

# DOVER

AMPLIFICATION

PROUDLY DESIGNED AND HANDCRAFTED IN ENGLAND

DA-50



OPERATION MANUAL

[WWW.DOVERAMPLIFICATION.CO.UK](http://WWW.DOVERAMPLIFICATION.CO.UK)

# WELCOME TO DOVER AMPLIFICATION

Thank you and congratulations for acquiring this Dover Amplification product.

Our commitment to you is to produce truly world class amplifiers and pedals without compromise.

Your tone is our passion.

## SPECIFICATIONS

SUPPLY VOLTAGES:	~115VAC / ~230VAC
POWER CONSUMPTION:	154W
MAINS FUSE:	115VAC - T4A / 230VAC - T2A
HT FUSE:	500mA
SPEAKER OUTPUT:	4Ω, 8Ω, 16Ω
PRE-AMP VALVES:	4 x ECC83
POWER VALVES:	2 x EL34



# SAFETY INSTRUCTIONS

Read all safety and operating instructions carefully before switching on your Dover Amplifier.

All safety and operating instructions should be retained for future reference.

Obey all cautions in the Operation Manual and on the rear of your amplifier.

Your Dover Amplifier should be powered by a three pin grounded (or earthed) plug connected to a power socket with a grounded earth outlet. Never break off the ground pin on a power supply cord.

Do not switch on your Dover Amplifier without a loudspeaker connected.

Ensure that any extension cabinets used are matched correctly to the impedance selected on the amplifier.

It is recommended that all audio cables, with exception to the speaker lead, used to connect to your amplifier are of a high quality screened type. Always use a non-screened speaker lead with speaker cabinets.

Your amplifier should be positioned so that there is no interference with the ventilation.

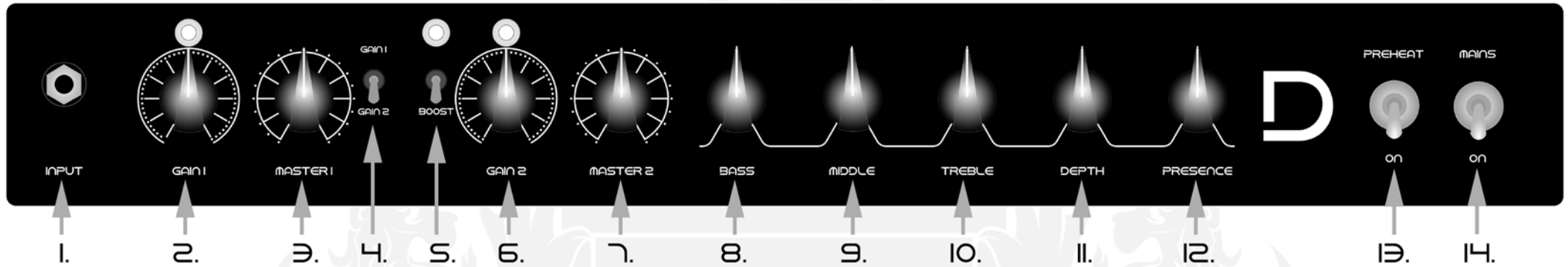
You should never attempt to service the amplifier yourself. All service work must be done by a qualified service technician.

**NEVER** attempt to bypass the fuses or fit ones of the incorrect values.

Do not attempt to remove the amplifier chassis from the headshell.

Never use an amplifier in damp or wet conditions. No objects filled with liquids should be placed on the equipment.

