



**POWERED BY CARLSBRO**

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**COLT 120 keyboard amplifier**

## COLT 120 keyboard amplifier

### PHONES:

The phones socket provides a mono signal for a stereo phones set.

**NOTE:** The internal loudspeaker is automatically disconnected when phones are used.

### LINE OUT:

This is a line-level balanced signal, suitable for connection to a power amplifier, mixing desk, etc.

### PROCESSOR SEND:

This is a line level signal suitable for connection to an external processor.

### ACTIVE SWITCH:

This switch, when depressed, makes the processor send and Return jack sockets operational.

**NOTE:** When the processor send and return sockets are not in use this switch must be in the 'out' position. If the switch is left in the 'in' position you will get no output from the unit.

### PROCESSOR RETURN:

Connect the output from an external processor unit here.

## 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

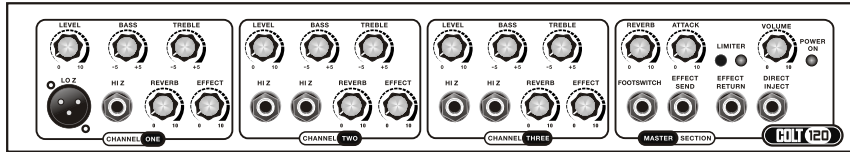
The apparatus should be protected from moisture and rain, can not used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

### ☐ Heat

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

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### COLT120 FRONT PANEL



#### CHANNEL ONE&TWO&THREE

##### LO Z:

This is the low impedance, balanced XLR microphone input suitable for the connection of low impedance microphones either balance or unbalanced.

##### HI Z:

This is a high impedance, unbalanced, 2-pole, 1/4(mono)jack socket suitable for input signals from instructions.

##### LEVEL:

This control allows the adjustment of the channel volume level.

##### BASS:

This control allows the adjustment of the bass frequencies with a cut or boost from the flat position.

##### TREBLE:

This control allows the adjustment of the treble frequencies with a cut or boost from the flat position.

##### REVERB:

This control sets the amount of reverb level content for this channel. Overall reverb level is controlled by the reverb control on the Master Section.

##### EFFECT:

This control sets the amount of channel signal sent to the effect send socket.

#### Master Section

##### REVERB:

This controls the overall reverb level.

##### ATTACK:

This control allows the adjustment of the amount of 'limiter'.

##### LIMITER:

This switch, when depressed, activates the limiter circuitry. The limiter prevents the pre-amplifier from over driving the internal power amplifier thus preventing distortion when large input signals and/or excessive control settings are used with the unit.

##### VOLUME:

This control allows the adjustment of the overall output volume level of the unit.

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#### POWER ON:

This LED will illuminate when unit is switched on.

#### FOOT SWITCH:

This jack socket allows the reverb effect to be remotely defeated when used in conjunction with a Carlsbro COLT series foot switch.

**NOTE:** Only a Carlsbro COLT series footswitch will operate the reverb in/out function.

#### EFFECT SEND:

This jack socket provides an output for an external effects unit.

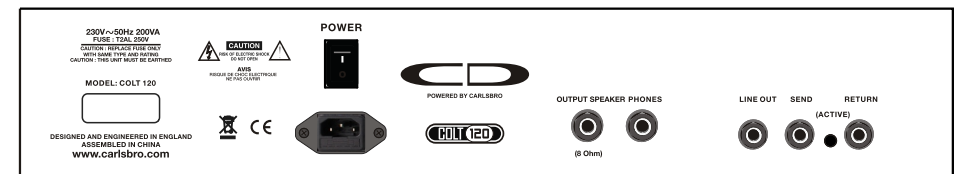
#### EFFECT RETURN:

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

#### DIRECT INJECT:

This socket provides a low-level unbalanced signal for direct injection into a mixing desk, etc.

### COLT120 REAR PANEL



**POWER Switch:** This switch turns the mains power to the unit on or off.

**NOTE:** Always make sure that the master volume control is at '0' before turning the unit on or off.

**IEC INPUT SOCKET:** Connect the supplied IEC mains lead here. Should the mains fuse need replacing, it is located below the mains input. 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.

#### OUTPUT SPEAKER:

This is an amp output connection to the speaker cab underside itself. Please use the speaker cable attached in the carton. Do NOT use any other musical instrument cable.

The unit can NOT connect to a 4 Ohm or lower impedance speaker cab. Else the amp will cut off the output. You will have to turn off the unit and only connect to the 8 Ohm speaker cab itself, then after several minutes you can turn on the unit and the amp will operate again.