



Producer User Manual

The Producer Guitar Amplifier

Congratulations on your purchase of the Producer!

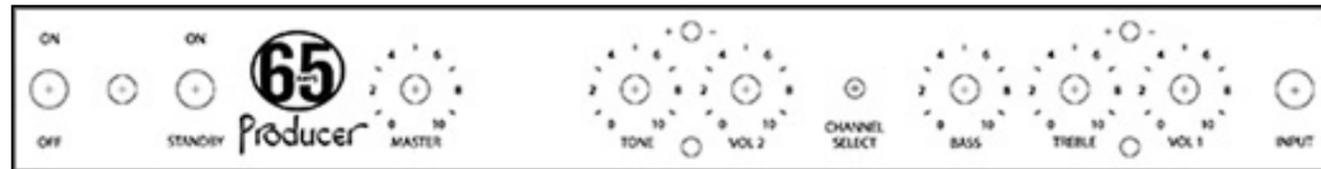
The Producer solves the age-old conundrum of how to make modern tubes deliver classic tube warmth consistently and reliably. We've discovered that copying old circuits is more and more dangerous due to the fact that old circuits were designed around tubes that could take the voltage, and modern tubes just can't. So we've come up with our own, unique solution. In fact, we don't just make modern tubes sound as good as old tubes. We make them sound even better.

The Producer runs its pair of EL34's in an extremely safe and unconventional way. With help from Mercury Magnetics, we've developed a unique transformer and circuitry that allows EL34s to produce great tone in such a way that they last for an extremely long time – we're talking decades. Aside from eliminating costly re-tubing, this new approach simply delivers both an outstanding classic distortion, and a fantastic clean tone.

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

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

65amps PRODUCER FRONT PANEL



Tubes:

The Producer tube complement consists of two EL34 tubes and 12AX7 preamp tubes.

Channels:

The Producer has two channels, each with an independent 65amps Bump control, totaling to four voices that are all accessible through a standard 2-button foot-switch.

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.

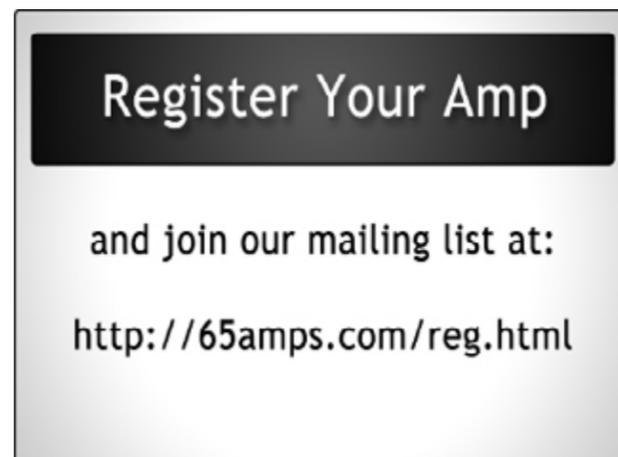
Tone controls:

The Tone control for the channel is 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".

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.

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.



65amps PRODUCER REAR PANEL



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-Blo) 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 Blo) 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: 28 Watts

Tubes: Power - 2 EL34s, Preamp - 12AX7

Front panel controls: ON/OFF, Standby, Master Voltage, Tone, Volume 2, Channel Switch, Bass, Treble, Volume 1, Bump Switch (one for each channel).

Extras: Footswitch input jack, dual speaker outs, switch for 8Ω & 16Ω impedance

Cabinet: Finger-jointed Baltic birch

Dimensions: Head: 25" L x 9" D x 11" H / 26.4 lbs.

Weight in box: Head: 41 lbs.

Accessories: Footswitch included

Pair with cabinet:

Speakers: 4x12' 2 x Celestion G12H30 plus 2 x Celestion AlNiCo Blues or Golds; or 2x12' Celestion G12H30 + AlNiCo blue (our recommended configuration) or Celestion G12H30 + AlNiCo gold

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