

TUBE WORKS

TD-752

TD-752-ES

TUBE DRIVER AMPS

OWNER'S MANUAL

FRONT PANEL FEATURES (left to right)

TUBE DRIVE SWITCH — Selects either TUBE Channel (up), or CLEAN Channel (down). Red LED indicates Tube channel is on. Footswitch jack insertion (rear panel) cancels the operation of this switch.

CH. 1 & 2 SWITCH — When this switch is in the "up" position, both channels (Tube and Clean) may be paralleled and will be heard together when the Tube Drive switch is set to the Tube Drive position (up). With Ch. 1 & 2 switch up and Tube Drive switch set for Clean channel (down), only the clean channel will be heard. When Ch. 1 & 2 switch is in the "down" position, the Tube Drive switch will select separately between Tube and Clean channels.

INPUT JACK — Extremely wide-range input allows plenty of headroom for all types of guitars.

TUBE DRIVE — Adjusts the amount of gain that drives the tube. Careful attention has been given to produce the most overdrive/sustain possible without creating unnecessary noise and feedback.

RED LED — Indicates that the Tube Drive channel has been selected.

TUBE MASTER — Adjusts the amount of output volume from the Tube Drive Channel.

HI, MID, LO — Classic, passive 3-band E.Q. to enhance the Tube Driver's unique tonal response.

Frequencies:	Hi	3.5 KHz (upper shelving)
	MID	800 Hz (center)
	LO	150 Hz (lower shelving)

CLEAN GAIN — Adjusts gain level of clean channel. Although this channel is all FET, extremely warm tubey tonality is produced thanks to the MosValve power section. Lows are especially well-balanced.

HI, MID, LO — Identical operation and frequencies to Tube Drive channel, however the over-all baseline E.Q. has been optimized for clean and rhythm styles.

REVERB — Adjusts amount of reverb signal is mixed into the output. Reverb can be cancelled anytime by the foot-switch, or by turning the control to "0".

POWER — Supplies mains power to the amp. Be certain that the proper voltage is supplied to the amp. The proper voltage for your unit is indicated just below the fuse holder on the rear panel.

REAR PANEL FEATURES (left to right)

POWER INPUT CORD — Heavy -duty cord supplied to the requirements of your local. In USA: Connect only to 110-120 VAC, 60 Hz. Always use grounded outlet (3 terminal) to avoid operating problems and to increase safety margin.

FUSE — Use fast-blo 4 Amp for 120 VAC or 2 Amp for 220-240 VAC models. Always replace with the same type and size fuse.

SPEAKERS — Connect only to speakers. Either 2 - 8 ohm or 1 - 4 ohm speaker or cabinet combination. Combo amps: The speaker supplied is 8 ohm, enabling you to add one more extension 8 ohm speaker without damaging the amp. Minimum total impedance is 4 ohms. Lower impedance operation may eventually overheat and damage the amp voiding warranty. Any questions; please consult a qualified person, or call us at the factory.

LINE OUT — Attenuated signal from the output of the amp. All the tone of the amp, including the output is available at this jack. Potential applications: Slaving to other combo or power amplifiers and recording.

FOOTSWITCH — Stereo-type jack which switches both Channel and Reverb. Tip of the jack is Reverb; ring is Channel. Note: Electronic and MIDI switchers - Channel switch is VC positive to ground. Reverb is simple shorting.

EFFECTS SEND — Proper send level for most effects devices. Connects to the "in" or "guitar" jack of your effects. Can also be used as a D.I. (Direct Input) to a mixing console or recorder.

EFFECTS RECEIVE — Unity buffered input from effects devices. Connects to the "out" or "amp" jack of your effects. Can also be used as a direct Power Amp section input. NOTE: A common problem many encounter while using effects devices is "ground loops". A ground loop is often caused when an effects device, mixing board or tape recorder equipped with a 3-prong AC cord are connected together with audio cables. The electrical difference between the AC ground (at the AC plug) and the signal ground (audio cords) is amplified. This may result in increased hum levels and in some cases high-pitched squeals or oscillation at high gain settings of the amp. The solution is often to use the same outlet strip for all equipment rather than plugging into various separate outlets. In extreme cases it may be necessary to isolate the AC grounds. If this is attempted, consult a qualified technician to insure safety. Tube Works cannot recommend the disabling of any 3rd prong grounding plugs.

WARRANTY

Your TUBE WORKS product is warranted for a period of three years against defects in workmanship or materials in the electronic components. The speaker(s), reverb tank and cabinet (if applicable) are warranted for a period of ninety (90) days. This warranty applies only to the original registered owner provided he/she has returned a completely filled-out OWNER'S REGISTRATION CARD within fifteen (15) days of purchase. This warranty covers parts and labor only; shipping charges remain the sole responsibility of the owner. Damage due to misuse, modification or abuse is excluded from this warranty. If service is required, you must contact Genz Benz Enclosures/Tube Works for a **RETURN MERCHANDISE AUTHORIZATION NUMBER (RMA)** by calling 480-941-0705. Whenever possible please use original packaging material for all returns, this will insure that the units are not further damaged in transit.

WARNING!!!

The use and operation of this device constitutes an agreement of full release of any and all liability connected with such use. Only personnel familiar with high-power audio equipment should attempt to operate this device. In addition, by the use of this device, user agrees to hold Genz Benz Enclosures/Tube Works, its 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. Manufacturer's sole responsibility is to provide a warranty on the specified performance of the product under normal conditions for a one-year period.

TUBE WORKS

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