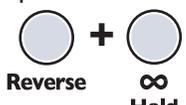


# Dual Looping Delay – Advanced Feature Quick-Guide

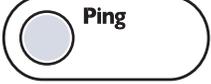
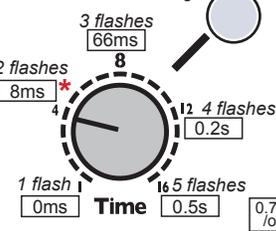
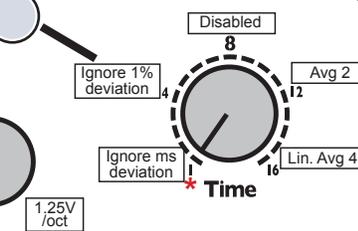
firmware  
version 5

<p><b>Clear channel memory buffer</b></p> <p>Buttons will flash to confirm. All 2m54s of audio on that channel will be silenced.</p>	<p>Depress for 2 seconds:</p>  <p><b>Reverse</b> + <b>Hold</b></p>	<p><b>Lock/unlock channel's Ping Clock (base time)</b></p> <p>Time knob/switch/jack still work, but ignore any changes to the Ping button or jack</p>	<p>Hold down:  <b>Hold</b> → ...then tap:  <b>Ping</b></p> <p>Inf. Hold button will flicker when Ping is locked.</p>
<p><b>Quantized Change Mode</b></p> <p>When enabled, any change to Reverse, Inf. Hold, or Time will be quantized to the Ping clock.</p>	<p>Hold both Reverse buttons...  → ...then tap Ping:  <b>Ping</b></p>	<p>Reverse and Ping buttons will flicker when Quantized Change Mode is toggled:</p> <ul style="list-style-type: none"> <li>- Flash three times equally = enabled</li> <li>- Flash six times in a staggered pattern = disabled</li> </ul>	

Time Switches

## System Settings Modes

\*=factory default

<p>Up  Up </p>	<p>With both Time switches up, press and hold all 5 buttons:</p> <p><b>Hold 2 seconds = ENTER SYSTEM MODE</b></p> <p>Repeat this to exit system mode:</p> <p><b>Hold 2 seconds = SAVE CHANGES</b></p> <p><b>Tap quickly = AUDIT CHANGES (powering off restores old settings)</b></p>  <b>Ping</b>		
<p>Up  Center </p>	<p><b>Auto-mute</b></p> <p>*on = enabled off = disabled</p> 	<p><b>Delay Feed CV jack</b> on = Mix * off = Delay Feed</p>  <b>A</b>  <b>B</b>	<p><b>Soft-clip</b></p> <p>*on = enabled off = disabled</p> 
<p>Up  Down </p>	<p><b>Loop Clock Jack</b> on = Gate out * off - Trigger out</p>  <b>A</b>	<p><b>Main Clock Out jack</b> on = Gate out * off - Trigger out</p> 	<p><b>Loop Clock jack</b> on = Gate out * off - Trigger out</p> <p><b>LED dimmer</b></p>  <b>B</b>
<p>Center  Center </p>	<p><b>Cross Fade Time (CFT)</b> <span style="border: 1px solid black; padding: 2px;">Hold button while turning knob</span></p> <p>Red LED flashes to show CFT setting</p>  <p>1 flash 0ms, 2 flashes 8ms*, 3 flashes 66ms, 4 flashes 0.2s, 8 flashes 0.5s, 12 flashes 0.2s, 16 5 flashes 0.5s</p> <p><b>1V/oct Tracking</b></p> <p><b>External Clock De-jittering (ECD)</b></p> <p>Blue LED flashes to show ECD setting</p>  <p>Disabled, 8, 4, 12, 16, Lin. Avg 4, Avg 2, Ignore 1% deviation, Ignore ms deviation</p> <p><b>Delay Feed A</b>  <b>A</b>     <b>B</b>     <b>C</b></p> <p>0.75V/oct, 1.25V/oct, 0.75V/oct, 1.25V/oct</p>		
<p>Center  Down </p>	<p><b>Reverse jacks</b></p> <p><b>Hold jacks</b></p> <p>*=off</p> <p>on = Toggles with gate off = Toggles with trigger (rising edge)</p>	<p><b>Delay Feed taper</b></p> <p>on = Audio taper (log) * off = Linear taper</p>	<p><b>Runaway DC Block</b></p> <p>*on = enabled off = disabled</p>