

TUBE WORKS

OPERATION MANUAL

6125

TUBE OVERDRIVE GUITAR COMBO

FEATURES

Switchable Channels
FET/12AX7A TUBE DRIVER®
25 Watts Raw Output
Passive 3 Band EQ Section
Accutronics® 3 Spring Reverb
Classic Voiced 10" Speaker
Effects Loops
Channel Footswitch Jack
Premium Vinyl Covering

The new 6125 is a powerful, dynamic and affordable guitar combo with the warm, smooth rich tone qualities of a real 12AX7 tube. The integrated power amplifier's fully monolithic design features complete short circuit and thermal protection for high reliability under adverse conditions. The features along with the quality design and construction combine to deliver a value packed powerful combo. Many tone varieties are available with the Clean and Tube Overdrive Channels and shaped through the passive 3 band EQ. The warm, rich reverb unit helps to deliver the "big amp" tone from this little dynamo!

OPERATION

INPUT—Standard 1/4' input with an impedance of approximately 500K ohms, which we determined provides the best response from all pick-ups currently available and is the basis for the smoothness of the tonal response, consistency of sustain and an over all reduction of tone. Additionally, the precision input scaling preamp contains a 40Hz, 12db/octave high-pass filter and an "RFI" filter to eliminate bleed-through from radio interference.

CHANNEL SELECT SWITCH—This push-button switch selects between the CLEAN and TUBE-OVERDRIVE channels. This function uses noiseless dual FET switches for studio quality operation. When using a single button footswitch in the footswitch jack this button is defeated. (Footswitch not provided).

Clean Channel—This channel is constructed using a monolithic FET network for natural clean tone. The tone is natural and open, lending itself readily to any musical style. Whether playing soft or hard, the responsiveness of the clean preamp is punchy and articulate.

TUBE OVERDRIVE CHANNEL—This channel utilizes a real 12AX7A dual triode preamp tube and direct-driving the control grid using "servo-feedback" control technology.

TUBE GAIN—This control uses "loop feedback" to control the drive level to the tube over a very wide range. This allows for many subtle settings that are completely responsive to your individual playing style. Set for clean or over-drive, this preamp is warm, rich and full of natural harmonies.

TUBE VOLUME—This control sets the overall volume of this channel. The noise floor of this tube circuit is exceptionally low, even at super-high gain settings.

PASSIVE 3 BAND EQ—This passive network is a more vintage style where all settings start in the maximum position and then you cut to set the tone you desire. This is unlike active controls which exhibit a "flat" setting at the 12 o'clock positions.

REVERB—This knob controls the amount of reverb present in the output signal. We have chosen a premium 3 spring ACCUTRONICS® reverb unit with impedance matched send and receive spring transducers. The sound is full, the tail decays smoothly and clarity remains solid through the mix range. The reverb signal mixes with the Effects Return Signal so that both effects may be used simultaneously. If the on-board reverb is not desired, just turn the reverb master down to zero.

HEADPHONE JACK—Used to connect standard headphones (8-6W ohm). Inserting headphones here will turn off the 10" speaker. This is a great feature for silent practicing. This output is short circuit protected. **CAUTION**—Protect your ears!!

POWER SWITCH—Turns the AC mains power on and off, indicated by the green LED.

EFFECTS LOOP—This network provides 1/4" send/return jacks for use with outboard signal processing equipment. The SEND jack provides a nominal -10 db output signal to drive any common effects processor. This jack can also be used as an unbalanced line output. **WARNING!!! THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. ALWAYS CONSULT A QUALIFIED SERVICE AGENT FOR SERVICE.** The use and operation of this device constitutes an agreement of full release of any and all liability connected with its use. In addition, by the use of this device, user agrees to hold both GENZ BENZ ENCLOSURES, INC and it's designers, sales agents and all other affiliates and related parties harmless in the event of any accident, injury, damage or loss resulting from such use.

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