

Marshall
AMPLIFICATION

DSL
5C
5 Watt Combo

Dual Super Lead, All-Valve Combo

Owner's Manual

DSL5C

5 Watt Combo

Sincere thanks and congratulations for selecting this Dual Super Lead, all-valve DSL5C combo.

As you may know, when the JCM2000 Dual Super Lead series of amps was first introduced in 1997, we were delighted to see them get a fantastic reaction from guitar players and also the press. In fact one of the biggest American guitar magazines described the DSL100 as "The best Marshall ever? It combines the best tonal qualities and features of both modern and vintage Marshall amps in one package." Better still, when the world renowned magazine, Guitar Player, reviewed the DSL100 it printed "The Ultimate Marshall?" as a subheading on their June 1997 cover. After a very successful life, the JCM2000 series was replaced by the JVM series in 2007, which has also gone onto great success and critical acclaim. That said, there is still a great deal of respect and demand for the DSL's with one of the UK's most popular guitar magazines recently referring to the DSL100 as "the go-to rock amp."

As a result of public demand for the DSL's tonal palate the late, great Jim Marshall decided to introduce a range of affordable amps based on the popular DSL100, one of them being your DSL5C.

We would like to wish you every success with all of your musical endeavours and also your DSL amp, which We know will provide you with great tones and playing pleasure for many years to come. Welcome to the Marshall family!

Yours Sincerely,
The Marshall Team

Overview

The mindset behind the DSL5C, 5-Watt combo is a simple one – take that world renowned DSL100H tone and make it available as a compact, low wattage, all-valve unit containing 3 x ECC83 valves in the preamp and 1 x 12BH7 (or ECC99) in the power-stage.

The DSL5C features two footswitchable channels (footswitch supplied) – Classic Gain and Ultra Gain. As their names imply, each channel has a very different character. Classic Gain takes you from a shimmering, harmonic-enhanced clean to a 1959 style crunch when the Gain control is cranked. Ultra Gain, on the other hand, takes you into the world of modern, high-gain and then some.

Both channels share a passive three-band EQ with controls for Bass, Middle and Treble. The Equalisation section also features a Tone Shift button which, when activated (pushed in), shifts out the mid frequencies making the amp ideal for brutal, modern metal tones, especially when

combined with the high gain settings of the Ultra Gain channel. The Equalisation section also features a Deep switch which adds a fixed, resonant bass boost to your sound – adding girth without muddying it up.

The ability to select either the full 5 Watts of output power or low-power (0.5-Watts) via the high/low power switch on the rear panel, adds further to your new DSL's already impressive feature set. The all-round tonal and gain versatility makes your DSL5C superb and flexible performance tool for today's most demanding playing situations, and you can rest assured it is packed full of our famed Marshall tone.

Enjoy your DSL amp and please read this handbook carefully before plugging in.

Follow all instructions and heed all warnings KEEP THESE INSTRUCTIONS

Warning:

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

Mains Input & Fuse:

Your amplifier is provided with either a detachable mains (power) lead which should be connected to the mains input socket on the rear panel of the amplifier or a fixed mains (power) lead attached to the rear of the amplifier.

The specific mains input voltage rating that your amplifier has been manufactured for is indicated on the rear panel of the amplifier.

The correct value and type of mains fuse for valve amplifiers 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 and unplugged from the mains electricity supply and that all removable cables have been disconnected from your equipment before attempting to move it.

Important set up information:

1. Make sure that the cabinet(s)/speakers, where appropriate, are connected to the correct impedance LOUDSPEAKER jack(s) on the rear panel of the amplifier. See the Speaker Output guides in this handbook, if applicable, for specific information regarding impedance matching. When using an extension cabinet make sure that you are using a proper speaker cable. Never use a screened (shielded) guitar cable for this purpose.

