

Laney

GC SERIES
GUITAR
AMPLIFICATION

USER MANUAL

MARCH 1994

MODELS

GC30

GC50

GC80

GC120

GC120C

GH120

GH120C

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 some time to read this user manual and to firstly 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 (earthed) 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

GENERAL INFORMATION

Amplifiers should never be exposed to moisture or wetness under any circumstances since this would present a possible shock or fire hazard, and may cause possible damage to your new and valuable acquisition.

In the unlikely event that a fuse should blow it is imperative that you or your engineer, use a correctly rated replacement.

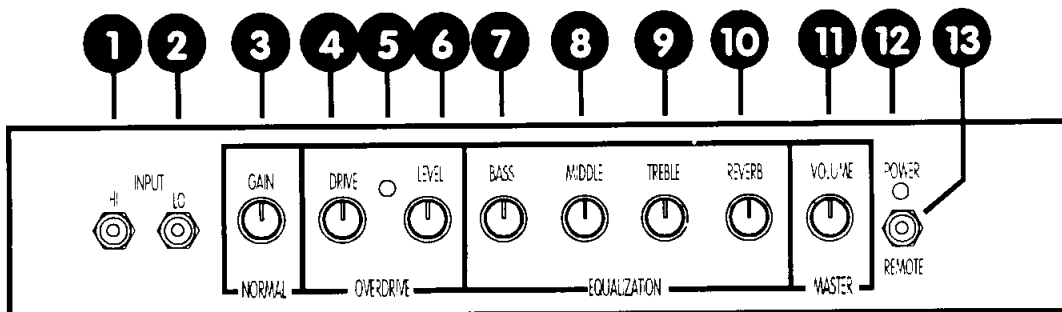
Details of the fuse required is printed on the rear panel of your amplifier or on the chassis adjacent to the failed fuse.

USING THIS MANUAL

This manual has been written for easy access of information. The front and rear panels of each unit are graphically illustrated, with each control or facility numbered. For a description of the function of each control or facility simple check each number with the glossary of terms given later in the manual.

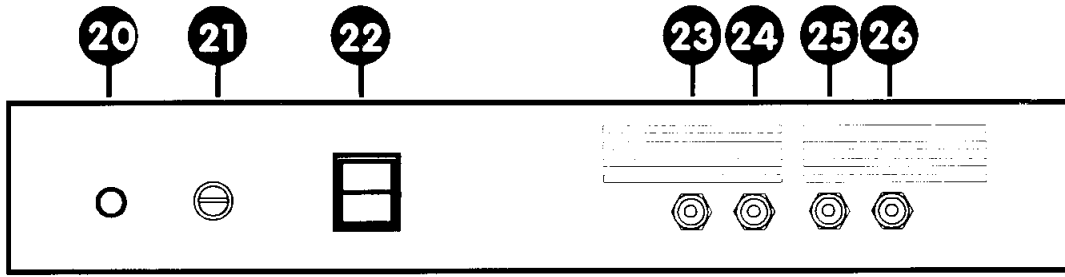
MODEL GC30 & GC50

PREAMPLIFIER

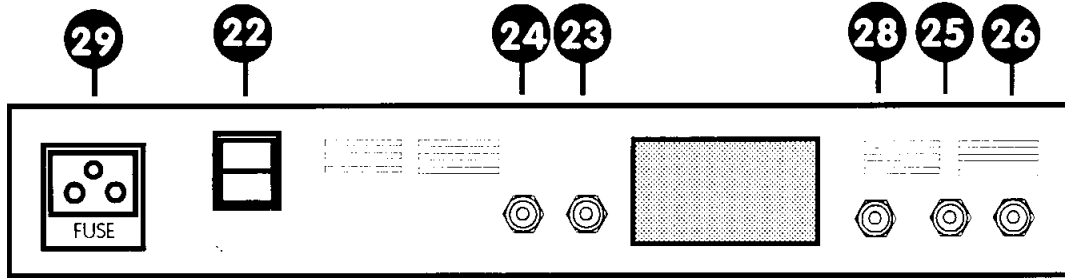


MODEL: GC30 & GC50 (Cont'd)

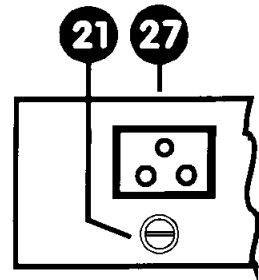
REAR PANEL GC30 ONLY



REAR PANEL GC50 ONLY (NOT USA)

