



O W N E R ' S M A N U A L

REBOP

IMPORTANT SAFETY INSTRUCTIONS

- PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND KEEP FOR FUTURE REFERENCE.
- ALWAYS USE THE SUPPLIED MAINS LEAD WHICH IS COMPATIBLE WITH THE MAINS VOLTAGE SUPPLY IN YOUR AREA. MAINS LEADS SHOULD BE HANDLED WITH CARE AND REPLACED IF DAMAGED.
- THIS EQUIPMENT MUST BE EARTHED. NEVER DISCONNECT THE PROTECTIVE MAINS EARTH CONNECTION.
- DO NOT SWITCH THE AMPLIFIER ON WITHOUT A LOUDSPEAKER CONNECTED, FAILURE TO DO SO COULD RESULT IN DAMAGE TO THE AMPLIFIER AND POSSIBLE ELECTRIC SHOCK.
- NEVER ATTEMPT TO BYPASS THE FUSES OR FIT FUSES OF AN INCORRECT VALUE. ALWAYS DISCONNECT THE MAINS SUPPLY BEFORE REPLACING FUSES.
- DO NOT ATTEMPT TO REMOVE THE CHASSIS, THERE ARE NO USER SERVICEABLE PARTS AND HIGH VOLTAGES MAY STILL BE PRESENT EVEN WITH THE AMPLIFIER UNPLUGGED FROM THE MAINS SUPPLY.
- REFER ALL SERVICING TO QUALIFIED PERSONNEL. SERVICING IS REQUIRED WHEN THE AMPLIFIER HAS BEEN DAMAGED IN ANY WAY SUCH AS WHEN THE POWER SUPPLY LEAD OR PLUG IS DAMAGED, LIQUID HAS BEEN SPILLED OR OBJECTS HAVE FALLEN INTO THE AMPLIFIER, THE AMPLIFIER HAS BEEN EXPOSED TO RAIN OR MOISTURE, DOES NOT OPERATE NORMALLY OR HAS BEEN DROPPED.
- NEVER USE AN AMPLIFIER IN DAMP OR WET CONDITIONS. NO OBJECTS FILLED WITH LIQUIDS SHOULD BE PLACED ON THE AMPLIFIER.
- DO NOT OPERATE NEAR HEAT SOURCES NOR OBSTRUCT VENTILATION GRILLES. ALWAYS ENSURE FREE MOVEMENT OF AIR AROUND THE AMPLIFIER.
- ALWAYS UNPLUG THE AMPLIFIER DURING LIGHTNING STORMS OR IF UNUSED FOR LONG PERIODS OF TIME.
- AVOID CONTACT WITH HEATED VALVES.
- CLEAN THE EXTERIOR ONLY WITH A DRY CLOTH.
- EXPOSURE TO HIGH SOUND PRESSURE LEVELS MAY CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF THE AMPLIFIER IS OPERATED CONTINUOUSLY AT HIGH VOLUME.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATION AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE PRODUCT.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED 'DANGEROUS VOLTAGE' WITHIN THE PRODUCT'S ENCLOSURE THAT MAYBE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.

**READ AND FOLLOW ALL INSTRUCTIONS
HEED ALL WARNINGS**

INTRODUCTION

Thank you for choosing a REBOP professional guitar amplifier. The ATOM is a precision engineered, all-valve combination amp that is hand-built using only the finest available components. Great for home use, recording or intimate gigs, the single-ended Class A design has an output of 11 watts RMS and is equipped with an Eminence SC64 loudspeaker to deliver an outstanding range of clean and overdriven sounds.

The preamp section features Volume - with footswitchable Boost mode, Treble - with frequency Shift, Middle and Bass controls. A valve driven Reverb circuit, which utilises an Accutronics long-spring tank, is also provided.

The power amplifier employs a single EL34 pentode, cathode biased for unparalleled tone and dynamic response, and a Contour control which determines the output stage gain and loudspeaker damping factor.

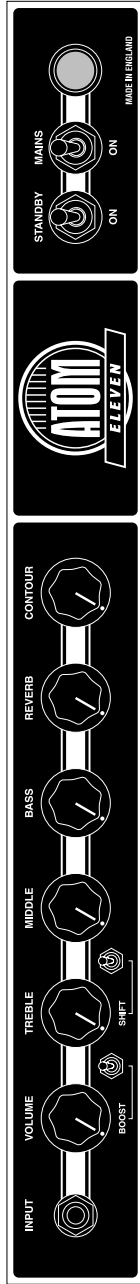
No compromises have been made in the production of your new amplifier, REBOP chassis are box formed and welded from heavy duty sheet steel and powder coated for corrosion protection. Electronic components are hand assembled on a glass-epoxy turret board with flying lead connections to chassis mounted valve sockets and controls. Cabinets are fashioned from the finest birch plywood with rebated joints for ultimate durability and covered with hard wearing vinyl for long lasting good looks.

