



Lil' Elvis Users Manual

Lil' Elvis Guitar Amplifier

Congratulations on your purchase of the Lil' Elvis!

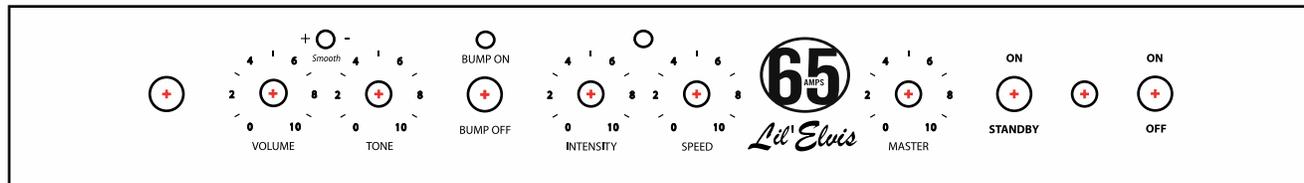
Lil' Elvis is a breakthrough amplifier rooted in some lost designs from the early '60s' best designer. Based on a 2xEL84 power section, 12AX7 front end and a clean output of 12 Watts. The authority and vocabulary of this little amp are truly surprising and inspiring. One will never feel that he's playing a small amplifier at all. With the feel of a mini-4x12 rig, Lil' Elvis is truly a pleasure for the rock, country, jazz, R&B and hard rockers alike. In addition to a truly astonishing vocabulary, touch

response and harmonic content, Lil' Elvis has 65's 'Master Voltage'[™]. Our Master Voltage is a large leap forward in power technology. Not a scaling schema, attenuator or master volume, the Master Voltage keeps the entire vocabulary, authority, and responses down to 2 or 3 watts. This feature makes Lil' Elvis an outstanding recording, small club or large stage amp especially when in-ear monitors are required for your gig.

*****READ BEFORE USING AMP FOR THE FIRST TIME*****

CAUTION - FOR U.S. OPERATION, SET AC VOLTAGE SELECTOR FOR 120 VOLTS ONLY!

65amps LIL' ELVIS FRONT PANEL



Tubes:

The Lil' Elvis tube complement consists of six tubes: three 12AX7 preamp tubes, two EL84 output tubes, and one EZ81 rectifier.

Tone controls:

The Tone control is a passive cut-style. We recommend starting at "10" and backing off. With brighter single-coil guitars, the mid's will focus really well with the TONE set back around "5 to 8".

Smooth Switch:

The Smooth switch removes crossover distortion for a smoother tone. This is most useful at higher volumes. Flip it on when the amp is revved up and it removes the fizziness that comes along with crossover distortion. Your mic will notice it before your ears will, so it's perfect for use while recording.

Bump Control

The Bump™ control is a much more effective alternative to traditional channel switching. The Bump™ allows the user gain-up and re-slope the amp's tone stack allowing much more midrange to flow through the circuit; thereby gaining up the entire amp naturally and not inducing false preamp gain that creates fizz and buzz. The end result is the effect of having two amps in one.

Speed & Intensity:

These two knobs control the speed and depth of the Bias Tremolo, which modulates the level both up and down but, unlike traditional designs, also incorporates some clever circuitry that always allows the

attack of a new chord or note to pass through at its normal level, regardless of where the tremolo oscillator is in its cycle.

Master Voltage

Our master voltage emulates the tonal response of a big amp only at low volumes. The "Master Voltage"™ knob reduces the B+ voltage and output in the amp in a unique way that keeps the internal tube relationships perfect while keeping the filament voltage up. After seeing all other power schemes' shortcomings, we've come at this from a different angle and we're very pleased with the results. You can dial this amp down to 3 watts output WITHOUT losing tone, feel, vocabulary, authority, etc.

ON/Standby - Best to turn the POWER switch on first before the Standby and wait about 10 seconds before turning Standby on. This will prolong tube life. When turning the amp off, turn POWER switch off first. This allows the power to drain out of the amp circuit. You can turn off the Standby switch later before turning the amp back on.

Register Your Amp

and join our mailing list at:

<http://65amps.com/reg.html>

65amps LIL' ELVIS REAR PANEL



FX Loop - The passive effects loop comes out on a pair of jacks, allowing the user's own effects to be added after the preamp stage.

CHANNEL FTSW - This allows you to change channels.

SPEAKER OUTPUTS - Two speaker outputs in parallel.

IMPEDANCE - All 65 212-Combos and Extension Cabinets are wired for 16-ohms (two 8-ohm speakers in series). If using two 16-ohm cabinets, set IMPEDANCE to 8-ohms. Always be sure to match the impedance of this amplifier with the impedance of the speaker cabinet you are using.

H.T. (High Tension) FUSE - (500mA Slo-Blow) This fuse is in line with the DC voltage in the amp. When the H.T. FUSE blows, it is typically a sign of a bad power tube.

A.C. FUSE - (2A/250V Slo Blow) This fuse is connected to the AC primary side of the Power Transformer. CAUTION - Never use a fuse with a higher amperage rating.

Specifications:

Output: 12 Watts

Tubes: Three 12AX7 preamp tubes, two EL84 output tubes, one EZ81 rectifier

Combo speakers: 1x12' Celestion G12H30

Panel controls: Volume, Smooth switch, Tone, Bump switch, Intensity, Speed, Master

Extras: Series effects loop, two-button footswitch jack, dual speaker outs, switch for 8Ω & 16Ω impedance

Cabinet: Finger-jointed Baltic birch

Dimensions: Head: 24.75' W x 8.5' D x 10.5' H; Combo: 25' W x 10' D x 19.75' H

Weight in box: Head: 29 lbs, Combo: 57 lbs

Accessories: Footswitch included

Pair with cabinet:

Speakers: 1x12' Celestion G12H30

Dimensions: 25" W x 10" D x 19.75" H

Weight in box: 47 lbs

IMPORTANT: We recommend a qualified technician for retubing. All tubes use the same size socket, but have very different wiring configurations and voltages. Placing the wrong tube in the wrong socket can cause damage to the amplifier and tube.

PLEASE READ THE FOLLOWING WARNINGS AND USER ADVICE!

- Always make sure the AC Voltage Selector is set for the proper voltage (120 volts in the U.S.) before turning on the amplifier!
- Always make sure the amplifier is grounded! (3-prong connector - no ground lifts).
- Use only a high quality grounded 3-prong AC power cable with this unit. Always look for breaks or exposed wire and replace if defective.
- Never remove the chassis from the cabinet! The amplifier will store high voltages long after the amp has been turned off and disconnected from the AC. Changing tubes does not require any internal adjustments. Refer all service to a qualified technician.
- Do not expose to excessive humidity, direct sunlight or extreme high or low temperatures. Be certain there is adequate ventilation around the amplifier. Never expose to liquids or excessive dust.

More info at www.65amps.com