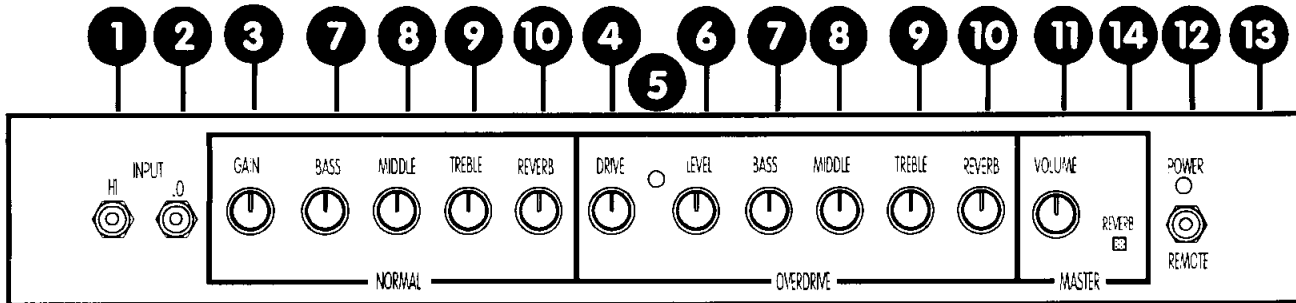


REAR PANEL (USA ONLY)

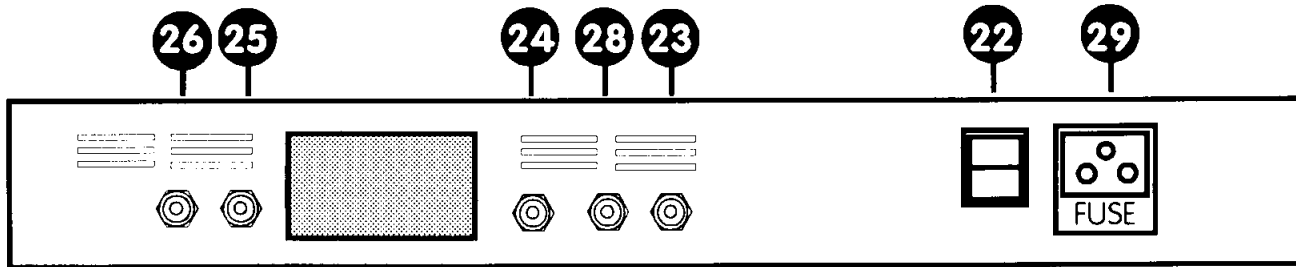


MODEL: GC80, GC120 & GH120

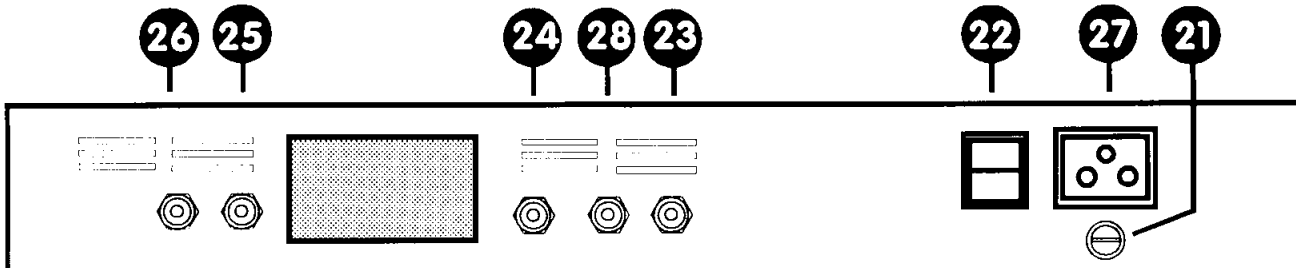
PREAMPLIFIER



REAR PANEL FOR GC80 & GC120 (NOT USA)



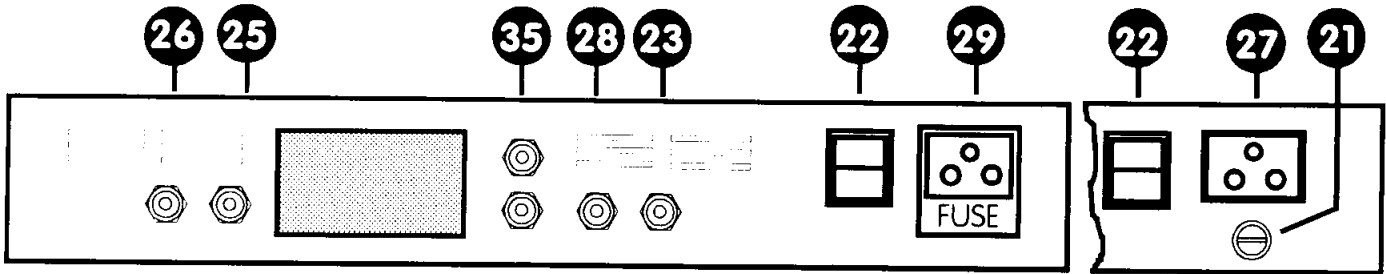
REAR PANEL GC80 & GC120 (USA ONLY)



