

# **Laney**

## **BC SERIES**

### **USER MANUAL**

#### **MODEL : BC250**

# Laney



## INTRODUCTION

Congratulations on your decision to purchase a **Laney** amplifier.

**Laney** products are designed with ease of operation as a primary objective, however to ensure you derive the best from your new amplifier, it is important you take time to read this user manual and to familiarise yourself with the control functions and facilities available

## BEFORE SWITCHING ON

After unpacking your amplifier check that it is factory fitted with a three pin 'grounded' (or earthed) plug. Before plugging into the power supply ensure you are connecting to a grounded earth outlet.

If you should wish to change the factory fitted plug yourself, ensure that the wiring convention applicable to the country where the amplifier is to be used is strictly conformed to. As an example in the United Kingdom the cable colour code for connections are as follows.

**EARTH OR GROUND - GREEN/YELLOW**  
**NEUTRAL - BLUE**  
**LIVE - BROWN**

This manual has been written for easy access of information. The front and rear panels of each unit are graphically illustrated, with each control and feature numbered. For a description of the function of each control feature, simply check the number with the explanations adjacent to each panel.

When you first receive your **Laney** amp, follow these simple procedures:

- (i) Ensure that the amplifier is set at the correct voltage for the country it is to be used in.
- (ii) Connect your instrument with a high quality sheilded instrument cable. Use of cheap cables will compromise the sound of your instrument and your amplifier.

If there is a problem with your **Laney** amplifier

**DON'T**

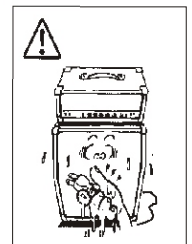
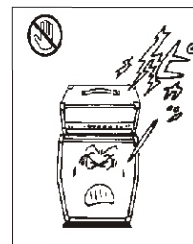
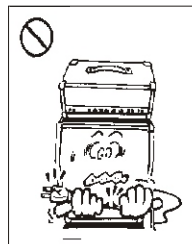
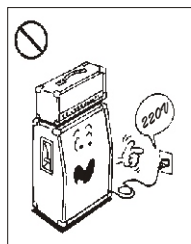
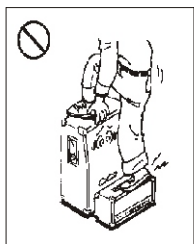


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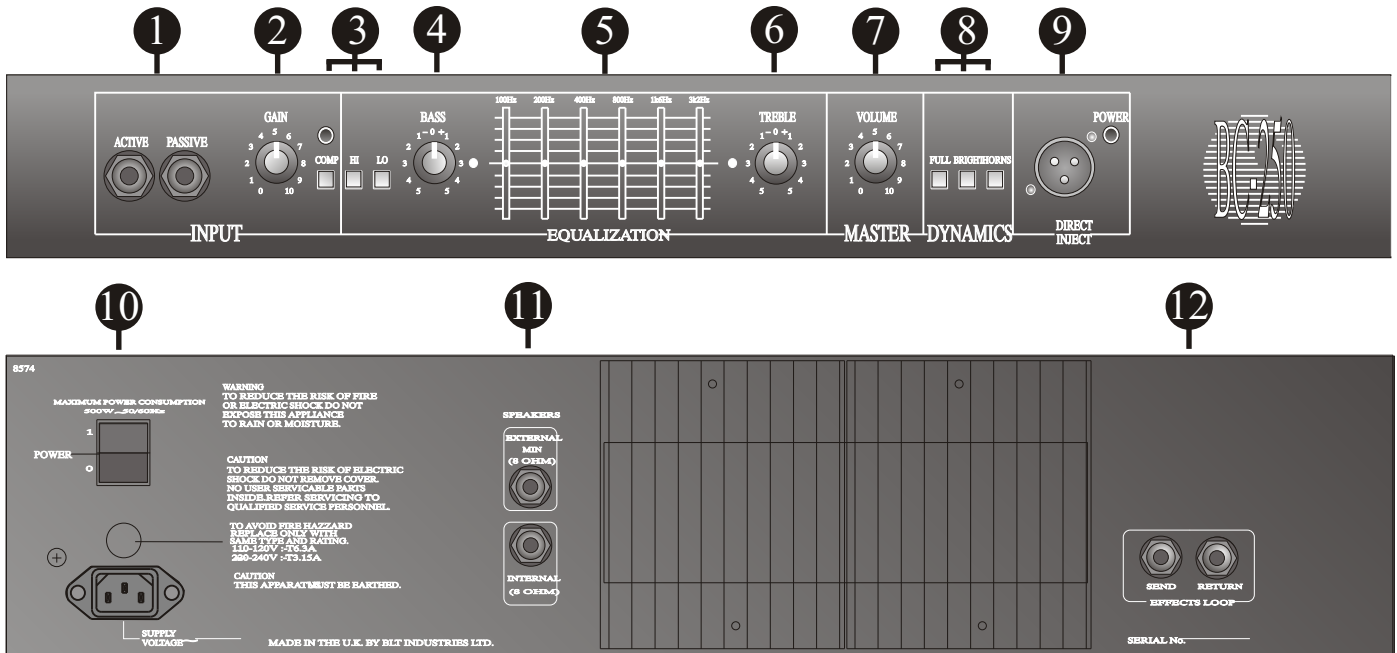