In order to thoroughly understand the operation and features of your new amplifier, please study this manual carefully. Your selection of a REBOP amplifier will be rewarded with many years of trouble free operation and enjoyment.

GETTING STARTED

1. Having unpacked your amplifier, please retain the original shipping carton for possible future use.
2. Check the internal loudspeaker is connected to the 8 ohm speaker socket. Refer to the SPEAKER OUTPUT section of this manual if you intend to use a separate speaker cabinet.
3. Connect the F2 footswitch (optional).
4. Having verified that the amplifier is compatible with your mains electricity supply, connect the supplied mains lead to the MAINS INPUT on the rear panel.
5. Set the VOLUME control to minimum.
6. Plug in your guitar.
7. To switch the amplifier ON, toggle the MAINS switch to the ON position and, after a minimum warm-up period of 30 seconds, activate the STANDBY switch.
8. Your REBOP amplifier is now ready to play.
9. To switch the amplifier OFF, first deactivate the STANDBY switch followed by the MAINS switch.

FRONT PANEL FEATURES



INPUT

Plug in your guitar here. Always use a high quality, low capacitance screened cable.

VOLUME

Controls both the preamp gain and output level of the amplifier. Lower settings produce a clean tone that is bright and dynamic. As the **VOLUME** is increased the tone becomes darker and more overdriven.

BOOST

The **BOOST** mode offers an additional 6dB of preamp gain. The circuit revoices the preamp while attenuating the **REVERB** level to ensure a tight overdriven tone. The **BOOST** mode may also be activated using the supplied footswitch.

NOTE: THE PANEL SWITCH WILL BE DISABLED WHEN THE FOOTSWITCH IS CONNECTED.

TREBLE

Provides high frequency equalisation. Turn the control clockwise for a brighter tone.

SHIFT

Increases the upper midrange gain by extending the frequency range of the **TREBLE** control.

MIDDLE

Controls the midrange response. Turn the control clockwise for a tight, punchy tone. Lower settings will 'scoop' the mids which results in a slightly compressed feel with a moderate low frequency emphasis.

BASS

Provides low frequency equalisation. Turn the control clockwise for a deeper tone. When playing at high volume or using distortion, a low bass setting will generally produce a more balanced sound.

REVERB

Sets the **REVERB** level that will be mixed with the dry guitar signal. **REVERB** is off when the control is set to minimum (fully anti-clockwise).

CONTOUR

A wide ranging circuit that controls the power amp gain and how closely the loudspeaker tracks the output waveform. Low **CONTOUR** settings will produce the cleanest tones and tightest speaker response. Clockwise rotation increases the power amp midband gain and imparts a looser feel and much rawer tone.

STANDBY SWITCH

Switches the HT (high tension) voltage to operate the amplifier.

MAINS SWITCH

Switches the incoming AC mains supply.

INDICATOR LAMP

Illuminates when the **MAINS** switch is in the **ON** position.

LIMITED WARRANTY

REBOP amplifiers are guaranteed to be free of defective materials and workmanship for a period of two (2) years from the original date of purchase. Valves and loudspeakers are guaranteed for a period of ninety (90) days. Defective products that qualify under this warranty will be repaired or replaced, at the manufacturer's discretion, without charge. This warranty is extended to the original purchaser only and is non-transferable.

To receive warranty service, the product must be returned to the dealer from whom it was purchased or, if the product was purchased direct, shipped carriage prepaid to our service facility. Before returning a product to us, please submit your service request at www.rebopengineering.com/warranty

This warranty remains valid only if the serial number has not been defaced or removed. It does not cover damage due to accident, misuse, modification, incorrect voltage application or if the product has been repaired or serviced by persons not authorised by the manufacturer. REBOP ENGINEERING retain the exclusive right to make such determination on the basis of factory inspection.

REBOP ENGINEERING ASSUMES NO LIABILITY FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, THAT MAY RESULT FROM THE USE OF OR THE INABILITY TO USE THIS PRODUCT.

Please visit www.rebopengineering.com/terms-conditions to view our full Terms & Conditions of Sale.



www.rebopengineering.com

In keeping with our policy of continuous development, we reserve the right to alter specifications without notice.

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