

# Laney

LA300 & LA650

USER MANUAL

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** When using electric products, basic cautions should always be followed, including the following.

1. Read all safety and operating instructions before using this product
2. All safety and operating instructions should be retained for future reference
3. Obey all cautions in the Operating instructions and on the back of the unit
4. All operating instructions should be followed
5. This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built up enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as stove, radiator, or another heat producing amplifier.
8. Connect only to a power supply of the type marker on the unit adjacent to the power supply cord.
9. Never break off the ground pin on a power supply cord.
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the chord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp cloth. The vinyl covering used on some units can be cleaned with a damp cloth or ammonia based household cleaner if necessary. Disconnect the unit from the power supply before cleaning.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any ventilation holes or openings. On no account place drinks on the unit.
15. A qualified service technician should check the unit if:
  - The power cord has been damaged
  - Anything has fallen or spilled into the unit
  - The unit does not appear to operate correctly
  - The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service the equipment. All service work is done by a qualified service technician.
17. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposure.

Duration Per Day In Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure exceeds the limits set forth above. To ensure against potentially dangerous exposure to high sound pressure levels it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

**SAVE THESE INSTRUCTIONS**

**ACOUSTIC**

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## 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.

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

When you first receive your **Laney** dedicated ACOUSTIC amplifier, 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



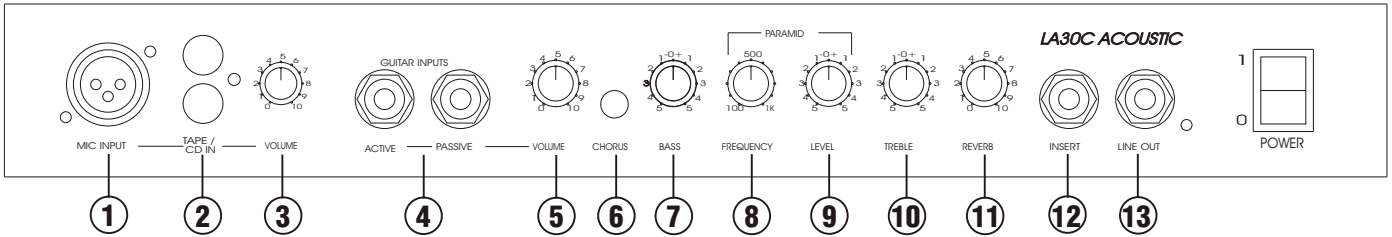
DO



PHONE YOUR DEALER!

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

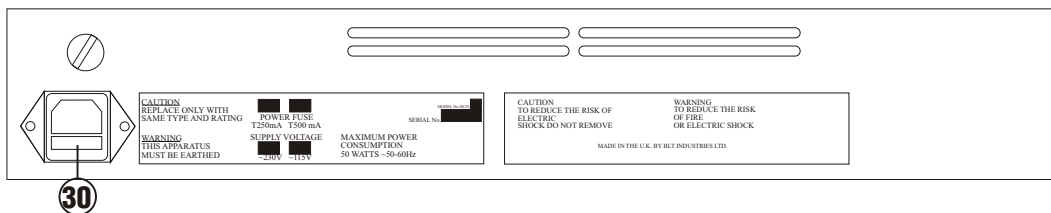
## LA30C front panel



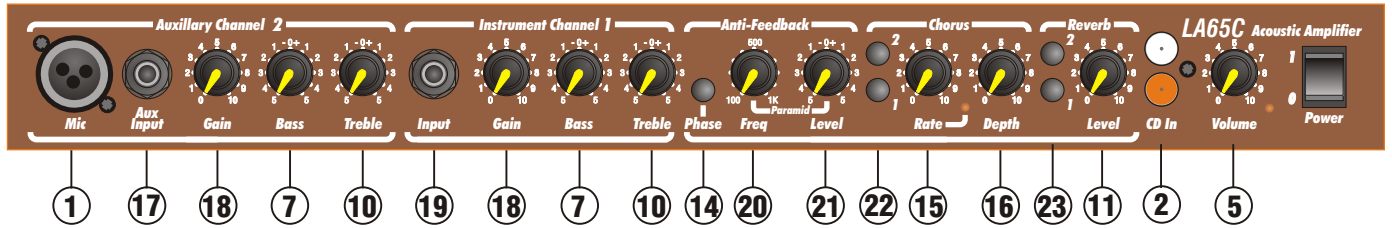
\* Front panel diagrams show LA30C front panel. LA30 features are identical apart from Reverb & Chorus

