAP DIVISIONS

Set the delay time with the TIME knob or TAP footswitch. By default, both Delay 1 and 2 use this delay time and the Quarter TAP Division. Use the Free setting as described below to set independent delay times. Each delay offers a configurable TAP Division for tempo-synced repeats. Press TYPE to highlight the note icon for Delay 1 or 2, then turn TYPE to select the division value. Settings are saved per preset.



## TAP Division Options

- Quarter** (the default)
  - Dotted Eighth**
  - Eighth**
  - Triplet**
  - Sixteenth**
  - Golden Ratio:** Approximately 1.62:1, relative to the delay time.
  - Silver Ratio:** Approximately 2.41:1, relative to the delay time.
  - Free:** "Unlocks" the current Delay type, allowing its Delay Time to be set independently.
- NOTE: For REVERB, the TAP Division value affects its PREDELAY parameter.

## PRESET EDITING

Press the VALUE encoder to access the PARAM menu, turn VALUE to select a parameter, then press VALUE again to choose its options. Each delay type offers several unique parameters which are stored per preset. Shared parameters, indicated with the "1+2" symbol, are applied to both Delay 1 and 2 of the current preset when in Dual mode. See the User Manual for the full parameter list.

- Setup an Expression Pedal:** Select EXP SETUP to assign one or multiple knobs for expression pedal control and customize the Heel and Toe values.
- Expand your Stereo Image:** Select PAN to adjust the Left-Right balance of the delay—or independently for each of the Dual delays—to modify the width of the stereo spread.
- Optimize Dynamics:** Utilize SWELL, DUCK, DUCK RELEASE, and BOOST options to fine-tune repeat levels.
- Copy Settings From Another Preset:** Select COPY FROM and choose any existing preset to import its parameter settings and expedite preset creation.

## PRESET SAVING

- Hold the TYPE encoder to enter the Save screen:
- To save to the current preset location: Press and release TYPE.
- To save to a different location: Turn VALUE to select any preset location, then press and release TYPE.
- To rename the preset: Turn TYPE to move the edit cursor to underline a name character, then turn VALUE to edit.

## LOOPER

- Press and hold the STOP / LOOPER footswitch to enter or exit LOOPER mode.
  - Press the REC / DUB footswitch to record a new loop.
  - Press the PLAY footswitch to play a recorded loop.
  - Press the REC / DUB footswitch to overdub.
  - Initially, the No Loop icon appears on the display.
  - The flashing Record icon appears.
  - The Play icon appears.
  - The Overdub icon appears.
- The Looper mode screen displays the current Looper state and the duration of your recorded loop for the Play and Overdub States.
- Loop level, pre/post, and additional options are found in the Global Settings. The TAP footswitch can alternatively be configured as a single-button Looper. See the full User Manual for details.

## 1. LEFT & RIGHT IN

High impedance, ultra low noise, discrete Class A JFET preamp inputs. Use LEFT IN for mono input. Add a RIGHT IN for stereo input. See the User Manual for additional I/O configurations.



## 2. LEFT & RIGHT OUT

Audio outputs. Connect to both the LEFT and RIGHT OUT for stereo output. Use the LEFT OUT for mono output.

## 3. USB

Connect to a computer for using the Nixie 2 app, MIDI control, and firmware updates.

## 5. MIDI IN & OUT

Full-featured MIDI input and output supporting MIDI CCs for parameter control, Program Changes for preset changes, and more. See the User Manual for details.

## 6. 9VDC

Use a power adapter with a rating of 9VDC, center-negative, and 500mA minimum (sold separately).

## 4. EXP

Multifunction communication jack for external control. Use a standard TRS expression pedal for continuous control of TimeLine MX's knobs. Or use the Global Settings - EXP MODE options to configure the jack for MIDI communication or accessories, such as Strymon MultiSwitch and MultiSwitch Plus, to control various parameters and the LOOPER. See the User Manual for details.

## GLOBAL SETTINGS

Hold VALUE for 3 seconds to access the GLOBAL menu, turn VALUE to select a setting, then press VALUE to choose its options. Global Settings affect TimeLine MX regardless of the active preset, allowing optimization for various setups and workflows. Configure the LOOPER options, RIGHT IN/OUT Feedback Loop, SPILLOVER for seamless preset changes, MIDI Clock sync, EXP jack and MIDI control options, and more. See the User Manual.

## SUPPORT

- Download the full User Manual: [strymon.net/support/timeline-mx](http://strymon.net/support/timeline-mx)
- Download the free Strymon Nixie 2 application: [strymon.net/support/nixie-2](http://strymon.net/support/nixie-2)
- Questions & Technical Support: [support@strymon.net](mailto:support@strymon.net)