

Vein-Tap.com

Holy Era Tap Tempo Delay

Instruction Manual

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Intro

Thank you for choosing the Holy Era Tap Tempo Delay pedal from Vein-Tap.com! It's a beautiful, analogue voiced delay pedal with a couple of brilliant features which make it sure to be a permanent part of your pedalboard.

This manual will take you through the Holy Era Tap Tempo Delay pedal's controls. Read thoroughly and soon you will be the master of the Holy Era, and you'll know how to create delay tones no one's ever heard before.

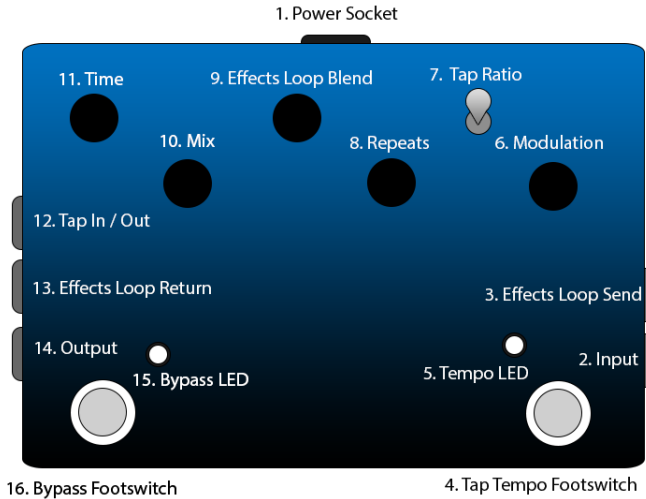
Thanks again for choosing the Holy Era Tap Tempo Delay pedal from Vein-Tap.com, and remember that if you need any help, email me at info@vein-tap.com and I'll be glad to offer advice.

All the best!

Ben

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Pedal Diagram



1. Power Socket – plug a standard, 2.1mm centre negative 9v power jack in here. Current draw is less than 100mA. Anything that will power a Boss pedal will work here. Do not use a power supply over 9v, or a centre positive power supply. Use an isolated power supply to preserve tonal purity.
2. Input – plug your guitar or previous effect pedal in here.

3. Effects Loop Send – if using effects in the Holy Era’s effects loop, plug the input of the first pedal in the loop here.
4. Tap Tempo Footswitch – override the Time control by tapping the desired tempo with this soft touch footswitch.
5. Tempo LED – this will blink to display the current delay time rate, set by either tapping the Tap Tempo Footswitch or by using the Time control.
6. Modulation – turn this control clockwise to introduce a tape-like modulation effect to the repeats. Goes from no modulation at 0 to wobbly madness at 11.
7. Tap Ratio – this switch sets the tempo rate.
8. Repeats – turn this control clockwise to add more repeats. Goes from a single repeat at 0 to manic self-oscillation at 11.
9. Effects Loop Blend – control how much the repeats are affected by the effects loop here (0 = fully affected, 11 = fully unaffected). If not using the effects loop, keep this control at 11.

10. Mix – turn this control clockwise to increase how loud the repeats are. Goes from nothing at all at 0 to slightly louder than unity at 11.
11. Time – controls the delay time. Goes from 35ms at 0 to 950ms at 11. This control can be overridden with the tap tempo footswitch. Turning this control then overrides the tapped tempo.
12. Tap In / Out – connect a Normally Open Momentary footswitch to remotely control the tempo. This connection is linked to the Tap Tempo Footswitch, and sends a Normally Open Momentary signal when the footswitch is tapped. This allows you to sync other compatible pedals with the Holy Era.
13. Effects Loop Return - if using effects in the Holy Era's effects loop, plug the output of the last pedal in the loop here.
14. Output - plug your amp or next effect pedal in here.
15. Bypass LED – this light will shine when the effect is active.
16. Bypass Footswitch – turn the Holy Era on and off with this latching soft touch footswitch.

The Delay

The delay section of the Holy Era is pretty special in and of itself. It keeps your original signal completely analogue, and uses a digital chip specifically designed to sound like the analogue BBD chips of old. This means you get full, lush, analogue-sounding delay with a few modern advantages.

The first of these advantages is the increased delay time. Almost all analogue delays can't manage more than 300ms of delay: the Holy Era more than triples that to up to 950ms of delay time. As the delay time is increased, the repeats degrade and darken, just like a real analogue delay. You get the best of both worlds!

The Repeats control goes from one single repeat to insane self-oscillation, where the repeats then repeat on themselves and the repeats then repeat on themselves and the repeats then repeat on themselves.

The Holy Era' signal circuit is also designed to sound articulate and present even with modern distortion tones.

But that's not all.

The Effects Loop

What makes the Holy Era Tap Tempo Delay truly special is its effects loop. Using this loop, you can use other effects to change the sound of the delay repeats. The only limit here is your imagination. You can put any effect, or any combination of effects, in here: fuzz, tremolo, and phaser all work well here. Pitch shifting is particularly good.

This can be done on some other delay pedals, but what makes the Holy Era truly unique is the Effects Loop Blend control. This control allows you to select any ratio of dry to wet signal, allowing you to be more subtle if you choose. Experiment with the Holy Era's effects loop and effects loop blend control, and you'll be able to create custom delay sounds that have never been heard before.

Tapping the Tempo

One of the best things about the Holy Era Tap Tempo Delay is the ability to set the tempo by tapping either the on-board tap tempo footswitch, or an external footswitch. The Holy Era's tap tempo footswitch can also be connected to other compatible devices to set their tempo too.

The Tap Tempo Footswitch

Tap four times to register the tempo accurately. The Tempo LED will light solid while the tempo is being tapped. Turn the Time control to override the tapped tempo.

The Tap Ratio Switch

The Tap Ratio switch can take the tempo tapped and change it, allowing you to get an anthemic dotted eighth note delay or a slapback faster than any foot is capable of tapping. The switch has three settings:

- Switch up – tempo is doubled (tapping 60bpm will register 120bpm)

- Switch centre – tempo is set to dotted eighth, or 150% of the tempo (tapping 60bpm will register 90bpm)
- Switch down – tempo is registered normally (tapping 60bpm will register 60bpm)

The Tap In / Out Jack

You can use this jack to either send the Holy Era's on-board tap footswitch signal to another compatible pedal (such as the Dark Waves Tap Tempo Tremolo pedal) or to accept any Normally Open momentary switch as an external tap tempo.

Outro

That's everything! I really hope you love your Holy Era Tap Tempo Delay pedal as much as I love my own, and that it soon becomes an essential part of your pedalboard. Remember that your Holy Era Tap Tempo Delay pedal enjoys a lifetime guarantee, so if ever you have any problems, get in touch with me at info@vein-tap.com and I'll put any problems right or answer any questions you may have.

Enjoy your new pedal, and thanks again for choosing Vein-Tap.com!

All the best,

Ben

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