

DSL1CR & DSL1HR



OWNER'S MANUAL

Marshall



INTRODUCTION

Congratulations on your purchase of this Dual Super Lead (DSL) amplifier from Marshall Amplification.

The DSL provides the legendary Marshall tone, allowing you to express your distinct playing style and attitude.

From clean to distorted overdrives, the DSL 1 is a versatile all valve amp that allows you to easily dial in the sound you desire.

This DSL amplifier not only delivers the tone you expect from a Super Lead amplifier it is also packed with an array of features such as an effects loop, power reduction and studio quality digital reverb.

Your DSL has been specifically engineered to sound great at much lower volumes than its larger counterparts. This makes the amp ideal for use at home or other quiet environments.

We hope you enjoy your DSL amplifier.

- The Marshall Team

OVERVIEW

The DSL 1 Head and DSL 1 Combo feature the same functions. The combo is equipped with an 8" Celestion Eight-15 speaker chosen for its ability to deliver exceptional tone at lower volumes.

The DSL features two foot switchable channels: CLASSIC GAIN and ULTRA GAIN.

The CLASSIC GAIN channel delivers sparkling clean sounds through to the more aggressive break-up of a Marshall JCM800 amplifier. The ULTRA GAIN channel provides even more distortion and break-up for players looking for higher gain tone from their amplifier.

Both channels share a passive three-band EQ, with BASS, MIDDLE and TREBLE controls. The EQ section also features Tone Shift, which when activated reconfigures the pre-amp mid frequencies making DSL ideal for contemporary metal tones, especially when combined with higher gain settings.

The DSL 1 features professional quality digital REVERB and a series FX LOOP, giving you rich valve tone at an ear-friendly volume.

WARNING! IMPORTANT SAFETY INSTRUCTIONS

WARNING:

Before going any further, make sure that your amplifier is compatible with your mains electricity supply. If you have any doubt, please seek help from a qualified technician – your Marshall dealer can help you with this.

MAINS INPUT & FUSE:

The specific mains input voltage rating that your amplifier has been manufactured for is indicated on the rear panel of the amplifier. Your amplifier is provided with a detachable mains (power) lead, which should be connected to the MAINS INPUT socket on the rear panel of the amplifier (*Rear Panel Function #12*). The correct value and type of mains fuse is specified on the rear panel of the amplifier.

NEVER attempt to bypass the fuse or fit one of the incorrect value or type.

TRANSPORTING YOUR EQUIPMENT:

Please ensure that your amplifier is switched off, unplugged from the mains electricity supply and all removable cables have been disconnected from your equipment before attempting to move it.

IMPORTANT SET UP INFORMATION:

1. When using the DSL1HR, or the DSL1CR with an extension speaker cabinet, you must ensure that the speaker cabinet is of the correct impedance rating. See the LOUDSPEAKER guide in this manual for specific information regarding impedance matching (*Rear Panel Function #19*).

WARNING Failure to do the above may damage your amplifier. When connecting a speaker cabinet make sure that you use a proper speaker cable. Never use a screened (shielded) guitar cable for this purpose.

2. Ensure that the POWER switch is set to the OFF position. (*Front Panel Function #11*)
3. Connect the supplied mains (power) lead into the MAINS INPUT on the rear panel first and then into the mains electricity supply. (*Rear Panel Functions #12*)
4. Ensure that the volume controls on the front panel are set to zero. (*Front panel Functions #2 & #5*)
5. Plug your guitar into the INPUT jack socket. (*Front Panel Function #1*)
6. Switch the amplifier ON using the POWER switch (*Front Panel Function #11*).
7. Turn the selected channel volume up to your preferred level and your amplifier is ready to play.

COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

This device complies with CAN ICES-3(B)/NMB-3(B)

