

**electronic**

GUITAR AMPLIFIERS

L100 & L50

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**INSTRUCTION GUIDE**

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## INTRODUCTION

The L50 and L100 guitar amplifiers are split channel combination amplifiers with outputs of 50 and 100 watts respectively.

Before using your new HH equipment we recommend you spend some time reading these operating instructions to obtain optimum performance.

## POWER CONNECTION

Your amplifier should be fitted with a three pin 'grounded' (or 'earthed') plug. Please make sure that the amplifier is powered from a 'ground/earthed' outlet. If changing or fitting a plug yourself, ensure that the applicable wiring code is adhered to, in the UK for example connections should be made as follows:-

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

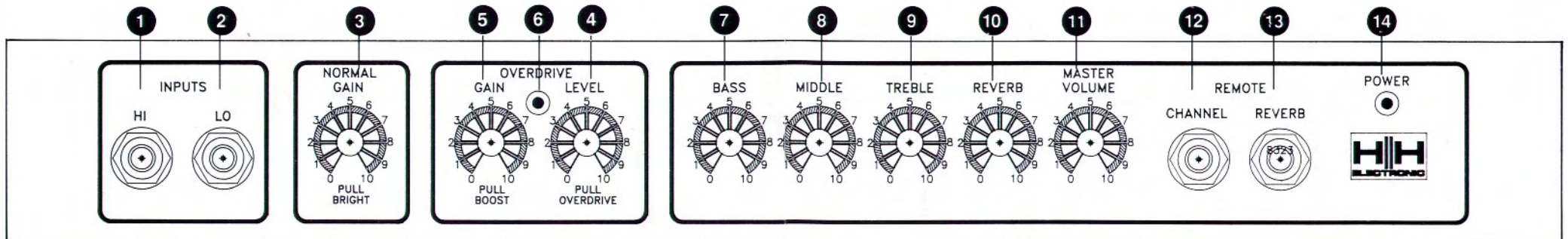
The power on/off switch is located on the rear panel. In the unlikely event of a fuse failing the rating specified must be STRICTLY adhered to.

Set all gain and volume controls to zero (fully counter-clockwise) and switch on the unit with the power switch located on the rear panel.

## FRONT PANEL FACILITIES

1. HI INPUT Normal input for active or passive guitars.
2. LO INPUT Low sensitivity input for ultra high gain instruments.
3. NORMAL GAIN Adjusts normal pre-amplifier gain.
4. LEVEL Pull-on operates overdrive channel (or can be switched using optional S1 footswitch). Level control adjusts overdrive pre-amp volume

5. GAIN Adjusts amount of overdrive gain with pull-on boost facility for increased drive.
6. CHANNEL INDICATOR Illuminates when overdrive channel is enabled.
7. BASS CONTROL Adjusts low frequency response.
8. MIDDLE CONTROL Adjusts mid frequency response.
9. TREBLE CONTROL Adjusts high frequency response.
10. REVERB Controls amount of reverberation added to your sound.
11. MASTER VOLUME Controls overall output level of amplifier.
12. CHANNEL FOOTSWITCH Remote socket for channel changing (via optional S1 footswitch).
13. REVERB FOOTSWITCH Remote socket for reverb control (via optional S1 footswitch).
14. POWER INDICATION Illuminates when unit is switched on and power is connected.



## REAR PANEL FACILITIES

POWER SWITCH	Switches on power to unit
HEADPHONE SOCKET	For private listening. Headphones should have a suitable stereo jack plug fitted. N.B. Speaker jack should be disconnected (L100 only)
EFFECTS LOOP SEND AND RETURN	For connection of external effects (eg, delay, chorus etc.).
SPEAKER OUTPUT (L100 ONLY)	For connection of speaker either internal or external (minimal load 4 ohms).
SLAVE OUTPUT	Provides line level signal for power amplifiers.

## SUGGESTED SETTINGS

CLEAN BRIGHT	Normal gain on 5 or less, Master volume on 8. EQ set with treble and bass in + range, middle control in - range.
CRUNCH GUITAR	Overdrive channel engaged (level control pulled on). Overdrive gain 6-8, level control 3-4. For a more bluesy response increase middle control setting.
SOLO SUSTAIN	As on previous setting but pull-on boost on overdrive gain control.

These are just a few basic settings, many more sounds are available. Gain control settings will vary depending on pick-up level outputs from your guitar.

All possible care is taken in the design to ensure that every HH product is proven to be satisfactory and reliable. Each product is thoroughly examined and tested before leaving the factory. If correctly used it will give good service for many years.

Should a technical problem occur please observe the following procedure:-

Contact the dealer from whom the unit was purchased and describe to him symptoms of the fault - he may be able to solve the problem immediately.

The product contains no user serviceable parts. In case of difficulty contact the national distributor for your country.

HH Electronics Ltd reserve the right to alter specifications without prior notice.

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