

Yodelmaster₂

delay&echo



**SERVUS!
PEDALE**

Servus!Pedale
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Germany



1-Level control
 2-Feedback amount
 3-Delay time
 4-Modulation rate
 5-Echo/Delay switch
 6-Modulation depth

7-FX Loop input
 8-Effect input
 9-Effect output
 10-Effect bypass ON/OFF
 11-Tap tempo
 12-Tempo led

WELCOME

Thank you for purchasing our Yodelmaster2. This guide will help you to discover all its functions.

POWER SUPPLY

The pedal can be powered via an external power supply (9VDC negative center pin). We recommend to only use power supplies regulated at 9VDC in order to avoid noises and possible malfunctions of the pedal.



RECOMMENDATIONS AND WARRANTY

The pedal is designed to be powered with 9VDC, any plug to other than the specified voltage or the use of AC sources will provoke damage to the pedal not covered by warranty. All Servus!Pedale pedals are covered by a 2 years warranty valid from the date of purchase. This warranty against any defects in materials and manufacture is transferable. If the pedal shows any malfunctions during the warranty period contact us and the pedal will be repaired at no charge (parts, labor and return shipping costs). Please don't send any pedal before contacting us.

FEATURES AND TECHNICAL SPECS

- Two modes: Delay&Echo
- Tap tempo
- 4 note subdivisions
- FX Loop
- Modulation
- True Bypass or Trails
- Handmade in Germany
- 9VDC
- Current Draw: ~45mA
- Size: 120mm x 65mm

BASIC CONTROLS

-LEVEL: Controls the amount of delay that is mixed with the dry signal.

-FEEDBACK: Controls the number of repeats. From 0 repeats to self-oscillate delay. Note that the oscillation point is different on delay and echo modes.

-DELAY: Sets the delay time. From 40ms to 580ms. This knob also controls the note subdivision (see Subdivisions section)

-RATE: Controls the speed of the modulation. Turning the knob counterclockwise will yield slower oscillation.

-DEPTH: Controls the amount of modulation added to the delay repeats. Fully counterclockwise has no modulation added. Fully clockwise you can obtain crazy modulation sounds. The modulation response depends on the delay time. You can play with the modulation rate to adjust it to the actual delay time.

ECHO OR DELAY

The Yodelmaster2 has the possibility to change between two different repeat modes.

The echo mode brings the saturation of the classic tape echo units. The repeats are dirtier and less filtered.

The delay mode emulates the warm sound of a BBD analog delay. The repeats are darker and warmer.

To switch between the two modes it's recommended to decrease the Level control. The Tape mode has a different response. So mode changes can cause a volume jump.

SUBDIVISIONS

With the Tap tempo switch pressed, turn the Delay knob slowly to the desired subdivision. When changing from one to the other multiplier the LED starts to flash:

- Quarter notes (1x blink)
- Dotted eighths (2x blink)
- Eighths notes (3x blink)
- Sixteenth notes (4x blink)

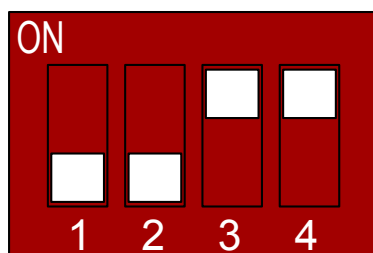
Then re-tap for the new delay time. This time resets if the delay knob is turned again. The selected subdivision is stored for the next re-tap.



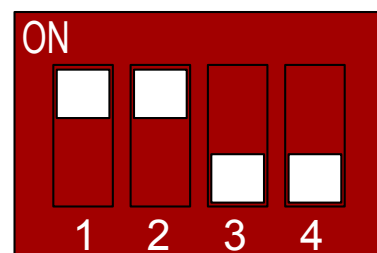
TRUE BYPASS OR TRAILS

In True Bypass mode the IN and OUT jacks are directly connected when the pedal is Bypassed.

In Trails mode the output of the delay line is connected to the dry signal, that means when the pedal is bypassed you can still hearing the delay repeats go off naturally.



TRUE BYPASS



TRAILS

EFFECTS LOOP

You can connect another effects to the FX Loop. Just connect an Y-cable to the FX Loop Input and the repeats will pass through the connected effects.

RELAY TRUE BYPASS

The Yodelmaster2 uses a a Relay True Bypass system. This system uses a clickless switch, a PIC microcontroller and a high quality relay to do the bypass operation. This system has a much higher durability than the 3PDT switches usually used on True Bypass pedals.

COMPONENTS

- 1% Metal film resistors
- WIMA capacitors made in Germany
- Alpha potentiometers
- Neutrik Jacks
- Hammond enclosure

CONTACT

If you have any questions, suggestions or critic don't hesitate to contact us on info@servuspedale.com

www.servuspedale.com