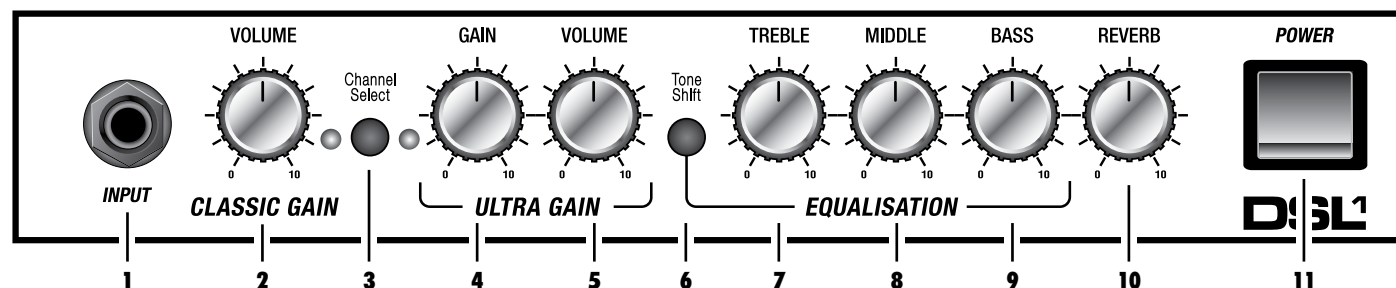
**PLEASE READ THIS MANUAL CAREFULLY
BEFORE PLUGGING IN.**

FOLLOW ALL INSTRUCTIONS AND HEED ALL WARNINGS.

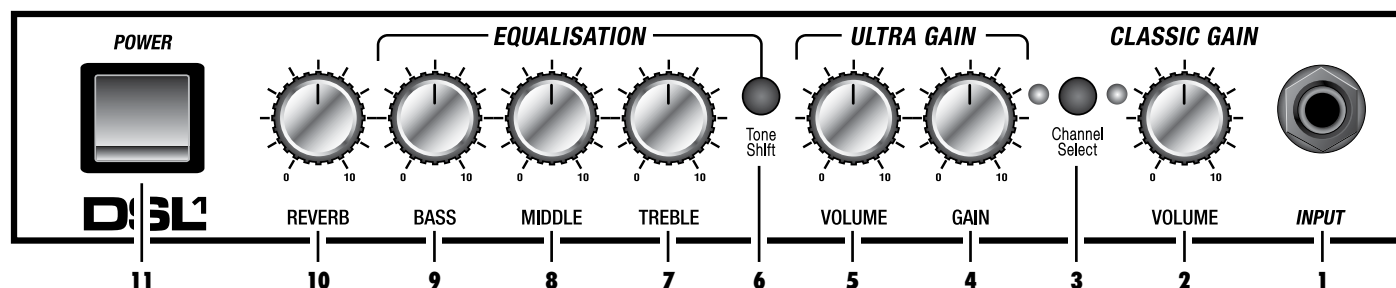
KEEP THESE INSTRUCTIONS.

FRONT PANEL FUNCTIONS

DSL1CR FRONT PANEL



DSL1HR FRONT PANEL



1. INPUT

Input jack socket for your guitar cable. Use a good quality screened/shielded guitar cable to help prevent noise interference.

CLASSIC GAIN CHANNEL

2. VOLUME

Controls the volume level of the CLASSIC GAIN channel.

3. CHANNEL SELECT

Press to switch between CLASSIC GAIN and ULTRA GAIN channels:

The CLASSIC GAIN channel status light will illuminate green to indicate that CLASSIC GAIN channel is selected.

The ULTRA GAIN channel status light will illuminate red to indicate the ULTRA GAIN channel is selected.

Note: Channels can be selected using the supplied footswitch.

ULTRA GAIN CHANNEL

4. GAIN

Controls the gain level for the ULTRA GAIN channel. Running a higher gain setting increases the level of distortion in your sound.

5. VOLUME

Controls the volume level of the ULTRA GAIN channel.

EQUALISATION SECTION

6. TONE SHIFT

Tone Shift reconfigures the preamp EQ, adding a new dimension to tonal shaping.

7. TREBLE

Controls the higher frequency content of your sound. Turning clockwise will increase the highs making the sound brighter and more crisp.

8. MIDDLE

Controls the middle register of your sound. Turning clockwise increases the level of mid frequencies in your sound. Turning anti-clockwise reduces the middle frequencies, 'scooping' the sound – this is accentuated when used in conjunction with Tone Shift (Front Panel Function #6).

9. BASS

Controls the amount of lower frequency in your sound. Turning clockwise will increase bottom-end making the sound fuller.

Tonal Note: The EQ network is dynamic and highly interactive. Please note that because of this, altering the setting of one control can change the way that the other controls behave – experiment to find your sound.

