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# STAM E3



Owner's Manual  
Stam E3 Laquered Tweed

**IMPORTANT SAFETY INSTRUCTIONS**



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safe operation of the unit.

- ⚠ Read, retain, and follow all instructions. Heed all warnings.
- ⚠ Only connect the power supply cord to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under INPUT POWER on the rear panel of this product.
- ⚠ **WARNING:** To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.
- ⚠ Unplug the power supply cord before cleaning the unit exterior (use a damp cloth only). Wait until the unit is completely dry before reconnecting it to power.
- ⚠ Maintain at least 6 inches (15.25 cm) of unobstructed air space behind the unit to allow for proper ventilation and cooling of the unit.
- ⚠ This product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
- ⚠ This product may be equipped with a polarized plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of this plug.
- ⚠ Protect the power supply cord from being pinched or abraded.
- ⚠ This product should only be used with a cart or stand that is recommended by the manufacturer.
- ⚠ The power supply cord of this product should be unplugged from the outlet when left unused for a long period of time, or during electrical storms.
- ⚠ This product should be serviced by qualified service personnel when: the power supply cord or the plug has been damaged; or objects have fallen, or liquid has been spilled onto the product; or the product has been exposed to rain; or the product does not appear to operate normally or exhibits a marked change in performance; or the product has been dropped, or the enclosure damaged.
- ⚠ Do not drip nor splash liquids, nor place liquid filled containers on the unit.
- ⚠ **CAUTION:** No user serviceable parts inside, refer servicing to qualified personnel only.
- ⚠ Stami's Customs® amplifiers and loudspeaker systems are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.



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## Stam E3

The original Deluxe amp of the 1950s was a medium-powered unit designed to let guitarists hold their own in a small group. Upright bass and calfskin-headed drums were no match for this little California suitcase! Then, as Blues, Western, and Rockabilly bands began getting louder and wilder, the overdriven tone of a cranked-up Deluxe found its way onto countless smokin' hot live and recorded performances.

Over the past five decades, from Memphis to Liverpool to Texas, players of every conceivable style have employed this awesome tone machine for its unmistakable warm, rich tube tone. The original amps are getting hard to find, and their prices continue to appreciate in the vintage collector's market. Players who enjoy the original tone, feel, and vibe will be delighted by the Stam-E3, series of all-tube amps with hand-wired circuitry and premium components.

Lower settings of the "chicken head" volume control result in harmonically rich clean tones perfect for authentic vintage Rock, Blues, and Country playing; when cranked up, the Deluxe's fat, compressed, wildly distorted tone is not only inspiring, but just plain fun. It also records easily, thanks to all that natural compression.

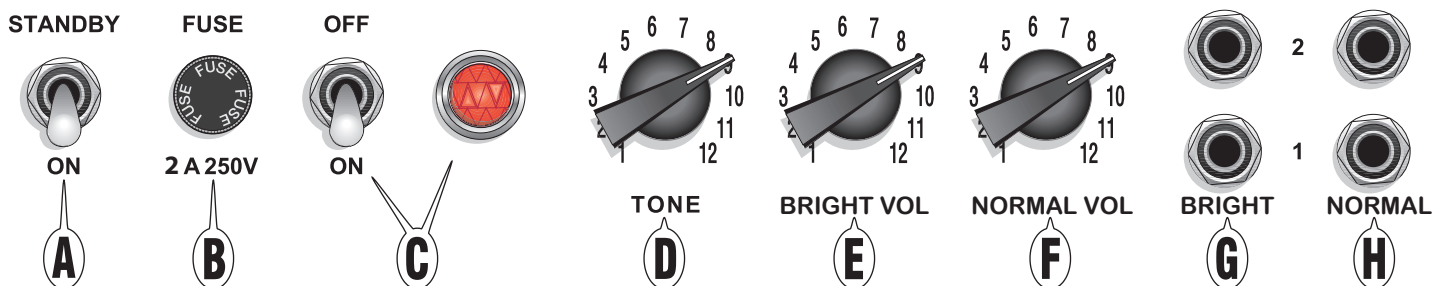
Enjoy!

### Features include:

- Hand-wired all-tube circuitry on turret board.
- Late 1950s 5E3 circuit produces about 14 Watts.
- Mic and Instrument channels with individual volume controls.
- 12" Alnico-magnet speaker as used in the original.
- Matched pair of 6V6GT-STR output tubes.
- 5Y3 rectifier tube helps provide natural compression or "sag."
- One high-gain 12AX7 preamp tube, and one 12AY7 for the original '50s lower-gain sound of which may be substituted with a 12AX7 for a high-gain sound if desired.
- Finger-joined solid Pine cabinet resonates with a warm, woody tone.
- Genuine Lacquered Tweed covering topped off with vintage brown/gold grille cloth and leather strap handle.
- Designed and built in Apache Junction, AZ, USA.

