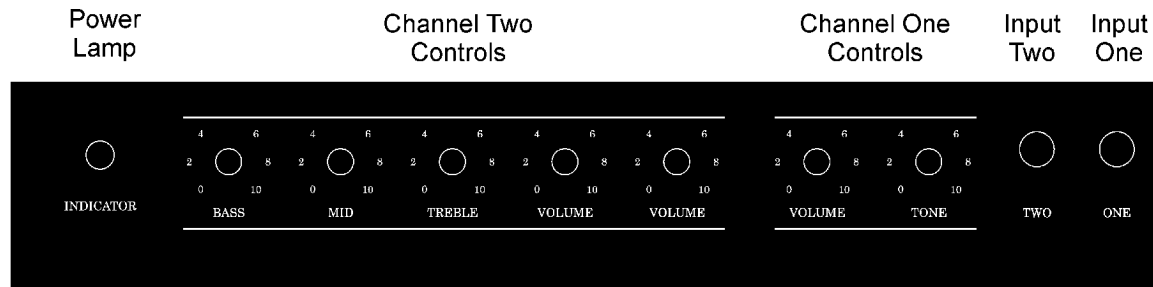


IRON SOUNDS AMPLIFICATION

The Iron Sounds 18 watt JA-TMB is an EL-84 based, Two-Channel tube guitar amplifier designed to produce classic “British” clean and overdriven tones at stage volumes. It uses (3) 12-AX7 preamp tubes and (2) EL-84 Power tubes. A tube chart is located on the back panel of the amplifier to help you identify their locations.

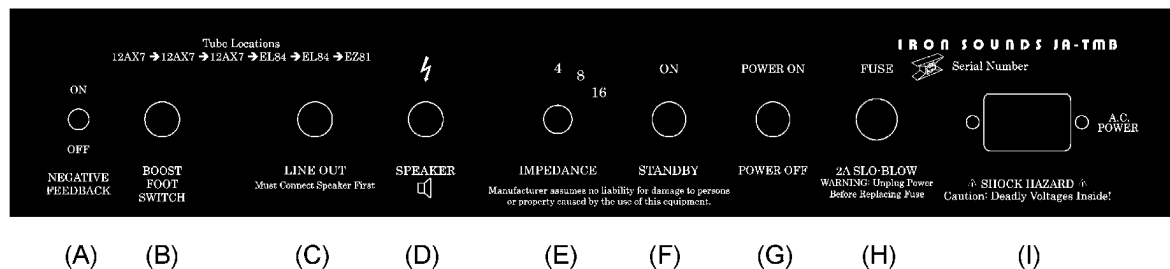
Note: This model does not use the EZ-81 rectifier tube; the socket is plugged from the factory.

Amplifier Overview and Features



Channel One – We consider this channel to be the “Pure” channel, as it only contains a volume and a tone control. This channel is capable of producing moderate gain, and is desirable for those who play blues to classic rock.

Channel Two – This channel contains two volume controls, each of which is used to ‘blend’ two separate gain stages together to produce a variety of tones. Neither is a “Master Volume”. Treble, Mid and Bass controls are also provided for further tone shaping. This channel is capable of producing High Gain and early 1980’s British Heavy Metal tones.



(A) Negative Feedback Switch – This feature works with both channels. Engaging this switch to the “on” position will tighten the sound of the amplifier by increasing the bass and high frequencies.

(B) Gain Boost Footswitch – This feature works with Channel Two only. Engaging a simple on/off footswitch (not included) will increase your gain and volume giving an overall “Boost” to the sound of the amp. This is useful for solo’s when the user needs a bit more bite. It can also be left “always on” for further tone shaping.

(C) Line Out – This feature allows you to connect the output of the amplifier into another amp, or into a mixing console. However, the speaker cannot be disconnected when using this feature, although you may use a “load box” or an “attenuator” to silence it. Since the overdriven tone of the EL-84’s is part of the Line Out signal, you can use it send to another amplifier to increase your overall volume. Another way to use this feature is to send the line out signal to the input of a delay pedal or delay unit, and then sending its output to another amp. This is what is known as a Wet/Dry setup, where you have an amplifier with no effects and another amplifier with effects. This technique was used by Jimmy Page of Led Zeppelin and countless other acts during the 1960’s and 70’s.

(D) Speaker – Always be sure to have a speaker connected to the amplifier before applying power to it.

(E) Impedance Selector – This feature allows you to select the impedance of the speaker cabinet that you are using. You may use the 4ohm, 8ohm and 16ohm setting to mate the amplifier to a variety of different cabinets.

(F) Standby Switch– When first applying power to the amplifier, keep this switch in the standby position. After allowing the tubes to warm up for 30 seconds, you may then move this switch to the “On” position. When turning the amplifier off, leave the switch in the “On” position.

(G) Power Switch– This is the main power switch for the amplifier.

(H) Fuse – *ALWAYS UNPLUG THE AMPLIFIER BEFORE REPLACING THE FUSE.* The JA –TMB is equipped with a 2 Amp, ACG slow-blow glass fuse to protect the amplifier if any accidents should occur. Additionally, we have protected the PCB against sudden damage in case the amplifier is powered on without a speaker. However, if this condition occurs, immediately turn the amplifier off or plug a speaker into the speaker jack.

(I) Power Connector – Insert a standard IEC power cord into this socket.

Limited Warranty and Service

All Iron Sounds amplifiers are guaranteed to be free of defects for (1) One Year from the date of purchase. This does not include the tubes, or damage inflicted to the amplifier by abuse or misuse.

If you should experience any problems with the amplifier, please contact us at:

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