10. REVERB

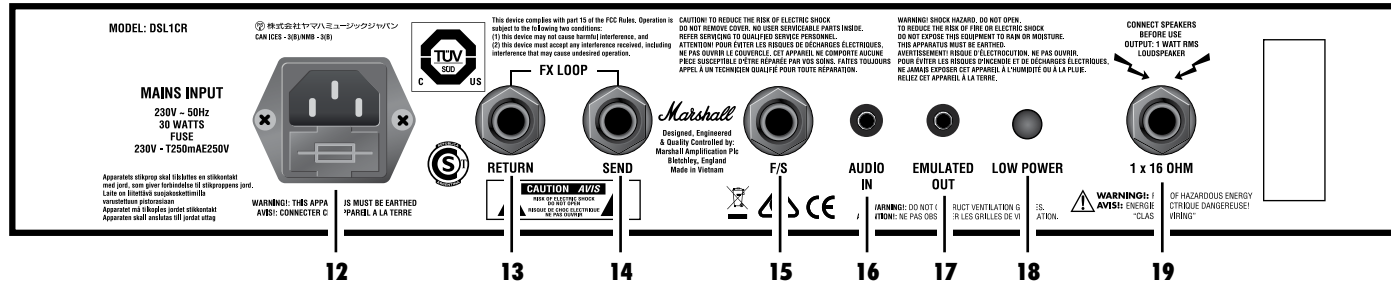
Controls the overall REVERB level.

11. POWER

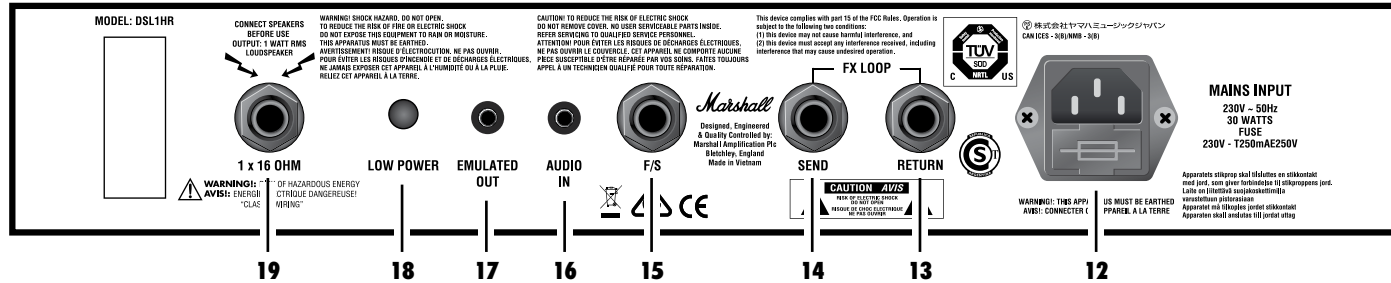
Mains power switch.

REAR PANEL FUNCTIONS

DSL1CR REAR PANEL



DSL1HR REAR PANEL



12. MAINS INPUT

Connects the amplifier to the mains electricity supply.

Note: The MAINS INPUT socket has an integrated fuse compartment. Ensure that the value of a replacement fuse matches the labelling on the amplifier rear panel. You MUST ALWAYS switch the amplifier OFF and disconnect it from the mains electricity supply before attempting to access the fuse compartment. If in doubt, contact your Marshall dealer.

13. FX LOOP RETURN

Connect the output of an external FX pedal or processor.

14. FX LOOP SEND

Connect the input of an external FX pedal or processor.

15. F/S

Connect the supplied channel footswitch here (PEDL-90011).

16. AUDIO IN

Connect an external device here to practice with or jam along to music.

17. EMULATED OUT

Frequency compensated line level output for headphones or for connection to a mixer. The DSL is equipped with a high quality emulated output using Softube-designed studio cabinet

emulation. This ensures that your headphone and output signal from this socket provide the best possible tone for practice or recording.

WARNING: When using the DSL1HR head for 'silent' practice or DI recording ALWAYS disconnect the speaker cabinet from the amplifier's rear panel before switching on. NEVER unplug the speaker cable from the speaker cabinet while it is still connected to the amplifier rear panel. This may stress the amplifier's power-stage and in extreme cases may lead to valve and/or transformer failure.

18. LOW POWER

Use LOW POWER to reduce power level from 1 Watt down to 0.1 Watt.

19. LOUDSPEAKER

Connect a single speaker cabinet here for the DSL1HR head, or a optional 1 x 16OHM extension speaker cabinet for the DSL1CR combo.

WARNING: Only ever connect a single 1 x 16 Ohm speaker cabinet. Any other speaker configuration may stress the power amplifier section and in extreme cases may lead to valve and/or output transformer failure.

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Whilst the information contained herein is correct at the time of publication, due to its policy of constant improvement and development, Marshall Amplification plc reserves the right to alter specifications without prior notice.

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