MODEL: GC80, GC120 & GH120 (Cont'd)

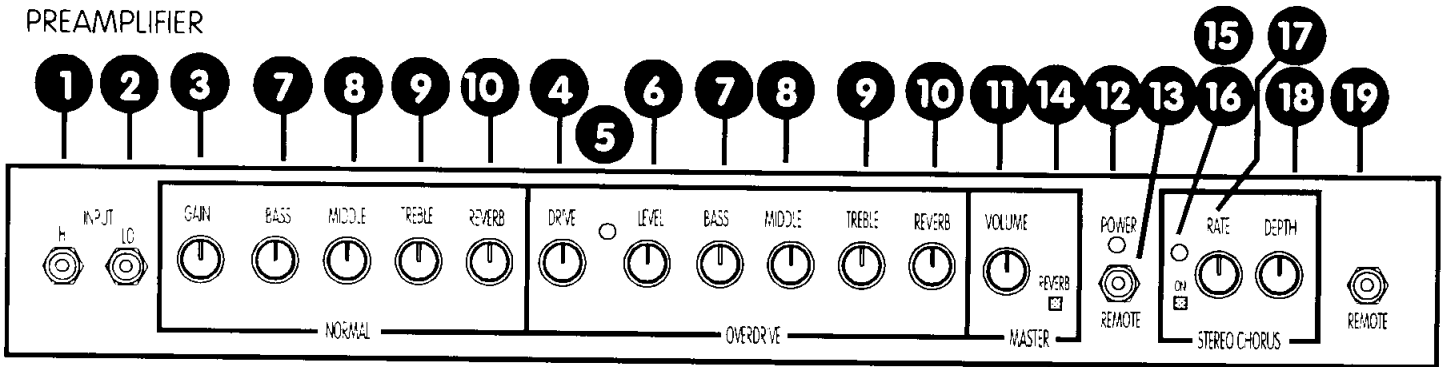
REAR PANEL FOR GH120
(NOT USA)

REAR PANEL FOR GH120
(USA ONLY)