Limited Lifetime Warranty (US and Canada, other territories may vary)

### Control Panel



**A. STANDBY**—When the amplifier is on, Standby will mute all audio output from the unit.

• Use Standby during short breaks to avoid the tube warm-up delay upon returning to play.

• Select Standby for the first 60 seconds when switching the amplifier on to extend the life of the tubes.

**B. FUSE**—Protects the unit from electrical faults. Replace a blown fuse only with the type and rating specified on the top panel of your amplifier.

**C. POWER SWITCH**—Turns the unit on-off as indicated by the power jewel. When this switch is off, the amplifier is completely shut down.

**D. TONE**—Adjusts the tone characteristics of the amplifier.

**E. INSTRUMENT VOLUME**—Adjusts the loudness of the Inst. {G} inputs.

**F. MICROPHONE VOLUME**—Adjusts the loudness of the Mic. {H} inputs.

**G. INSTRUMENT INPUTS**—Plug in connections for your guitar. Use input 1 (full sensitivity) with most guitars. Use input 2 (–6dB) with high-output/pre-amplified instruments or for a darker tone. The Instrument channel provides more treble response than the Microphone channel.

**H. MICROPHONE INPUTS**—Plug in connections for your microphone or guitar. Use input 1 (full sensitivity) with most microphones and guitars. Use input 2 (–6dB) with high-output/pre-amplified instruments or for a darker tone.

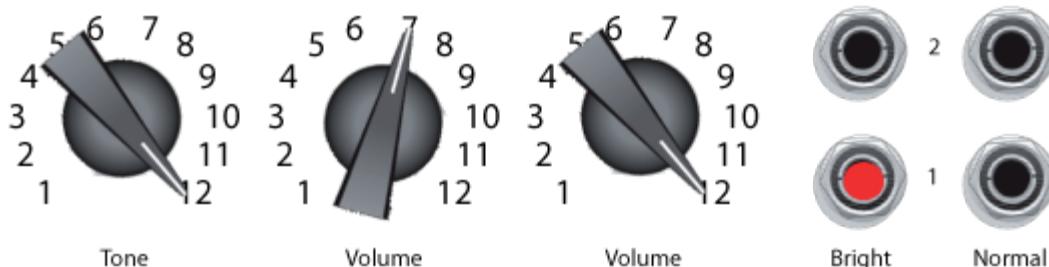


## Basic settings to get you going!

Here are some basic settings to get started. The two channels of the 5E3 circuit interact with each other even if you are only plugged into one channel. If plugged into one Channel, turning up the other channel will increase the appart bass response overall. Turning one channel all the way up, will make the other channel less overdriven throughout its travel untill about 11. The second input on each channel will have a slightly lower gain thasn the first input. This good for guitars with loud humbucking pickups, or using your favorite pedals in front of the input.

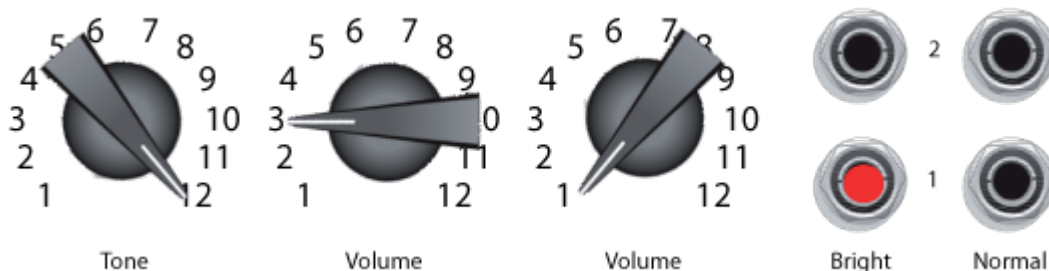
### Clean 1

The cleanest tones with a slightly lower volume.  
Tone to taste.



