

Congratulations on your purchase of the *Fulltone*[®]

Supa-Trem[®] Jr



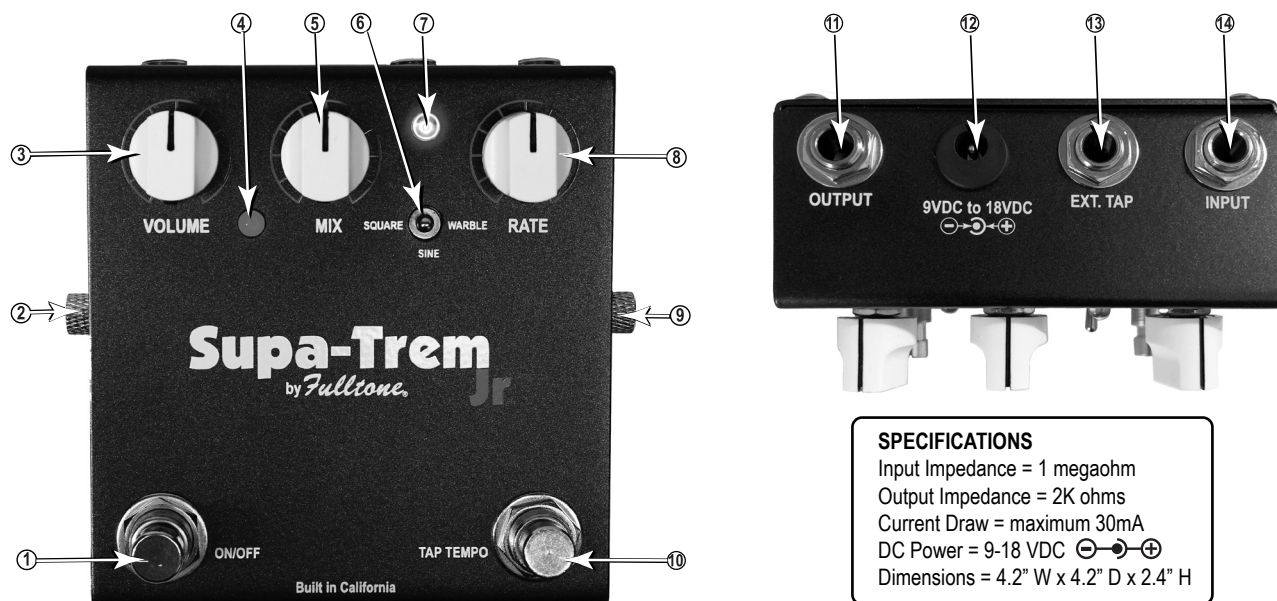
Model **ST-Jr**


The next evolutionary step of the beloved **Supa-Trem1** is here...it's the **Supa-Trem Jr!**

Much, much smaller at only 3.9" wide x 4" deep, and much more intelligent version of the epic **Supa-Trem1**, retaining a 100% analog audio path, now utilizing a digital Oscillator, allowing for Tap-Tempo and a choice between 3 stellar waveforms, all while retaining the custom-made Fulltone Optocoupler that gives it a natural feel no digital effect could ever achieve! Also sporting True-Bypass, external Tap jack, Half/Double hold feature, up to 15dB boost, **Square**, **Sine**, and the natural heartbeat-like **Warble** wave-forms! The **ST-Jr** can do speeds so slow that a full cycle takes around 7 seconds, and fast speeds that go beyond 500bpm. The heart of the **ST1** is still there, the warm Analog Devices JFET preamp, which is the same opamp we use in our 2B, Wah Wah Buffers, and ABY switchers. With its top-mounted jacks, the Jr will fit into the smallest spot on your board. Don't forget, just like the **ST1**, the **ST-Jr** also works as an incredible clean boost with the Mix control turned down

enjoy it! *M. Fuller*

Michael Fuller/ Product Designer & President

**SPECIFICATIONS**

Input Impedance = 1 megaohm
 Output Impedance = 2K ohms
 Current Draw = maximum 30mA
 DC Power = 9-18 VDC 
 Dimensions = 4.2" W x 4.2" D x 2.4" H

ON/OFF FOOTSWITCH: (#1 on above diagrams) When pedal is ON, the LED (#4) will be lit. The ST-Jr utilizes True-Bypass switching via the Fulltone 3PDT footswitch.