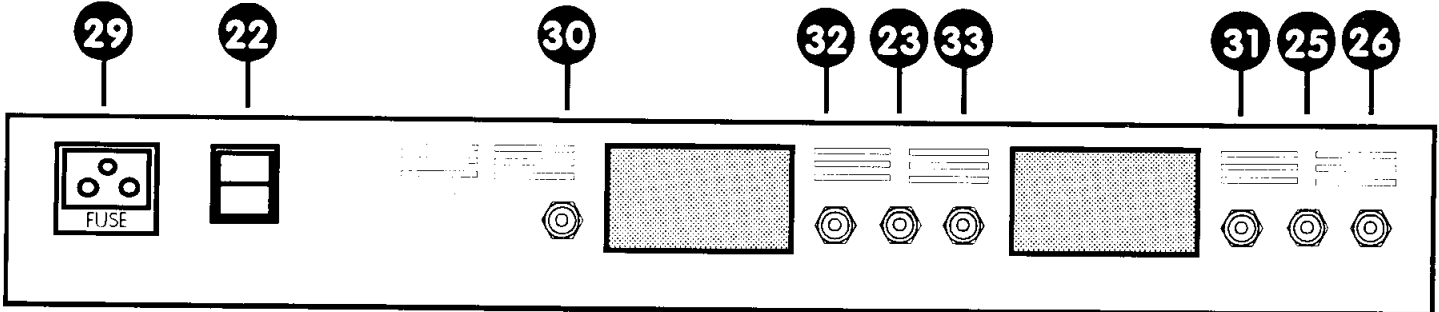


MODEL: GC120C & GH120C

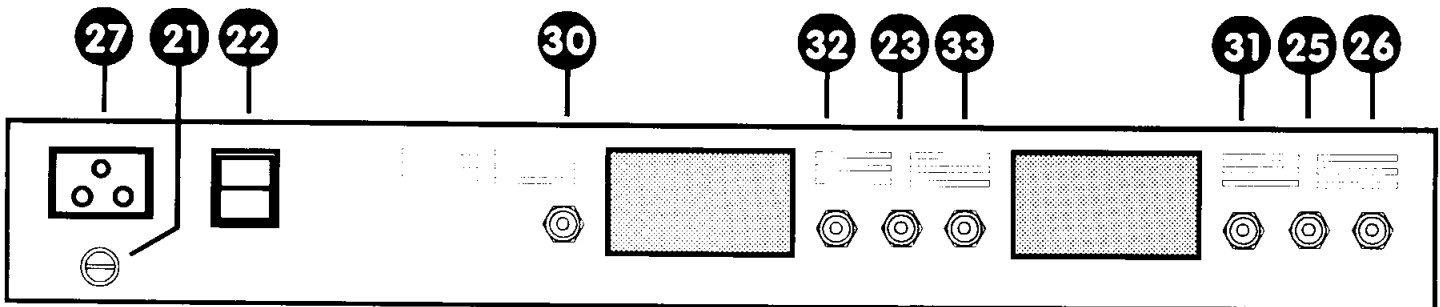
PREAMPLIFIER



REAR PANEL (NOT USA)



REAR PANEL (USA ONLY)



Explanation of Terms

GC Series Amplifiers

PREAMPLIFIER CONTROLS

- 1 **HI** High sensitivity input jack for instruments with low output signal. Also use this input for maximum overdrive sound.
- 2 **LO** Low sensitivity input jack for instruments with high output signal. This input will normally suit guitars with active pickups.
- 3 **GAIN** Sets the 'normal' channel gain. For a clean sound set volume (11) high and the gain control low. For 'crunch' sound set the gain high and the volume low.
- 4 **DRIVE** Sets the amount of overdrive.
- 5 **LED** Indicates when amplifier is switched to overdrive mode.
- 6 **LEVEL** Sets the volume level of overdrive (this should be used in conjunction with 4). This control allows the overdrive signal to be balanced with the clean/crunch sound.
- 7 **BASS** Adjusts the low frequency bass response.
- 8 **MIDDLE** Adjusts the mid range frequency response.
- 9 **TREBLE** Adjusts the high frequency response.
- 10 **REVERB** Adjusts the reverb level.
- 11 **VOLUME** Controls the overall listening level of the amplifier.
- 12 **POWER** Indicates that amplifier is powered up.
- 13 **REMOTE** Connect stereo footswitch (FS2) to switch in and out the channel overdrive and the reverb.
- 14 **REVERB** Master reverb on off switch.
- 15 **ON** Stereo Chorus on/off switch.
- 16 **LED** Chorus on and rate illuminated indicator.
- 17 **RATE** Sets rate of chorus effect.
- 18 **DEPTH** Sets depth of chorus effect.
- 19 **REMOTE** Connect mono footswitch (FS1) to switch chorus on and off.

REAR PANEL

- 20 **SUPPLY** Mains/power lead with factory fitted plug.
- 21 **FUSE** Mains/power fuse.
- 22 **POWER** Mains/power on/off switch.
- 23 **HEADPHONES** Headphone output for silent listening, ie: practice or tuning up. For models **GC30** and **GC50** simply plug in the phones and the on board speakers will be automatically disconnected. For **all other models** you must physically unplug the speaker jack. NB: remember to re connect the speaker after headphone use.

Explanation of Terms

GC Series Amplifiers

REAR PANEL (Cont'd)

- 24 SPEAKER** Speaker output, This May be disconnected if it is required to connect a larger enclosure. NB: Minimum load impedance 4 ohm.
- 25 RETURN** Effects return, accepts the output of an external effects processor. (signal level nominal -6dB)
- 26 SEND** Effects send, sends the preamplifier signal to an external effects processor if required. (signal level nominal -6dB)
- 27 MAINS** Mains/power input socket.
- 28 DI/LINE** Direct injection or line level 1/4" mono jack socket. This provides a low impedance output signal for connecting to a mixing desk or power amplifier for further sound reinforcement.
- 29 MAINS** Mains/power input socket with combination fuse carrier. When replacing the fuse, ensure that the replacement is of a similar value. The correct fuse value is marked adjacent to the carrier.
- 30 DI/LINE RIGHT** Direct injection or line level 1/4" mono jack socket for the right channel of the amplifier as viewed from the front. This provides a low impedance output signal for connecting to a mixing desk or power amplifier further sound reinforcement
- 31 DI/LINE LEFT** Direct injection as above (30) but for the left channel.
- 32 SPEAKER RIGHT** The right side speaker is connected here, as viewed from the front. You may wish to connect a multi speaker enclosure and this is acceptable however you must ensure that the 'net' load impedance is not less than 4 ohm.
- 33 SPEAKER LEFT** The left side speaker is connected here as viewed from the front. You may wish to connect a speaker enclosure and this is acceptable however you must ensure that the 'net' load impedance is not less than 4 ohm.
- 35 SPEAKER** Speaker input sockets, ensure that the total net input load is not less than 4 ohm.