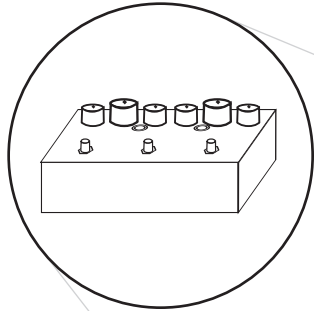




echoczar

analog stereo delay



Delay 1 (Green) - use this channel for your "short" delay setting.

Delay 2 (Yellow) - use this channel for your "long" delay setting.

Switch between the two settings at any time with the "Delay 1/2" footswitch

Add feedback any time with the "Feedback" footswitch. If feedback runs away from you, hit the "Feedback" footswitch (not the bypass) and dial in a little more "Safety" knob. The same safety setting will provide reasonably predictable feedback response for both a "Short" and "Long" delay setting

May be used either before or after distortion. Use Vintage Mode in front of a high gain amp. For beautiful distorted echoes, place your distortion pedal after your Echoczar

May be used in an amp's effects loop
Parallel Loop - set mix at 100% wet
Series Loop - set mix at 50-50

MULTI-HEAD MODE (SWITCH)

add to either the vintage or modern mode
Global - effects both Delay 1 and Delay 2
M-Sb: adds slapback prior to main repeat
M-Rv: sustains the repeat and adds reverb

Effect will vary with delay time settings

WARNING: will feedback with repeat knob on "max" in either multi-head mode

REPEATS

1 repeat "min"
8 to 10 repeats "max"

EXPRESSION PEDAL INPUT

controls number of repeats for both Delay 1 and Delay 2

EFFECT OUT PHASE-SELECT (SWITCH)

useful in correcting or creating a focused or wide stereo image when using 2 amps or when using both channels of a single amp like a Fender Twin Reverb

MIX

individual mix knobs allow each channel (Delay 1 and Delay 2) to have a separate mix. Very useful when using Delay 1 for slapback and Delay 2 for long delay.

when using two amps (stereo), the mix control allows any amount of delayed signal to be sent to Amp 2 - from delay only (100% wet) to any mixture of delay and dry.

Amp 1 will receive dry only from the direct out jack

EFFECT OUT MUTE/NORMAL (SWITCH)

useful when using two amps in stereo switched to "normal" in the bypass mode - direct out and effect out are true bypass, hardwired to the input jack

switched to "mute" in the bypass mode - direct out is true bypass, but the effect out is muted

Leave switch in "normal" position when using 1 amp mono

ECHO/DELAY MODE (SWITCH)

Echo Mode has repeats which decay in a natural manner.
Delay Mode has repeats which can go on and on.

EXPRESSION PEDAL INPUT controls Delay 2 (yellow) delay time

SLIDE

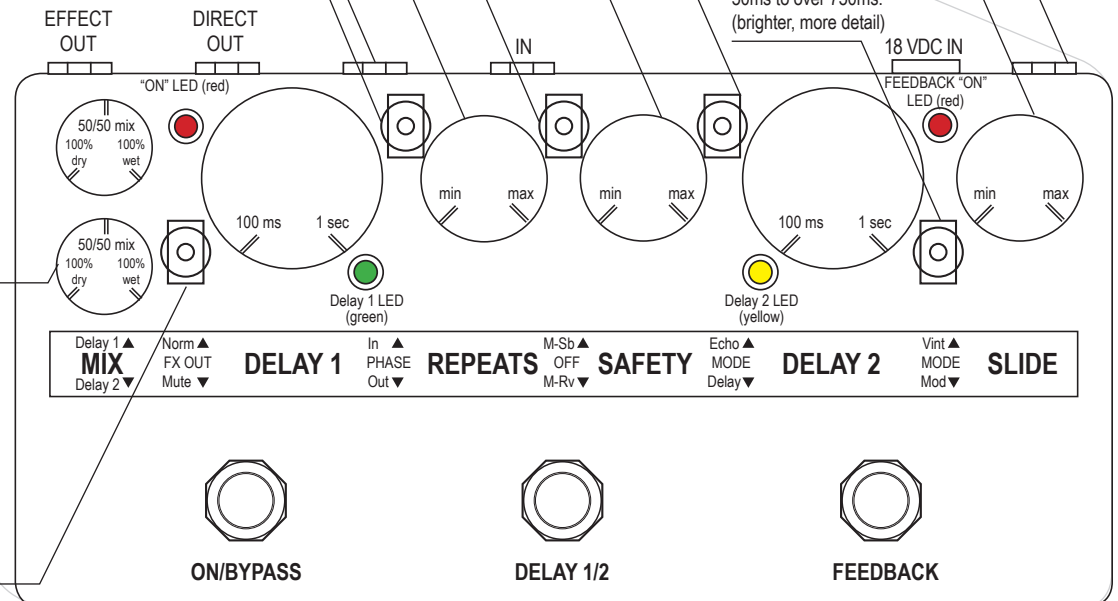
near instant "switch" between delay times on "min" Slide approximately 5 seconds of pitch-shift madness on "max" setting

SAFETY

Active only in feedback mode
Wild "UFO" feedback on "min"
Feedback suppressed on "max"

VINTAGE/MODERN MODE (SWITCH)

UP FOR VINTAGE - 100ms to over 1 sec. (warm and thick)
DOWN FOR MODERN - 50ms to over 750ms. (brighter, more detail)

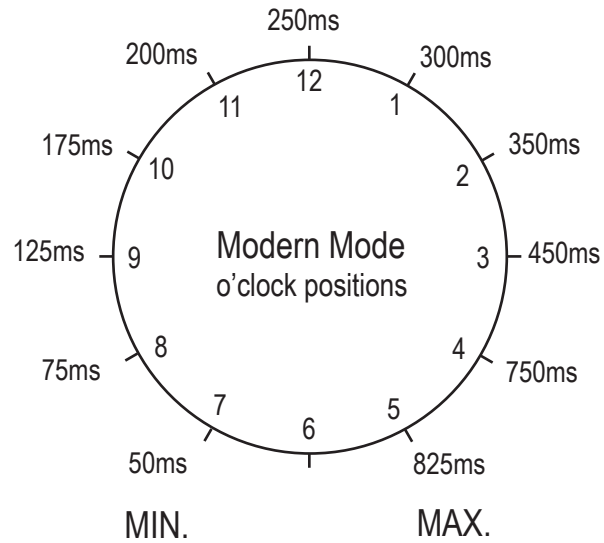




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clock position to millisecond conversion chart

Modern Mode



Vintage Mode

