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## **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 the safe use and operation of high-power audio equipment should attempt to operate this device.

In addition, by the use of this device, user agrees to hold both Genz Benz/Tube Works, its designers, sales agents and all other affiliates and related parties harmless in the event of any accident, 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.

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## **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 are warranted for a period of ninety (90) days from date of purchase. This warranty applies only to the original registered owner provided he/she has returned a completed Owners 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 or failure due to misuse, modification or abuse is excluded from this warranty.*

Before returning any unit for service, a RETURNED MERCHANDISE AUTHORIZATION NUMBER (RMA#) must be obtained by calling

## **Tube Works**

a division of  
**GENZ BENZ ENCLOSURES**  
7811 E. Pierce St.  
Scottsdale, AZ 85257  
480-941-0705  
480-946-2412 FAX

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## **Tube Works**

### **7100**

### **DUAL 12**

### **Mos Valve**

### **Combo**

### **OWNERS**

### **MANUAL**

#### **IMPORTANT FEATURES**

- ◆ Dual 12" V-75 guitar speakers
- ◆ 100 Watt MosValve power section
- ◆ Real Tube Overdrive Channel
- ◆ Clean, articulate F.E.T. channel
- ◆ Traditional, classic Tube Driver E.Q.
- ◆ Channel Mix to combine channels
- ◆ Hand built and manufactured
- ◆ 3 spring ACCUTRONICS® reverb
- ◆ LED indicator footswitch included

The 7100 has been completely designed by the originator of the classic Tube Driver pedal. The same great tone endorsed by guitar greats like Joe Satriani and Eric Johnson. Familiarize yourself with the controls and features for reproducing your own great tone.

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## FRONT PANEL FEATURES

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

**MIX SWITCH** When this switch is in the “UP” position, both channels (Tube and Clean) are in parallel and will be heard together when the Tube Drive switch is set to the Tube Drive position (up). With the Clean/Drive switch set for the Clean channel (down), only the clean channel will be heard. When the MIX switch is in the “down” position, the Tube Drive switch will select separately between Tube and Clean Channels.

**INPUT JACK** Input allows plenty of headroom for all types of guitars.

**DRIVE** Adjusts the amount of gain that drives the tube preamp. 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, LOW** Classic, passive 3-band EQ to enhance the Tube Drivers unique tonal response. Freq: HI 3.5K Hz(upper shelving), MID 800Hz (center), LOW 150Hz(lower shelving).

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

**HI, MID, LOW** Identical operation and frequencies to the Tube Drive channel, however the overall baseline EQ has been optimized for clean and rhythm styles.

**REVERB** Adjusts amount of reverb signal mixed into the output. Reverb can be canceled anytime by the footswitch, 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 rated voltage for your unit is indicated just below the fuse holder on the rear panel.

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## REAR PANEL FEATURES

**DUAL VOLTAGE SWITCH** This amp is equipped with a dual voltage transformer. In the **USA** always use the **115V position**. For **Europe** use the **230V position** and the correct fuse value.

**POWER INLET SOCKET** USA:Connect only to 110-120V, 60Hz receptacle with the detachable power cord supplied. Always use a grounded outlet to avoid operating problems and to increase safety margin.

**FUSE** Use **fast-blo 4 amp for 120V US versions or 2 amp for 220-240V versions**. Always replace with the same type and size fuse.

**SPEAKERS** Use this jack for speaker output only. This combo is supplied with 2-8 ohm speakers, providing powerful high output performance. Minimum total impedance is 4 ohms. Lower impedance operation may eventually overheat and damage the amp, voiding the warranty.

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

**FOOT SWITCH** Stereo-type jack which switches both Channel and Reverb. The 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 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 a 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 does not recommend the disabling of any 3rd prong grounding plugs.*