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THE JIM KELLEY

SINGLE-CHANNEL MODEL

Limited Edition

USER GUIDE



THE JIM KELLEY AMPLIFIER

The Jim Kelley Single-Channel Model is a 60 watt all-tube amplifier designed to retain your guitar's natural tonal characteristics. It delivers a broad range of punchy, high powered clean and smooth dynamic overdrive tones. The Single-Channel model features a versatile pre-amp/power amp circuit, active shelving tone controls, four 6V6 output tubes and reverb.



Power Selector Switch:

The power select switch offers the following three-positions:

30 Watts: Amplifier operates at half power. *NOTE: Middle two 6V6 tubes are active.*

OFF: Power is switched off

60 Watts: Amplifier operates at full power

NOTE: In 30-watt position, only the middle two 6V6 output tubes are being used.



INPUTS

HI: Use this input for guitars with passive or high impedance pickups.

LO: Use this input for guitars with active or low impedance pickups.



TONE CONTROLS

Gain: Operates as an overdrive and a volume control. Responsible for adding harmonic sustain, richness and depth at higher Gain settings.

Presence: Located on the Gain control, this adds high frequencies by alternating the power section's negative feedback.
(Pull Gain)

Treble: Adjusts the boost and cut of treble frequencies. When control is set to "5", treble response is considered flat.

Bright: Located on the Treble control, this provides an additional boost of treble for a glassy edge to your sound.
(Pull Treble)

Bass: Adjusts the boost and cut of bass frequencies. When control is set to "5", treble response is considered flat.

Mid-Boost: Located on the Bass control, this adds thickness and sustain for "fattening up" lead tones.
(Pull Bass)

Reverb: Adjusts the amount of reverb effect that is added to the original signal. Turning the knob fully clockwise will provide the maximum reverb effect.

Boost:
(Located on Back)

Provides a Post-EQ boost in gain to the output section for more saturation while leaving the pre-amp clean and punchy.

NOTE: Boost function requires a latching on/off foot switch to activate.

Stand-By:
(Located On the Back)

With the Power switch in the OFF position and the Standby switch in the Standby position, flip the power switch to ON. Wait sixty seconds, then flip the Standby switch to the ON position*. To power down, switch the power switch to the OFF position.

*This will extend tube life.

NOTE: To avoid loud popping or damage, ensure the amplifier is in the Standby position.

Tubes:

The Single Channel tube compliment consists of four 6V6 power tubes, three 12AX7 and one 12AT7 preamp tubes.





Speaker Outputs

The Single-Channel has two loudspeaker outputs and utilizes a custom built output transformer and has two loudspeaker outputs (one 8Ω and one 4Ω) to interface with a variety of speaker cabinet options.

Optimum Speaker Load Impedances

60 Watts (switch to the right)

8Ω output into 8Ω speaker cabinet

4Ω output into 4Ω speaker cabinet

30 Watts (switch to the left)

8Ω output into 16Ω speaker cabinet

4Ω output into 8Ω speaker cabinet

IMPORTANT: To avoid damage to your amplifier, do not operate without a speaker or suitable load.

Tube Reference Chart:

V1 - 12AX7A/7025 Pre-amp

V2 - 12AT7 Reverb

V3 - 12AX7A/7025 Reverb recovery amp and mixer amp

V4 - 12AX7A/7025 Phase Inverter/Driver

V6-V9 - 6V6 Power Tubes

SAMPLE SETTINGS

CLEAN & PUNCHY: Gain: 3, Presence On, Treble: 3, Bright Off, Bass: 6, Mid-Boost: Off, Reverb: 4, Power: 60w



CRUNCH: Gain: 5.5, Presence On, Treble: 3, Bright Off, Bass: 4.5, Mid-Boost: Off, Reverb: 0, Power: 30w



LEAD: Gain: 8, Presence On, Treble: 3, Bright On, Bass: 3, Mid-Boost: On, Reverb: 0, Power: 30w



SPECIFICATIONS:

Output: 30/60 watts

Tubes: 4-6V6 & 5-12AX7

Fuse: 3 Amp Slo-Blo

Speaker: EVM-12L

Front Panel: Inputs, Gain, Treble, Bass, Reverb, Power Select and Power Indicator

Back Panel: Mains Inlet, Standby, Speaker Outputs,
Reverb (send and return) and Boost jack.

Options:

Single Channel Head (Black Tolex)

Power Attenuator

Power Attenuator Activation Switch

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JST warrants for lifetime from date of purchase by the initial retail purchaser that this product shall be free from defects in workmanship. Electronic components such as capacitors, resistors, filters, transformers, jacks, and pots are covered for 5 years. Any parts determined defective by JST within the five (5) year term shall be repaired or replaced by JST without charge for parts and labor provided the unit is returned, transportation costs prepaid, to JS Technologies, Inc., 601 Crane Street., Unit A & B, Lake Elsinore, CA 92530, or to such facility authorized by JST. JST will pay shipping costs to return the unit to its owner. Defects in workmanship will be determined by JST for limited lifetime coverage.

This warranty does not cover damage caused by accident, misuse, abuse, neglect, unauthorized or improperly performed repairs, alterations, and/or wear and tear occasioned by use of the product, and does not include any expense for inconvenience or loss of use while the product is being repaired or replaced. JST expressly disclaims any liability for consequential damaged arising from the sale, use, or inability to use the product. Any warranty implied by law, including any warranty of merchantability or fitness, is expressly limited to the one (5) year warranty term for the parts on our amplifiers and electronic products. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Workmanship lifetime warranty is limited strictly to the original retailer purchaser of the instrument registered with JST within 10 days of purchase from an authorized JST dealer or distributor. JST will pay shipping costs to return the unit to its owner within the mainland U.S.

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