



Carlsbro Holdings Ltd

Unit 11, Torc MK, Chippenham Drive, Milton Keynes,
MK10 0BZ, United Kingdom
Tel: +44(0)1908 281072
Web: www.carlsbro.com Email: sales@carlsbro.com

60H

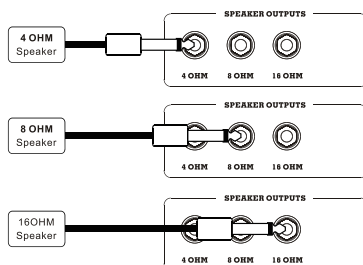
valve amplifier

STANDBY SWITCH: This switch engages the high voltage DC to the tubes. Always power the amplifier on using the power switch with this switch in the standby (down) position. Wait for at least 30 seconds after turning power on and then engage the standby switch into the on (upright) position. Powering up in this fashion will help to preserve tube life. It is also best to put the amp into the standby position when taking breaks.

POWER SWITCH: This switch turns the AC power on/off the amplifier. Use it in conjunction with standby switch to properly power the amplifier on. When this is turned on, the gem light on the left will be illuminated.

CONNECTING TO YOUR SPEAKER CABINETS

Connecting to speaker cabinets should have been done before turning power on. Speaker Impedance is described at each speaker output jack. Refer to the following figures and ensure the correct connection with your speaker cable.



ONLY USE ONE SPEAKER OUTPUT MATCHED TO YOUR CABINET
DAMAGE MAY OCCUR IF MORE THAN ONE CABINET IS USED

IMPORTANT SAFETY SYMBOLS



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage



Hazardous live terminal

ON: Denotes the apparatus is turned on.

OFF: Denotes the apparatus is turned off.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the operator.

CAUTION: Describes precautions that should be observed to prevent danger of the apparatus.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

IMPORTANT SAFETY INSTRUCTIONS

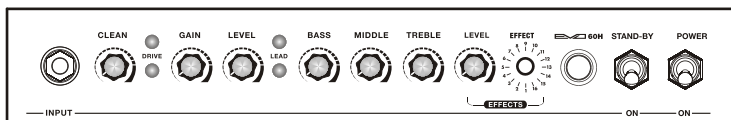
- ☐ Read these instructions.
- ☐ Keep these instructions.
- ☐ Heed all warning.
- ☐ Follow all instructions.
- ☐ Water & Moisture

The apparatus should be protected from moisture and rain, can not used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

- ☐ Heat

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

FRONT PANEL



INPUT JACK: 1/4" phone jack input.

CLEAN: Controls the output level of the clean section.

GAIN: Controls the distortion depth. Turning the knob clockwise increases both distortion and sustain.

LEVEL: Controls the output level of the drive section.

DRIVE SWITCH(&CHANNEL SWITCH): This switches the drive section between on and off. When this is turned off, the guitar signal input the clean channel.

LEAD SWITCH: When drive switch is on, this lead switch is on also, the guitar signal input the lead section of drive channels. When drive switch is on, this lead switch is off. the guitar signal input the overdrive section of the drive channels.

BASS: Controls low frequency range.

MIDDLE: Controls middle frequency range.

TREBLE: Controls high frequency range.

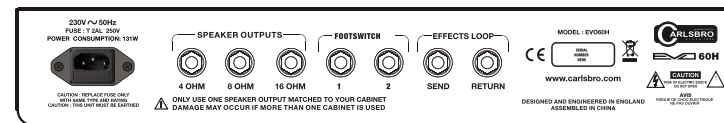
EFFECT: This control selects one of the 16 digital effects.

EFFECT LEVEL: This control increases or decreases the level of the digital effect selected by the "control" .

We have provided a variety of custom programmed guitar effects for you to use to help shape your sound. Once you choose an effect, use the level control to adjust the amount of the effect.

- | | | | |
|----------------|-----------------|----------------|--------------------|
| 1.MEDIUM DELAY | 5.MEDIUM CHORUS | 9.SMALL ROOM | 13.MEDIUM HALL |
| 2.LONG DELAY | 6.FAST CHORUS | 10.MEDIUM ROOM | 14.LARGE HALL |
| 3.ECHO VERB | 7.CHORUS VERB | 11.LARGE ROOM | 15.SLAP BACK DELAY |
| 4.SLOW CHORUS | 8.PHASER | 12.SMALL HALL | 16.SHORT DELAY |

REAR PANEL



AC INPUT: Connect the included AC power cable to this connector. Only use this amp with the voltage indicated on the panel.

AC FUSE: The fuse is for the AC mains power. Replace the fuse only with one of the same type and rating.

NOTE: Always disconnect the unit from the mains supply before changing the fuse.

SPEAKER OUTPUT JACKS: Connect to speaker cabinet with speaker cable. Refer to "Connection to Your Speaker Cabinets".

FOOTSWITCH JACK1: Connect to the footswitch. You can control the drive and lead switch via footswitch. When the footswitch is connected, both on/off switches on the front panel are disabled.

FOOTSWITCH JACK2: Connect to the footswitch. You can control the reverb effect on and off via footswitch.

EFFECT SEND: This jack socket provides an output for an external effects unit.

EFFECT RETURN: This jack socket accepts the output from an external effects unit.