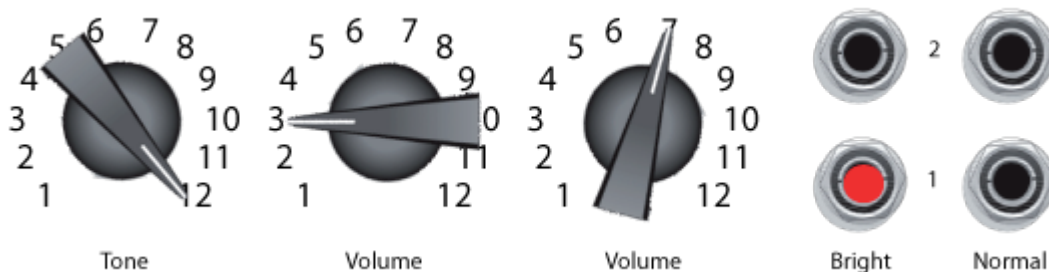
### Clean 2

Cleanest tones with full volume.  
Tone to taste



### Clean 3

Adjust Volume Two to get more Bass for a fuller sound. 7 is my personal favorite.  
Tone to taste.

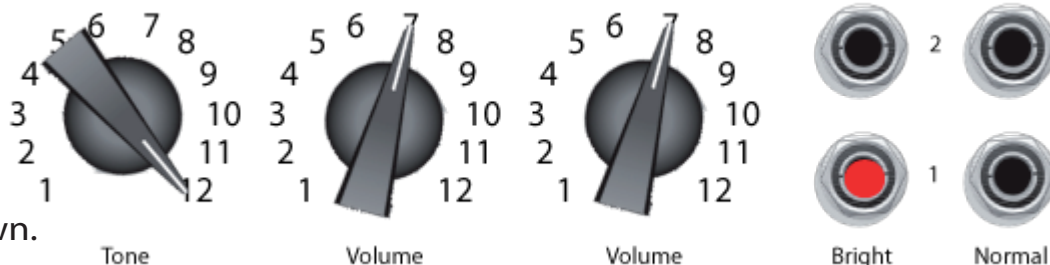




# More settings to get you going!

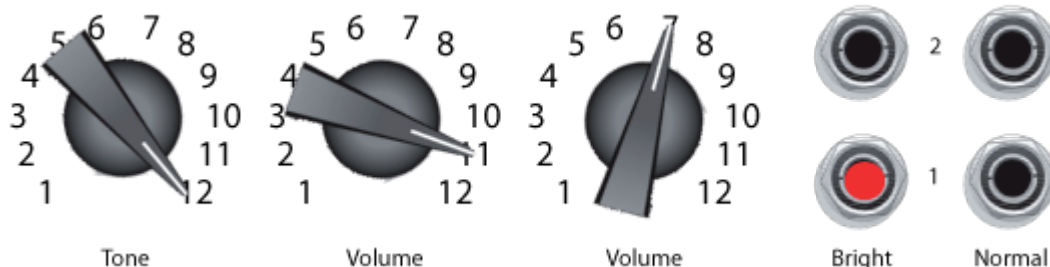
## Overdrive 1

Great overdrive tone with good bass response and cleans up well by just rolling your guitar volume down. Tone to taste.



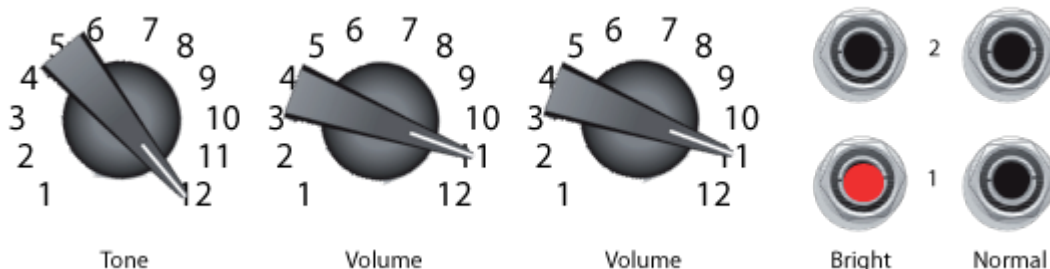
## Overdrive 2

Heavier overdrive with a tight bass response. Tone to taste.



## Overdrive 3

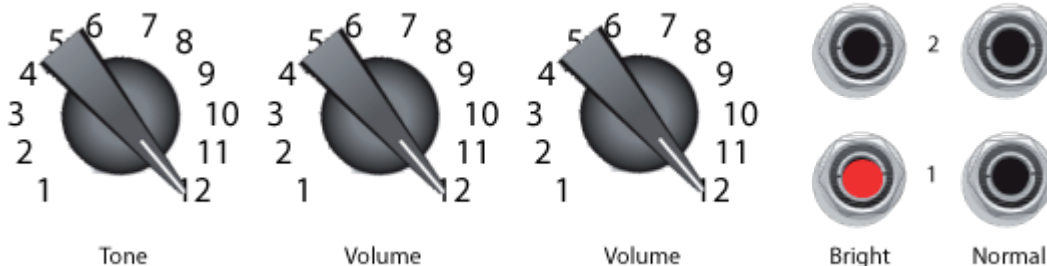
Very heavy overdrive with a more loose and spongy bass response. The most overdrive before compression. Tone to taste.