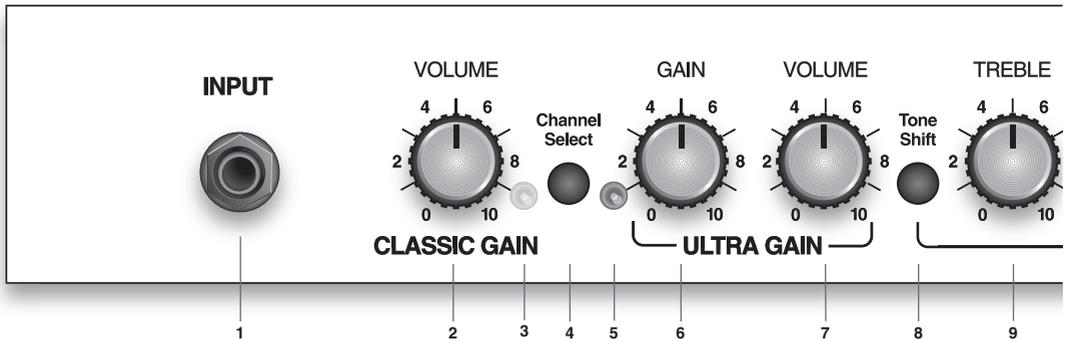
WARNING! Failure to do any of the above may damage your amplifier.

2. Ensure that the VOLUME controls on the front panel are set to zero.
3. For amplifiers provided with a detachable mains (power) lead, connect the supplied mains (power) lead into the MAINS INPUT on the rear panel first and then into an electrical outlet.
4. Plug your guitar into the INPUT jack socket on the front panel.
5. Turn the front panel POWER switch on and, if a valve amplifier, wait a couple of minutes before going to point 6, other wise go to point 7.
6. Turn the volumes up to your preferred level and your amp is ready to play.

EUROPE ONLY – Note:  This equipment has been tested and found to comply with the requirements of the EMC Directive (Environments E1, E2, and E3 EN 55103-1/2) and the Low Voltage Directive in the E.U.

EUROPE ONLY – Note: The average half-cycle r.m.s. inrush current, on initial switch-on, is **5.5 A**. the average half-cycle r.m.s. inrush current after a supply interruption of 5 s is **0.7 A**

DSL5C Front Panel Controls & Switches (from Left to Right)



1. INPUT

Input jack socket for guitar cable.

CLASSIC GAIN CHANNEL

TONAL NOTE: This channel is based on the "Clean" mode of the DSL100H's Classic Gain channel – producing a tone reminiscent of an early 1959 Plexi Super Lead head.

2. CLASSIC GAIN CHANNEL VOLUME CONTROL

Controls the volume level for the Classic Gain channel. There is a level where the maximum clean volume level is achieved, after this, the sound will start to overdrive.

3. CLASSIC GAIN CHANNEL LED

This LED lights-up green to indicate that the Classic Gain channel has been selected.

4. CHANNEL SELECTION BUTTON

Selects Ultra Gain channel when pushed in, and the Classic Gain channel when out.

ULTRA GAIN CHANNEL

TONAL NOTE: This channel is based on the "Lead 2" mode of the DSL100H's Ultra Gain channel – producing a high-gain, mid-boosted tone based on a hot-rodded JCM800 2203.

5. ULTRA GAIN CHANNEL LED

This LED lights-up red to indicate that the Ultra Gain channel has been selected.

6. ULTRA GAIN CHANNEL GAIN CONTROL

Controls the Gain level for the Ultra Gain channel. As the amount of gain increases, so will the distortion level in your sound.

7. ULTRA GAIN CHANNEL VOLUME CONTROL

Controls the volume level for the Ultra Gain channel.

EQUALISATION SECTION

8. TONE SHIFT BUTTON

The Tone Shift reconfigures the tone network adding a new dimension to passive tone shaping. When the button is pushed in and the Middle control (10) is turned down, the result is an aggressive, scooped-mid sound, ideal for many modern metal styles.

9. TREBLE CONTROL

Controls the high frequencies of the guitar tone, making your guitar sound brighter when it is turned clockwise.

10. MIDDLE CONTROL

This controls the middle register of your guitar's sound. Turning this up will make your guitar sound fatter, while turning it down will result in a sharper, "scooped" tone – especially when used in conjunction with the Tone Shift button.

11. BASS CONTROL

Controls the amount of bottom end (low frequencies) in your tone.

