

# DOVER

AMPLIFICATION

PROUDLY DESIGNED AND HANDCRAFTED IN ENGLAND

DA-50B



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:	4 $\Omega$ , 8 $\Omega$ , 16 $\Omega$
PRE-AMP VALVES:	3 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.

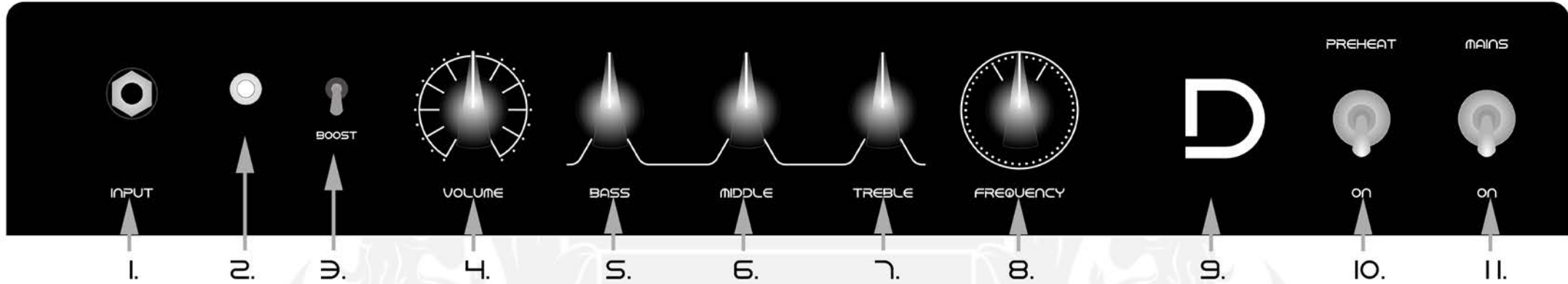
You should never attempt to service the amplifier yourself. All service work must be done by a qualified service technician.

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. **BOOST INDICATOR LIGHT** – When illuminated indicates the boost switch is engaged

3. **BOOST SWITCH** – Activates or disconnects the boost feature

4. **VOLUME** – Controls the overall volume of the amplifier

5. **BASS** – Adjusts the low-frequency tone

6. **MIDDLE** – Adjusts the mid-frequency tone

7. **TREBLE** – Adjusts the high-frequency tone

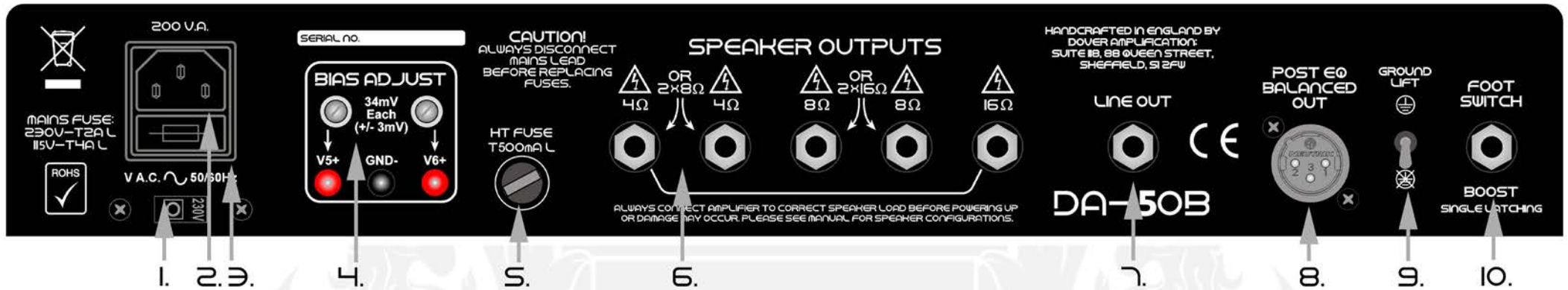
8. **FREQUENCY** – Three-way frequency switch allows the player to dial in three uniquely different voicings, essentially giving the player 3 amps in one

9. **ON/OFF INDICATOR LIGHT**

10. **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

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

**5. 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

**6. 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

**7. LINE OUT** – 1/4" jack input to send a line level signal from the amplifier to an external amplifier, P.A., mixing console or the input of an external effect.

**8. POST EQ BALANCED OUT** – XLR output connects a balanced line level signal to a mixing console, recording device or external amplifier. The signal is 'Post EQ' and thus is affected by the settings of the tone controls and the volume.

**9. GROUND LIFT** – When switch is engaged it lifts the chassis ground connection to the POST EQ BALANCED OUT (8). This should only be used if excessive nuisance hum comes from the amplifier as a result of ground loops

**10. FOOTSWITCH** – By connecting the supplied footswitch to this jack input it is possible to change between Channel 1 and Channel 2



# 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.

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AND BECOME PART OF THE DOVER FAMILY.

Devote | Obsess | Voice | Evolve | Resonate

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