# More settings to get you going!

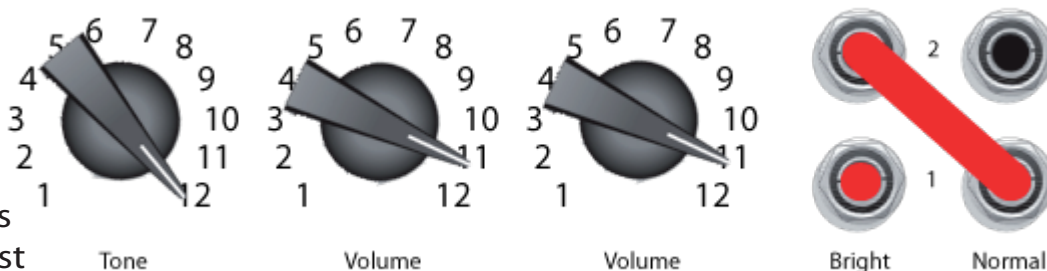
## Squish!

Very heavy overdrive with a Squishy compression the harder you play. Guitar Volume Knob is your best friend here. Tone to taste.

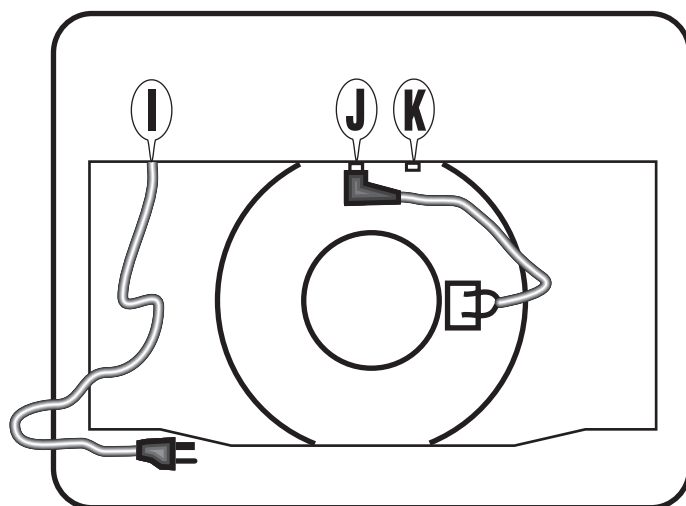


## Jumpered

The most overdrive to be found. Tighter channel interaction and slightly more responsive. Once again, your guitars volume knob is your best friend here. Tone to taste.



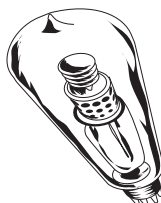
## Rear Panel



- I. ELECTRIC LINE CORD**—Connect to a grounded A/C outlet in accordance with the voltage and frequency ratings specified for your amplifier.
- J. INTERNAL SPEAKER JACK**—Plug-in connection for the 8Ω internal speaker. A speaker must always be connected at this jack when the amplifier is ON. A speaker impedance load of 8Ω should be used to avoid distortion or damage to the amplifier.
- K. EXTENSION SPEAKER OUTPUT**—Plug-in connection for an external speaker. This jack is wired in parallel with the INTERNAL SPEAKER JACK {J} and affects the speaker impedance load. Use 8Ω minimum total.

### Vacuum Tubes

Replace tubes only with same type and rating as specified.



Tube locations left to right at rear:

5	6	6	12	12
Y	V	V	A	A
3	6	6	X	Y
GT	GT	GT	7	7
			A	A*

\*For original low-gain 1957 sound. Substitute a 12AX7 for a higher gain sound.

## Specifications

<b>POWER REQUIREMENT:</b>	85 W
<b>INPUT IMPEDANCE:</b>	Microphone 1 and Instrument 1: 1MΩ Microphone 2 and Instrument 2: 136kΩ
<b>OUTPUT IMPEDANCE:</b>	8Ω
<b>POWER AMP OUTPUT:</b>	14W into 8Ω @ < 5% THD, 1kHz
<b>SPEAKER:</b>	8Ω, 12", AlNiCo Speaker
<b>DIMENSIONS:</b>	<b>HEIGHT:</b> 16.75 in (43 cm) <b>WIDTH:</b> 20 in (51 cm) <b>DEPTH:</b> 9.5 in (24cm)
<b>WEIGHT:</b>	28 lb (12.7 kg)

Product specifications are subject to change without notice.