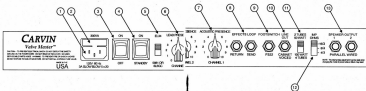


REAR PANEL FEATURES



1. AC POWER CORD

Carvin supplies you with a detachable AC POWER CORD. Your unit is designed to operate with one type of voltage. Plug the cord into a grounded "Y" prong power source. If a grounded outlet is not available, the VALVE MASTER should not be used. For safety reason, no attempt should ever be made to defeat the ground on the AC cord.

2. AC LINE FUSE

The VALVE MASTER has a fuse built into the AC receptacle. To check or remove the fuse, remove the AC cord and place a slot-head screwdriver under the cap labeled "FUSE". Pull the fuse holder out. Once removed, the fuse can be replaced into the space for a spare fuse within the holder. The internal fuse is a 3 Amp "Slow Blow" 5 x 20mm type. This fuse is available in the USA at all Radio Shack stores. (Additional fuse protection is provided within the power amp. Internal fuses consist of one 1000 slow blow and three 1A0G fast blow fuses. Note: The fuse holder will contain a spare fuse.

3. POWER SWITCH

The power switch is to be utilized as the master ON/OFF switch.

4. STANDBY SWITCH

The STANDBY SWITCH turns the high voltage off within the amplifier. If you don't plan to play for a while, turn this switch off. This will increase the life of your power tubes while keeping the power and preamp tube filaments on for immediate use.

5. TUBE SWITCH (SERIES II)

The TUBE switch must be selected for the proper power tubes (5L24 or 688 16L60C). If this is not correctly selected, excessive heat and power tube failure will result (or) excessive crossover distortion at low levels will result. Please see the HELP section for more information.

6. CHANNEL 2 LEAD PRESENCE (SERIES II)

Channel 2 features it's own LEAD PRESENCE for added penetration. It's frequency is concentrated in the upper mid range for extra lead penetration. Careful adjustment in conjunction with the front MID and TREBLE controls will make this control very useful.

7. CHANNEL 1 ACOUSTIC PRESENCE

This presence control adds a brilliance to the high frequencies of your guitar. It works in the very high treble range of 10k to 20k Hz for a shimmering, glassy output.

8. EFFECT LOOP

Plug the output of your effect device into the RETURN jack and the input of your effect device into the SEND jack. Use a shielded cord for both. It is normal to have a gain reduction of several dB with some effects units. The amp has plenty of reserve gain to overcome the loss.

9. FREQ POSITION SWITCH

Any foot switch with 2 switches and a stereo plug will work. However, Carvin's FREQ is recommended because of the correct identification on the footswitch. The channel SELECT switch on the front must be selected to channel 1 position before the footswitch will work for the channel selection. The REVERSE is also correctly selected by the FREQ foot switch.

10. LINE OUT

The LINE OUT 1/8" jack is "natural voiced" preventing excessive bass or highs that are normally required to equalize the speaker system. The 1.8 VNC output (reference to 100 watts output at 8Ω) is more than adequate to drive any professional mixer or power amp.

11. 4 TUBE (100 WATT)-2 TUBE (50 WATT) 1/2 POWER SWITCH

For maximum output power, be sure this switch is selected for 4 TUBE operation. For less power and cooler power amp-tipping, select the 2 TUBE operation.

12. SPEAKER IMPEDANCE SWITCH

The IMPEDANCE SWITCH offers the selection of 4, 8 or 16Ω to match any standard speaker system. The switch should be selected for the correct total speaker impedance. If not, power tube life can be shortened along with losing some of your output power. The correct setting for two 8Ω speakers (parallel) would be 4Ω. The correct setting for two 16Ω speakers (series) would be 16Ω.

13. SPEAKER JACKS

Two 1/4" SPEAKER JACKS are featured to operate several speaker system at the same time. You must calculate the total speaker impedance based on parallel wiring as both speaker jacks are wired in parallel. Select the IMPEDANCE SWITCH for the correct impedance.