

# Laney

## HC SERIES USER MANUAL

MODEL : HC25B  
          : HC50B



## 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

## 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.

Your Laney amplifier has undergone a thorough two stage, pre-delivery inspection, involving actual play testing, as well as burn

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 shielded 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**



**DO**



**PHONE YOUR DEALER!**

Care of your Laney amplifier will prolong it's life.....and yours!.

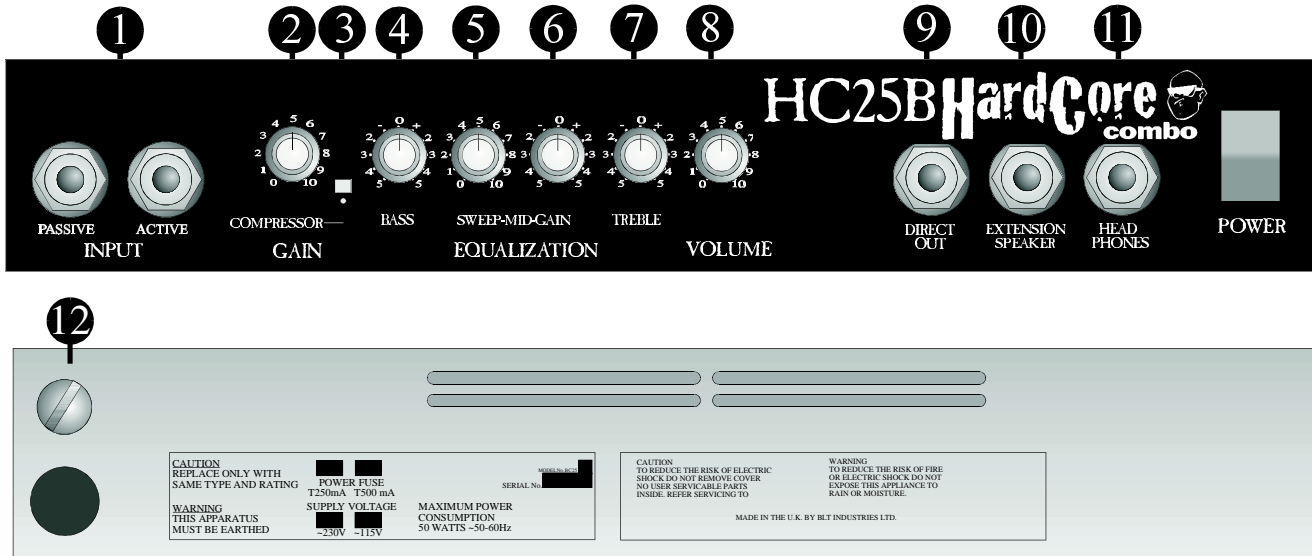
The following diagrams in this manual illustrate a HC25R/HC50R front panel. The HC25 & the HC25R are identical in function apart from the HC25R having reverb. Suggested settings for typical sounds are the same which ever model you own.



## HC25B/HC50B

### PLEASE NOTE:

All the front panel illustrations in this manual show HC25B front panels. HC50B front panels are identical in features but have a 50 watt output section.



- 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.
- 4 **BASS:** Sets the Bass frequency response.
- 5 **SWEEP MID:** Sweeps the middle frequencies, for LO mid move anticlockwise and for HI mid clockwise. Use in conjunction with 6
- 6 **SWEEP GAIN:** Sets the gain of the middle frequencies for mid cut move anticlockwise and for mid boost clockwise.
- 7 **TREBLE:** Sets the high frequency response.
- 8 **VOLUME:** Sets the overall listening level of the amplifier.
- 9 **DIRECT INJECT:** Jack socket for direct injection of the amplifier signal to a mixing desk or power amplifier. This provides a low impedance output signal
- 10 **EXTENSION SPEAKER:** Speaker output for connecting an external 4/8 Ohm extension cabinet. Onboard speaker is automatically disengaged.
- 11 **HEAD PHONES:** Headphone output for silent listening.
- 12 **POWER FUSE:**



## USEFUL HINTS AND TIPS

The following hints and tips are provided so that you can get the best performance out of your Laney amplifier. These are only guidelines and should be adapted for your own preferences:-

- 1: The position of an amplifier in a room has an effect upon the overall sound characteristics. If you wish to increase the bass response of your amplifier place the amplifier on the floor. If you wish to reduce the bass response of your amplifier place the amplifier on a stand.
- 2: Do not place you amplifier hard up against a wall as this will reduce the air circulating around the back of the unit and may result in overheating.

## TECHNICAL SPECIFICATIONS HC25B

**Maximum power consumption: 50 Watts Supply voltage (Factory pre-set): 115/230 Volts Supply Frequency: 50/60Hz Output power: 25 watts Input impedance Hi & Lo: 1 Meg Input sensitivity Hi input: 5.5mV Input sensitivity Lo input: 5.5mV Line output level (nominal): -10dBU Line out impedance: <75 Ohms Minimum External Speaker Impedance: 4 Ohms Speaker size: 10"/250mm Speaker rating: 30 watts.**

## TECHNICAL SPECIFICATIONS HC50B

**Maximum power consumption: 50 Watts Supply voltage (Factory pre-set): 115/230 Volts Supply Frequency: 50/60Hz Output power: 50 watts Input impedance Hi & Lo: 1 Meg Input sensitivity Hi input: 5.5mV Input sensitivity Lo input: 5.5mV Line output level (nominal): -10dBU Line out impedance: <75 Ohms Minimum External Speaker Impedance: 4 Ohms Speaker size: 12"/250mm Speaker rating: 70 watts.**

\*In the intrest of continuing product developement BLT Industries reserve the right to amend specifications without prior notice.