VOLUME KNOB (#3) Controls the Level when the pedal is turned ON, only. **CLEAN BOOST TRICK:** Turn the MIX knob full counter clockwise (CCW) and you can use the ST-Jr as a clean boost pedal, getting as much as 20dB boost when pedal is turned on, depending on where you set the VOLUME knob.

RATE KNOB (#8) This knob controls the RATE (speed) of the modulation along with the TAP TEMPO footswitch. Any changes made using the RATE knob will cancel the rate chosen by the TAP TEMPO switch. Consequently, any changes made using the TAP TEMPO switch will cancel the rate chosen by the RATE knob.

RATE LED: (#7) These LEDs flash with the chosen tempo whether the pedal is ON or OFF. This allows syncing the pedal's tempo to the song's tempo while the pedal is ON or OFF, a crucial feature for live performing.

WAVEFORM TOGGLE SWITCH: (#6) There are three selectable waveforms on the ST-Jr. **SINE** is for your everyday natural Tremolo sounds.

SQUARE is for brutally abrupt and choppy at any speed even with hi-gain amps. **WARBLE** is not on ANY other tremolo pedal and is my favorite. We analyzed vintage Univibe waveforms as well as vintage Leslie rotating speakers and got a waveform so organic and rollicking that you may not want to stray from this setting.

TAP TEMPO FOOTSWITCH: (#10): There are 2 ways to set the tempo on your ST-Jr. First way is by rotating the RATE knob (#8) to desired speed and the second (using your foot) with the TAP TEMPO switch. The easiest way to use this is to simply tap 2 beats of the desired cadence on the footswitch, you only need 2 taps to set the RATE.

DOUBLE / HALF SPEED tap feature: You can double or halve the speed by holding down on the Tape Tempo footswitch for 3/4 of a second. You will stay in perfect tempo with the music as this is an extremely precise division of time.

EXTERNAL TAP JACK: (#13) allows the connection of a standard guitar cable to a non-latching "momentary" switch to allow for TAP TEMPO function while the pedal is placed in a rack, for example. You may use a standard guitar cable up to 100' or longer in length, depending on the quality of the cable used.

INPUT JACK: (see #14) Connect a (shielded 1/4" mono) cable from your guitar (or from the output of another effect) into this jack.

OUTPUT JACK: (see #11) Use a (shielded 1/4" mono) cable from this going on to the input of subsequent effects or to your amplifier.

BATTERY ACCESS: To access the 9 volt battery, remove the thumbscrews (#2 & #9) by rotating thumbscrews CCW. Then separate the housing, remove and replace battery, then reassemble and reinstall the thumbscrews, turning the thumbscrews CW until hand-tight. **Warning!** Remove guitar cable from input (#14) of pedal when not using to extend battery life. If you leave a cable plugged into this pedal *without having a power supply connected to the DC port* (#12) the battery will die within hours. If a plug is inserted in the DC port (#12) the battery is bypassed and will stay fresh, even if the power supply is off. The DC port has True-Bypass switching of the battery connections.

DC POWER JACK: (#12) You may run this device on a high-quality regulated 9 -18 volt DC power supply that offers at least 50mA of current. The center-pin is configured to the industry-standard 2.1mm x 5.5mm barrel plug, "Negative to Center" configuration. We recommend the Fulltone IPS-9 or IPS-18 adapters available at store.fulltone.com. They are the only Noise-Free switching-type power supplies we are aware of, and automatically adjust to any wall voltage between 100 and 240 volts.

WARRANTY: Fulltone products carry a Limited 5-year Warranty to the original owner with proof of purchase that the product was bought from an Authorized Fulltone Dealer, and if it was registered with us around the time of purchase via our registration portal at www.fulltone.com. The Warranty covers failure due to manufacturing errors only and is void if any mod or repair is performed by anyone other than Fulltone and/or if we deem that any operator-caused abuse or damage has occurred, for example; the use of an incorrect power supply, a dropped pedal, water damage, etc. Customer is always responsible for all shipping costs both to and from Fulltone. Do not attempt to call, instead, all repair issues are handled via contacting us through the "Repair Inquiries" portal at www.fulltone.com. You will be required to troubleshoot the problem and to upload a video clearly showing the problem you are experiencing. After we have deemed that a repair is necessary, we will email you an Acrobat PDF copy of our Return Authorization Form (RA Form) and print it out, fill out all information, and include it with the device you are sending. Fulltone Musical Products Inc. is not responsible for any loss, injuries, or damages related to the use of our products. Use at your own risk.

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11018 Washington Blvd. Culver City, CA 90232

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