

# FINLANDIA

DUAL DELAY AND REVERB



**SERVUS!  
PEDALE**

Servus!Pedale  
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Germany

# WELCOME

Thank you for purchasing our Finlandia. 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 independent delays
- Two modes: Tape and BBD
- Reverb with tone and space controls
- 4 note subdivisions
- FX Loop
- Modulation
- Handmade in Germany
- 9VDC
- Current Draw: ~155mA
- Size: 145mm x 121mm

# 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.
- REVERB: This control adjust the amount of reverb.
- TONE: Controls the tone of the wet signal. The dry signal stays always unaltered.
- SPACE: It works like a feedback loop. It controls the amount of wet signal that returns to the effect input. FINE ADJUSTMENT: The pedal has a small trimmer inside. This trimmer change the amount of feedback of the Space control. You can obtain an auto oscillating feedback changing this. If you want to make experiments feel free to play with it!

# 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.

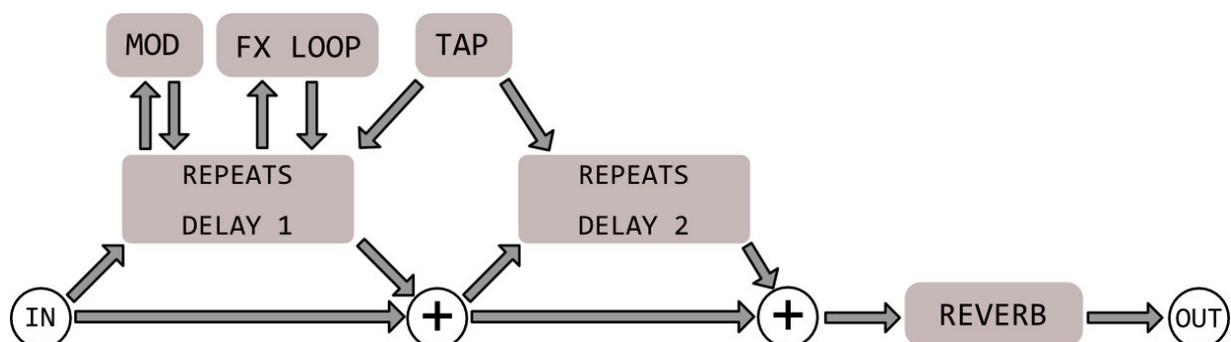


# TAPE OR BBD

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

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

# SIGNAL PATH



## EFFECTS LOOP

You can connect another effects to the FX Loop. Just connect an Y-cable to the FX Loop Input and the repeats of the Delay 2 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](mailto:info@servuspedale.com)

[www.servuspedale.com](http://www.servuspedale.com)