12. DEEP BUTTON

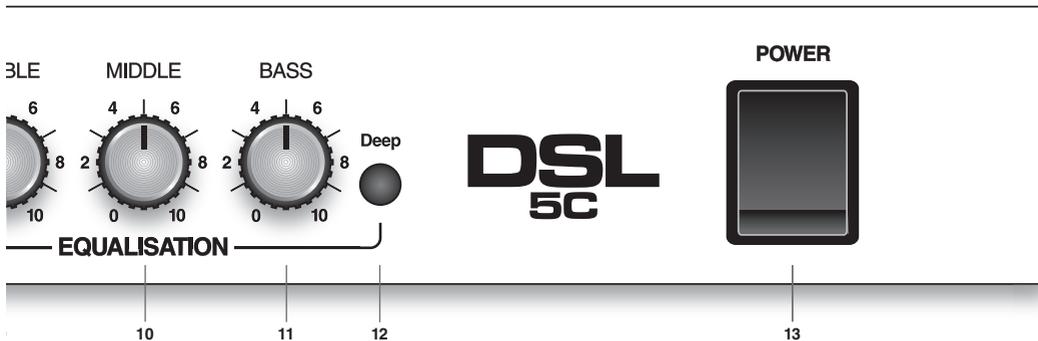
When pressed in, this switch adds a resonant bass boost to your sound, increasing bottom end thud while making your tone fatter around that all-important low end. This is a function of the power-stage.

POWER SECTION

13. POWER SWITCH

On/Off switch for mains power to the amplifier.

| (Gaps in table need filling) | | DSL5C Technical Specification | |
|------------------------------|----------------------------------|-------------------------------|-----|
| Power (RMS) | 5W | Size (mm) | |
| Speaker | 1 x G10R-30 16Ω 10" | W | 450 |
| Weight (kg) | 4.8kgs | H | 425 |
| Valves | 3 x ECC83 + 1 x 12BH7 (ECC99) | D | 253 |



DSL5C Rear Panel Features (from Left to Right)



1. MAINS INPUT SOCKET WITH MAINS FUSE

Your amp is provided with a detachable mains (power) lead, which is connected here. The specific mains input voltage rating that your amplifier has been manufactured for is indicated on the rear panel. Before connecting for the first time, please ensure that your amplifier is compatible with your electricity supply. If you have any doubt, please seek advice from a qualified technician. Your Marshall dealer will help you in this respect.

FX LOOP

2. FX LOOP SEND

For connection to the input of an external effects pedal or processor.

3. FX LOOP RETURN

For connection from the output of an external effects pedal or processor.

FOOTSWITCH

4. FOOTSWITCH JACK

For the connection of the supplied footswitch. This allows you to switch between the Classic Gain and Ultra Gain channels.

NOTE: The footswitch overrides the front panel Channel switch.

5. EMULATED LINE OUT

A speaker emulated output for connection to a recording console, live PA, or headphones. When the Power switch (5) is set to High power, this jack operates as a line output. When the power switch is set to Low, the jack operates as a headphone output. Plugging in

headphones to this jack when the power switch is set to low, will mute the speaker for private practice.

6. AUDIO

Enables the connection of an MP3 player or any similar source for practicing BUT ONLY when the amp is in headphone mode (Low Power). The signals are mixed using a HiFi mixer for high-quality, backing-track audio quality - this does not effect the tone of the guitar signal.

IMPORTANT NOTE: The Audio in input is not connected to the speaker - just the headphone out.

7. HIGH/LOW POWER MODE SWITCH

Switches the output power of the amplifier from 5W (High) to approximately 0.5W (Low). It also effects the operation of the Emulated Line Out/Emulated Headphone Out (3) as already indicated.

LOUDSPEAKER OUTPUTS

IMPORTANT OPERATIONAL NOTE: With all-valve amplifiers it is imperative that the amp is connected to a load whilst in operation and that the impedance output on the amp matches the total impedance of the speaker cabinet being used. Failure to comply with these points will result in damage to the amplifier.

8. 16Ω SPEAKER OUTPUT

For the connection of the internal speaker or an external 16Ω speaker cabinet.

IMPORTANT OPERATIONAL NOTE: The internal speaker is 16Ω.



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

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