# FRONT PANEL CONTROLS



1. INPUT – Jack input for your guitar

2. GAIN 1 – Controls the gain level for Channel 1

3. MASTER 1 – Controls the volume for Channel 1

4. GAIN SWITCH – Selects Channel 1 or Channel 2. Channel selection operated via switch (4) or by foot-switch

5. BOOST SWITCH – When activated boosts the signal of the selected channel even further. Operated via switch (5) or by foot-switch

6. GAIN 2 – Controls the gain level for Channel 2

7. MASTER 2 – Controls the volume for Channel 2

8. BASS – Adjusts the low-frequency tone

9. MIDDLE – Adjusts the mid-frequency tone

10. TREBLE – Adjusts the high-frequency tone

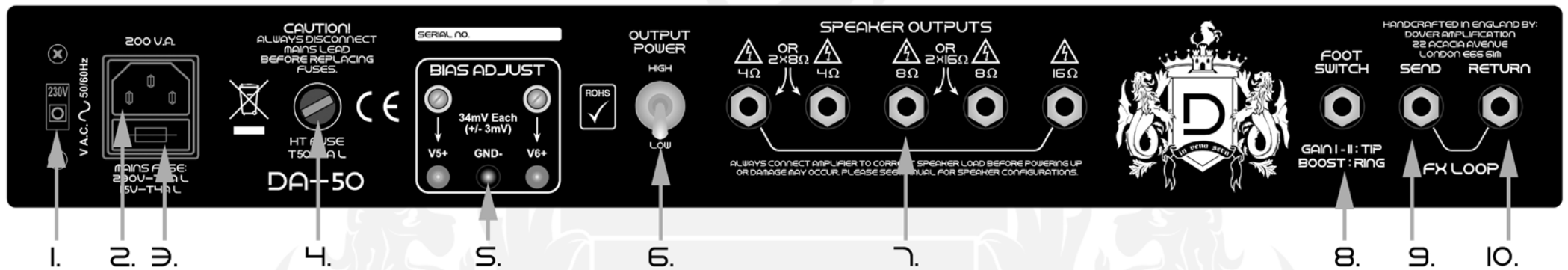
11. DEPTH – Boosts the low-frequencies to give a thicker sound

12. PRESENCE – Boosts the high-frequencies

13. PREHEAT – Disconnects H.T. or high voltage from the valves to allow them to attain correct working temperature before playing. Always turn on the Mains switch 2 minutes before activating the Preheat

14. MAINS – On/Off switch for the mains power to the amplifier

# REAR PANEL CONTROLS



**1. VOLTAGE SELECTOR** – Ensure the amplifier voltage is set correctly to match the supply voltage of the country in which it is being used.

**2. MAINS PLUG** – Connect the mains lead to your power source.

**3. MAINS FUSE** – Use only the correct size and rating fuse as specified on the rear panel. Dover Amplification ONLY use UL-approved 20 x 5mm 'T' (time delay) fuses.

**4. HT FUSE** – Protects the DC power to the valves within the amplifier. Have the amplifier tested by a qualified technician if this fuse blows repeatedly.

**5. BIAS ADJUST** – Set to correct mV bias to optimise valve performance. Biasing should only be carried out by a qualified technician

**6. OUTPUT POWER** – Switch between High (full power) or Low (half power).

**7. SPEAKER OUTPUTS** – To accommodate various speaker configurations and impedances  
One 4Ω cabinet plugs into one 4Ω output  
One 8Ω cabinet plugs into one 8Ω output  
One 16Ω cabinet plugs into one 16Ω output  
Two 8Ω cabinets plug into two 4Ω outputs  
Two 16Ω cabinets plug into two 8Ω outputs

**8. FOOTSWITCH** – By connecting the supplied footswitch to this jack input it is possible to change between Channel 1 and Channel 2, and also activate the boost switch on and off

**9. SEND** – For connection to the input of an external effects pedal, rack or processor

**10. RETURN** – For connection to the output of an external effects pedal, rack or processor



# DOVER

A M P L I F I C A T I O N

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ACCEPT NOTHING BUT THE BEST IN SOUND & QUALITY.

SEND US YOUR AMP PHOTOS AND VIDEOS, OR TAG US  
AND BECOME PART OF THE DOVER FAMILY.

Devote | Obsess | Voice | Evolve | Resonate

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