- 1. Mic Input:** The input socket has been designed to accept both balanced and unbalanced signals from microphones with an XLR input connector. Good quality low impedance condenser or dynamic mics should preferably be used for best results, these will ensure the best possible results from hand-held instruments or closely mic'd instruments.
- 2. Tape/CD input:** Phono (RCA) sockets are provided for the connection of tape/CD machines.
- 3. Volume:** Controls the overall listening level of the mic and the tape/CD auxiliary inputs.
- 4. Guitar Inputs:** Active and Passive/Active inputs are provided for connection of guitars. Guitars with active circuitry should be connected via the Active socket. Non-active guitars should be connected using the Passive input. Incidentally, guitars with active circuitry could be placed in the Active input if pre-amp overloading is desired.
- 5. Volume:** Controls the overall listening volume of the guitar inputs.
- 6. Chorus:** Enables the onboard chorus.
- 7. Bass:** Controls the low frequency response of the pre-amplifier.
- 8. Paramid-Frequency:** Selects the frequency at which the cut or boost selected by the paramid level control (9) acts; to access LO mid frequencies turn the frequency control anti-clockwise, to access HI mid frequencies turn the frequency control clockwise.
- 9. Paramid-Level:** Sets the level of boost or cut applied to the frequency set by control 8: for frequency boost, turn the control clockwise; for frequency cut, turn the frequency control anti-clockwise.
- 10. Treble:** Controls the high frequency response of the amplifier.
- 11. Reverb:** Controls the level of reverb on the channel.
- 12. Insert:** Socket provided for accepting the signal from another amplifier, see 13
- 13. Line Out:** Socket provided for sending signal to another amplifier or mixing desk. Connecting an LA30C to another non chorus amp, such as an LA30 via the Line out socket to an insert sock will produce a dramatic stereo chorus effect between the two amplifier.

## LA30C rear panel

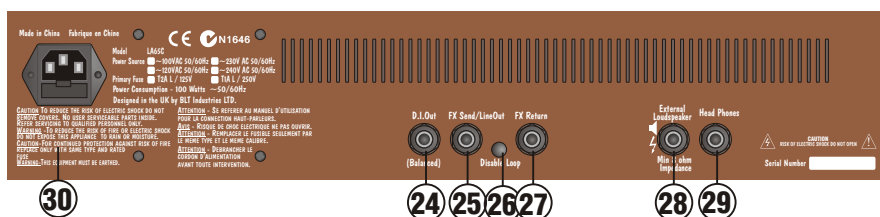


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## LA65C rear panel



Power fuse. This fuse protects the AC power of the overall amplifier. Use only the correct size and rating

## LA65C front panel

- 14. Phase Switch:** Phase switch assists in the cancellation of low frequency oscillation which are associated with acoustic guitar feedback.
- 15. Chorus Rate:** Allows the rate of chorus sweep to be selected. Should be used in conjunction with 16 in order to achieve the desired chorus effect.
- 16. Chorus Depth:** Determines the depth of the chorus sweep to be selected. Should be used in conjunction with 15 in order to achieve the desired chorus effect.
- 17. Aux Input:** Auxillary jack Input for jack equipped mics and sound sources such as keyboards drum machines etc.
- 18. Gain:** Control the signal level for instruments connected to Auxillary Channel 2
- 19. Input:** Jack input for Instrument channel - connect guitars and other musical instruments via this socket.
- 20. Freq:** Determines the frequency boosted or cut to eliminate feedback. Used in conjunction with control 21
- 21. Level:** Determines the level of boost or cut applied to the frequency selected via control 20.
- 22. Chorus Assign:** Assigns Chorus to either channel 1, channel 2 or both.
- 23. Reverb Assign:** Assigns reverb to either channel 1, channel 2 or both.
- 24. D.I. Out:** Balanced Direct Inject output for connecting to external mixing desk or power amplifier.
- 25. FX Loop Send:** Jack provided for use with external processing devices such as delays etc. Can also be used as a line out providing a line level signal. This socket should be connected to the input of the effects device. The output of the effects device should be connected to the FX return - 27
- 26. FX Loop Disable:** Removes the effects loop from the signal path.
- 27. FX Loop Return:** Jack provided for use with external processing devices such as delays etc. This socket should be connected to the output of the effects device connected to 25.
- 28. External Speaker:** Speaker connection for connecting an external speaker cabinet - total minimum impedance of no less than 8 ohms.
- 29. Headphone Socket:** Jack socket for connecting headphones.
- 30. Fuse Holder:** Power fuse. This fuse protects the AC power of the overall amplifier. Use only the correct size and rating

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