



London pro Users Manual

London Pro Guitar Amplifier

Congratulations on your purchase of the new London Pro!

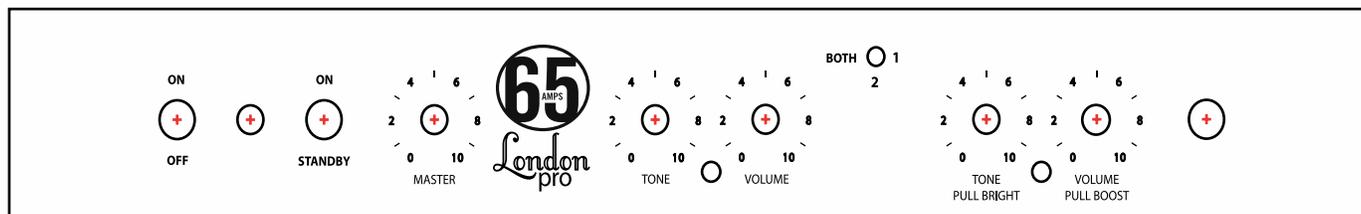
The London Pro exemplifies pure 65amps no-compromise quality and tone, handmade in the USA at a price that's back of the van worthy. The low-powered but extremely toneful London Pro tube amp takes advantage of 65amps' renowned expertise in small amps with big feel and tone. Featuring Streamlined styling with meticulous construction,

the London Pro is extremely versatile. Powered by 2xEL84s, the 18-Watt tube rectified London Pro offers two distinct channels, the EF86 Colour Channel and the 12AX7 Channel. New on the London Pro, these two channels can be combined for a third, high-gain option.

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

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

65amps LONDON PRO FRONT PANEL



Tubes:

The London Pro tube complement consists of 2xEL84s.

Channels:

The London Pro offers two distinct channels, the EF86 Colour Channel and the 12AX7 Channel. New on the London Pro, these two channels can be combined for a third, high-gain option using the Both switch. When the channels are combined, the volume and tone knobs on each distinct channel now control the gain and tone for just the tubes on the channel they are assigned, allowing extreme tonal versatility. All channels can be controlled by the included footswitch.

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.

Master Voltage

Our master voltage emulates the tonal response of a big amp only at low volumes. The "Master Voltage"TM 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 and Volume:

The Tone and Volume controls on the left apply to Channel 1.

Tone Pull Bright and Volume Pull Boost:

These two dual function knobs apply to Channel 2 and allow you brighten up the tone and give your gain a boost when used in the pull position. In the push position, the Tone control works similarly to our other amps and 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".

Register Your Amp

and join our mailing list at:

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

65amps LONDON PRO 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: 18 Watts

Tubes: 2xEL84, 1xEF86, 1x12AX7, tube rectified

Combo speakers: 2x12 or 1x12" Celestion G12H30

Panel controls: On/Off, On/Standby, Master Voltage knob,

Tone and Volume for EF86 Colour Channel, Tone and Volume for 12AX7 channel, Colour knob

Extras: Two-button footswitch jack, dual speaker outs, switch for 8 Ω & 16 Ω impedance

Cabinet: Void free Baltic birch

Dimensions: Head: 24.75" W x 8.5" D x 10.5" H; Combo:

1x12 25" W x 10" D x 19.75" H

Accessories: Footswitch included

Pair with Red Line cabinet:

Speakers: 2x12" or 1x12" Celestion G12H30

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