

# TUBE WORKS

## 3030

### BASS COMBO

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## OWNER'S MANUAL

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### FEATURES

- 30 WATT POWER AMP
- PASSIVE 3 BAND EQ
- PRESENCE CONTROL
- 12" LOUDSPEAKER
- EFFECTS LOOP
- HEADPHONE JACK
- ATTRACTIVE, PORTED ENCLOSURE
- METAL SPEAKER GRILL
- PREMIUM VINYL COVERING



The 3030 Bass Combo was designed to fill a need between the larger more powerful performance amps and the small "practice amps" unable to reproduce the low notes of a 5 string bass.

While geared to more discriminating player, the 2020 is ideal for the student or casual player who is concerned with sound quality and value.

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## 3030 BASS COMBO

**INPUT** — The 3030 is equipped with a standard 1/4" input. The input impedance is approximately 500k ohms, using the same scaling amp as our larger models, and is the basis for the smoothness of the tonal response, punch and low circuit noise. Additionally, the precision input scaling preamp contains a 35 Hz, 12 dB/octave high pass filter (more effective and less intrusive than the more common 6 dB filters) and an "RFI" filter (radio frequency interference) to eliminate bleed-through from those pesky DJ's and truckers.

**INPUT CHANNEL** — The 3030's input channel is constructed using a monolithic FET amplifier for a bold, crisp, fat sound. The tone is natural and open, lending itself readily to any musical style. The volume control uses "loop feed-back" style circuitry for wide dynamic range and an exceptionally low noise floor. Whether playing soft or hard, the responsiveness is punchy and articulate. The bottom end is solid, not muddy or overpowering.

**PRESENCE** — This circuit provides a gradual boost in the upper frequency range for better articulation. The enhancement begins at 2k Hz and provides an increase of approximately 10db.

**MASTER 3 BAND EQUALIZATION** — The 3030's main equalization is a classic 3-band passive equalization network. All pass (no band cut) is attained with the controls in the fully clockwise positions, unlike active controls which exhibit a "flat" setting at the 12 o'clock positions.

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

**EFFECTS SEND/RECEIVE JACKS** — The 1/4" send jack provides a nominal -10dB output signal to drive any common effects processor. This jack can also be used as an unbalanced line output. The 1/4" return jack is used to return the processed signal back into the amplifier. This jack contains a switch that automatically opens the signal loop when processing is used. The "mix" control on the effects device is now used to set the balance between the "wet" (processed only) and the "dry" (unprocessed) signals.

**HEADPHONE OUTPUT** — Used to connect standard headphones (8 - 6M ohm). Insertion of a headphone jack shuts off signal to speaker jacks, allowing private practice or studio work with a minimum of fuss and bother, not to mention noise! This output is short circuit protected.

**POWER AMPLIFIER** — The 3030 uses an integrated power operational amplifier to drive the 12" speaker. This fully monolithic design features complete short circuit and thermal protection built right into the silicon die for high reliability under adverse conditions.

**SPEAKER AND CABINET** — The 3030 uses a custom designed 12" speaker perfectly matched to the precision ported cabinet. Finished in a textured vinyl finish, the cabinet sports a clean, no nonsense look that shows that it is a serious music-making machine

**POWER INLET** — A fixed power inlet cord set is used to connect the AC mains power to the amplifier. Various voltages and cord sets are available, depending on the destination country. An internal (non-user replaceable) protection fuse is provided on the main circuit board. The Mains (line) voltage is nominal 115 volts or 230 volts AC (depending on destination country), +/- 10%. The amplifier will operate on either 50 or 60 Hz.

**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.

**TUBE WORKS**

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