**PHONE YOUR DEALER!**

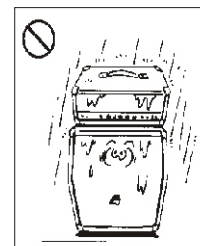
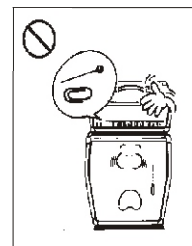
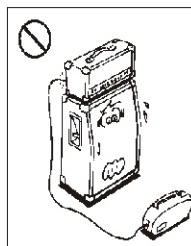
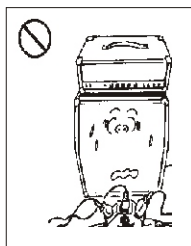
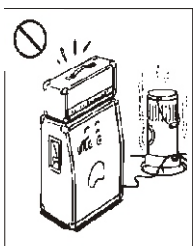
Care of your **Laney** amplifier will prolong it's life.....and yours!. If you follow these guidelines your equipment will give you years of playing pleasure



# MODEL BC250

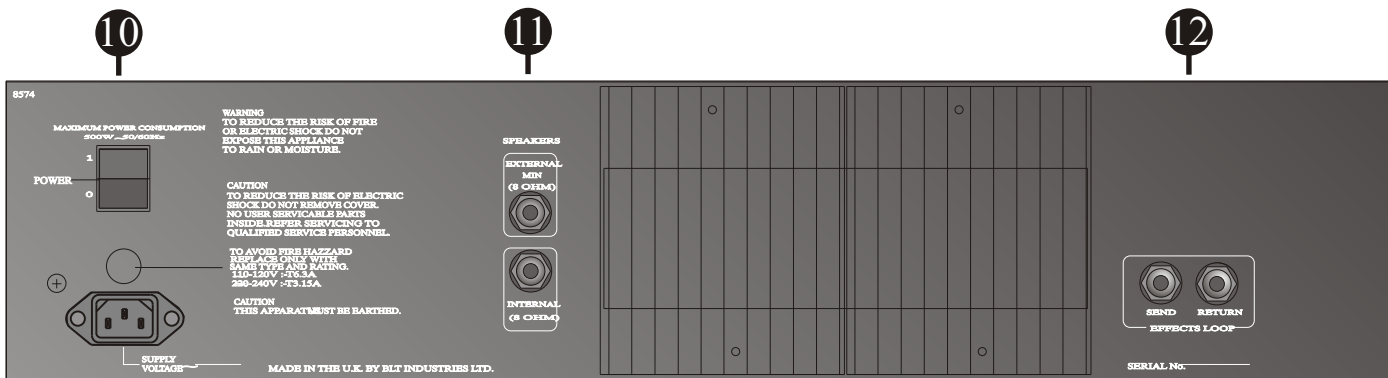


- 1 **INPUTS:** ACTIVE. Input jack for active or high output instruments such as those with built in pre-amplifiers. PASSIVE. Input jack for most passive instruments such as those without built in pre-amplifiers.
- 2 **GAIN:** Sets the overall gain of the amplifier to suit the instrument being used. Set as high as possible without distortion, then adjust the overall volume to suit. The gain control may need re-adjusting after EQ changes.
- 3 **COMPRESSOR:** Compresses the input signal, giving a punchier sound. Use in conjunction with GAIN control.
  - HI: Boosts the high frequencies
  - LO: Boosts the extreme low frequencies, especially useful on 5 string bass guitars.
- 4 **BASS:** Sets the Bass frequency response.
- 5 **GRAPHIC EQ:** Six band graphic equaliser, use to set the middle frequencies. For best sound set the sliders to gradual curves and avoid extremes.
- 6 **TREBLE:** Sets the high frequency response.
- 7 **VOLUME:** Sets the overall listening level of the amplifier.
- 8 **FULL:** Engages a speaker control system which controls the tightness of the bass response.
  - BRIGHT: Switches in increased attack and sparkle to the upper frequencies.
  - HORNS: Switches in the HF units fitted to the unit.
- 9 **DIRECT INJECT:** XLR socket for direct injection of the amplifier signal to a mixing desk or power amplifier. This provides a low impedance output signal (Balanced output, Pin 1: Ground, Pin2: Hot, Pin 3:cold)





# MODEL BC250



- 10** POWER: Mains/power on/off switch.
- 11** SPEAKER OUTPUTS: Allowing the connection of an 8 Ohm extension cabinet.
- 12** EFFECTS LOOP: SEND, sends the pre-amplifier signal to an external effects processor if required (signal level nominal -6dB). RETURN, effects return, accepts the output of an external effects processor (signal level nominal -6dB).

## Technical Specifications

Maximum Power Consumption	500 Watts
Supply Voltage (Factory Preset)	115/230 Volts
Supply Frequency	50/60 Hz
Output Power	250 Watts @ 4 Ohms
Input Impedance Passive	1 Meg Ohm
Input Impedance Active	200 k Ohm
FXLoop/Line Level (All Nominal)	-6dB
FX Send/Return Impedance	1k/10K Ohm
Speaker Impedance	8 Ohms
Extension Speaker Impedance	8 Ohm
Speaker Size	15" 375cms + 2 x HF drivers

