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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.



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



