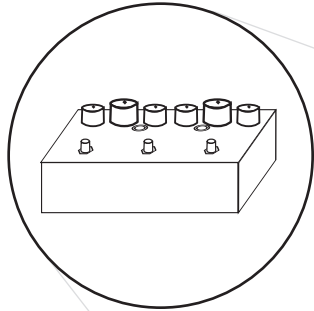




echoczar

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/self-oscillation at any time with the Feedback footswitch. If feedback runs away from you, turn the Safety knob clockwise in small increments until feedback is controlled. The same Safety setting will provide a reasonably predictable feedback response for both Delay 1 and Delay 2.

May be used in an amp's effect loop

Parallel loop - set mix at 100% wet
Series loop - set mix at 50/50

May be used either before or after distortion but delay after distortion is usually preferred

EFFECT OUT PHASE-SELECT (switch)

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

EFFECT OUT MUTE/NORMAL (switch)

One Amp: leave switch in the NORMAL position
Two Amps: when switched to NORMAL, the direct and effect out jacks feature hardwired, true-bypass switching
when switched to MUTE, the direct out jack features hardwired, true-bypass switching but the effect out jack will be muted when foot-switched to bypass

REPEATS

1 repeat at MIN
feedback/self-oscillation at MAX

MULTI-HEAD MODE (center off switch)

add to either the vintage or modern mode
Global - effects both Delay 1 and Delay 2
S-BACK: adds slapback prior to main repeat
REVERB: 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

CHANNEL INDICATOR LEDS

(green or yellow)
flash to the exact delay time setting (tempo)

MIX (dual)

individual mix knobs allow each channel (Delay 1 and Delay 2) to have a separate mix.
When using Two Amps (stereo), the mix knobs allow any amount of delayed signal to be sent to the EFFECT amp from delay only (100% wet) to any mixture of delay and dry
DRY amp will receive dry only from the direct out jack

EXPRESSION PEDAL INPUT controls number of repeats for both Delay 1 and Delay 2 or use a channel insert cable access the delay path effects loop

EXPRESSION PEDAL INPUT controls Delay 2 (yellow) delay time

SAFETY

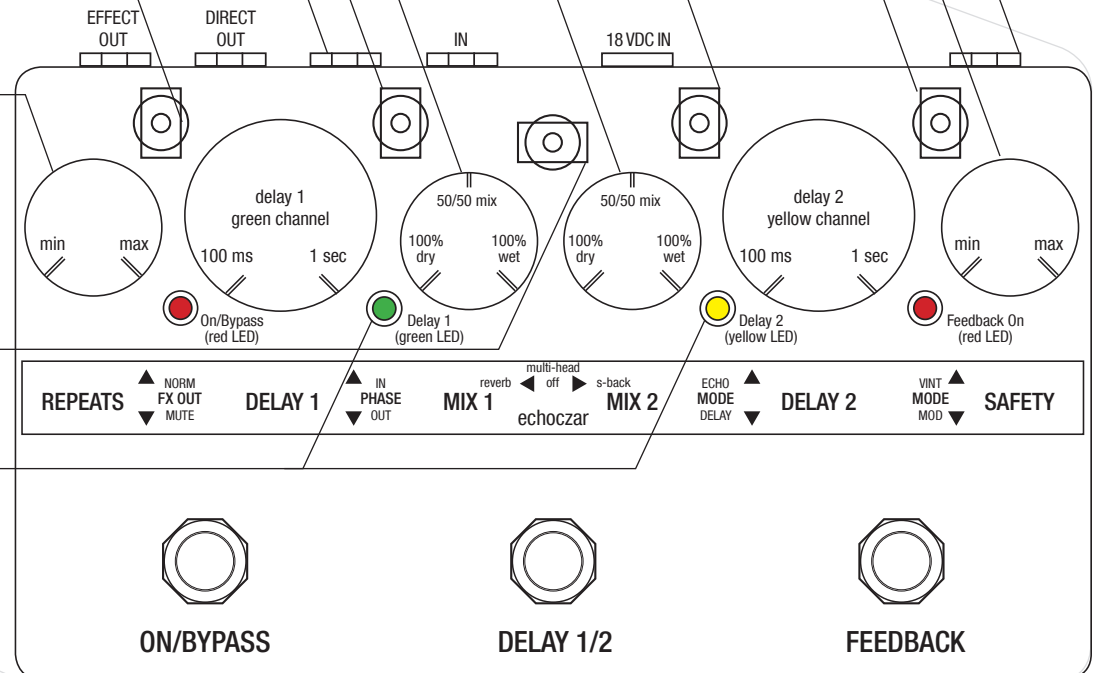
Active only in the feedback mode
Wild feedback/self-oscillation at MIN
Dampened feedback/self-oscillation at MAX

VINTAGE/MODERN MODE (switch)

Vintage mode - 100ms to over 1 sec. Warm and thick
Modern Mode - 50ms to over 750ms. Brighter with more detail

ECHO/DELAY MODE (SWITCH)

Echo Mode features repeats which decay in a natural manner, with soft feedback
Delay Mode features repeats which can go on and on with choppy feedback



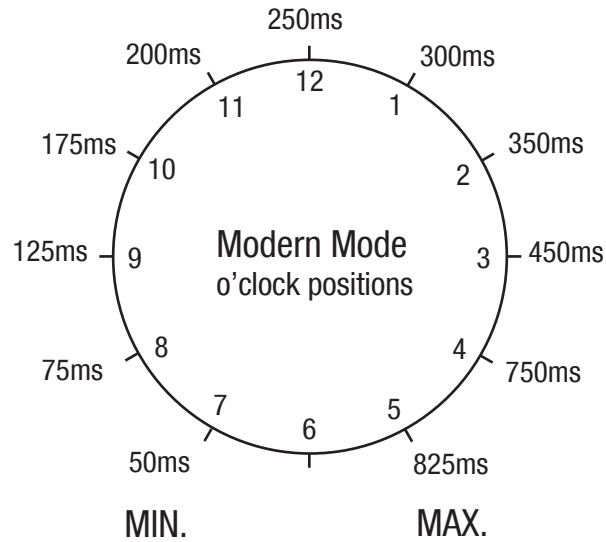
Actual Size:
4 1/4" deep
7 1/2" wide
2 1/4" tall



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clock position to millisecond conversion chart

Modern Mode



Vintage Mode

