



*Marshall*

# MG SERIES 30DFX

- 30 WATT
- 2 CHANNELS
  - ✓ CLEAN OVERDRIVE
- EQ
  - ✓ BASS
  - ✓ CONTOUR
  - ✓ TREBLE
- FOOTSWITCHING
- CD INPUT
- EMULATED
  - LINE OUT
- EMULATED
  - HEADPHONE
- DIGITAL FX
- fdm

Owners Manual

# Marshall

From Jim Marshall

I would like to thank you personally for selecting our new MG30DFX combo.

As a musician myself I fully understand the necessity of achieving the right tone and feel to help inspire you to reach your full creative potential as a guitarist – whether you are an aspiring beginner or a more advanced player. With this in mind I set my experienced R&D team the task of designing a new range of affordable MG amplifiers, that truly capture the essence of the Marshall sound.

Utilising new technologies, some of which were developed for our critically acclaimed AVT range, the new MG Series raises the standard for what can be expected from a value-for-money range of guitar amplifiers and defines a new benchmark. For example, the amp section of your MG30DFX combo boasts FDD (Frequency Dependent Damping) – a radical new feature that is exclusive to Marshall Amplification and accurately mimics the way an all-valve amplifier interacts with a loudspeaker. As a result of FDD, your new MG30DFX will give you a sound and feel never before thought possible in such an affordable, non-valve amp.

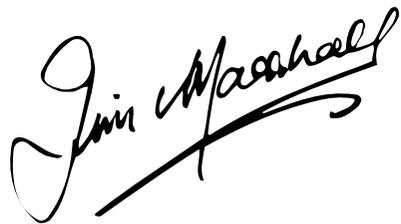
The DFX (Digital Effects) featured in the MG30DFX are custom-voiced by our in-house digital effects experts. Each one of the four effects on offer (Reverb, Delay, Chorus and Flange) has been designed to emulate the much sought after warmth and feel of analogue effects, but in a highly flexible digital format. Furthermore, a wide range of variations for each effect are quite literally at your fingertips – merely tweaking the two Digital FX controls (Preset/Adjust & FX Level) on the front panel, will give rise to sounds that range from subtle to radical, while always remaining both natural and musical.

Like all the amplifiers in the new MG range, state-of-the-art manufacturing and stringent quality control procedures ensure that this combo meets the high standard of build you have come to expect from all Marshall products. The MG30DFX was completely designed and engineered at my Headquarters in Milton Keynes, England.

Whether the MG30DFX is your first ever Marshall or is the latest addition to your arsenal of amps, the tone, flexibility and feel of this compact, rugged combo will deliver the goods – from bedroom to backstage!

I wish you every success with your new Marshall. Welcome to the family...

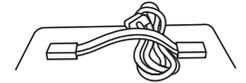
Yours Sincerely,



## WARNING! - Important safety instructions

WARNING: This apparatus must be earthed!

- A. PLEASE read this instruction manual carefully before switching on.
- B. ALWAYS use the supplied mains lead, if a replacement is required please contact your authorised Marshall Dealer.  
**Note:** Closed back equipment with non-detachable mains cord. When the equipment is not in use or is being transported, the mains cord should be gathered and retained under the top strap handle to prevent damage. See diagram.
- C. NEVER attempt to by-pass the fuses or fit ones of the incorrect value.
- D. DO NOT attempt to remove the amplifier chassis, there are no user serviceable parts.
- E. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
- F. NEVER use an amplifier in damp or wet conditions. No objects filled with liquids should be placed on the apparatus
- G. ALWAYS unplug this apparatus during lightning storms or when unused for long periods of time.
- H. PROTECT the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
- I. DO NOT switch the amplifier on without the loudspeaker connected.

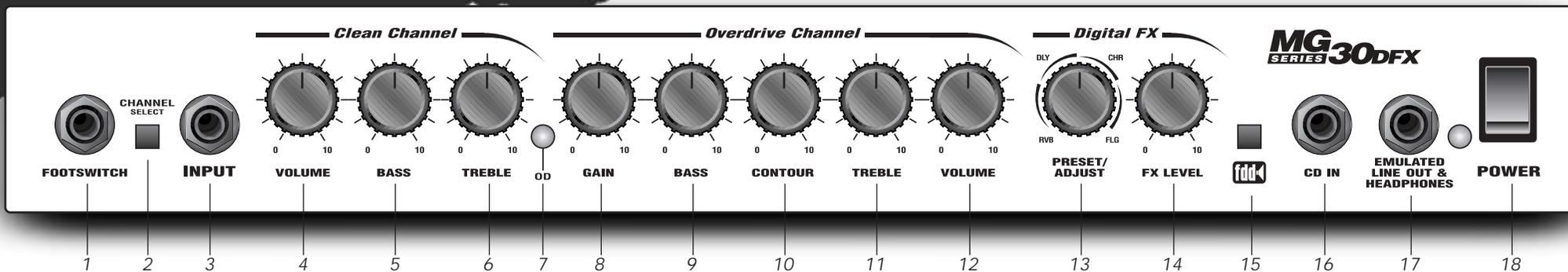


- ▶ Note: This equipment has been tested and found to comply with the requirements of the EMC directive (Environments E1, E2 and E3 EN 55103-1/2) and the Low Voltage directive in the E.U.
- ▶ EUROPE ONLY - Note: The Peak Inrush current for the MG30DFX is 5 amps.
- ▶ CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance may void the users authority to operate the equipment.
- ▶ Note: It is recommended that all audio cables used to connect to the MG30DFX are of a high quality screened type. These should not exceed 10 metres in length.
- ▶ WARNING: Always ensure free movement of air around the amplifier!
- ▶ USA ONLY - DO NOT defeat the purpose of the polarised or grounding type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Follow all instructions and heed all warnings

KEEP THESE INSTRUCTIONS !

# MG30DFX Front Panel Features



### 1. FOOTSWITCH jack

Channels on the MG30DFX can be switched via the front panel CHANNEL SELECT switch (2) or via an optional footswitch. This jack socket is for the connection of the footswitch (P801).

### 2. CHANNEL SELECT switch

This push switch allows you to change between the amp's two channels, Clean and Overdrive, via the front panel. When this switch is 'out', the Clean channel is engaged, pushing it 'in' switches to the Overdrive channel.

**Note:** When the Overdrive channel is selected, the OD LED (7) will light up red.

### 3. INPUT jack

Use a good quality guitar cable (i.e. one that's screened/shielded) to plug your guitar in here.

### 4. Clean Channel VOLUME control

When the Clean Channel is selected, this control adjusts its volume. At low settings the sound will be very clean with a pleasing, bell-like ring. Turning this control above half way will introduce a desirable, bluesy distortion as the power amplifier stage is driven into 'crunch mode'.

### 5. Clean Channel BASS control

Turning up the Bass control will add warmth and low-end depth to your clean sound. The Bass control can be used in conjunction with the FDD switch (15) to produce deep sounding, valve-like clean tones that are well defined yet still full and round.

### 6. Clean Channel TREBLE control

Increasing the Treble will make your clean sounds brighter and more cutting.

### 7. OD LED

When illuminated, this LED indicates that the Overdrive Channel has been selected.

### 8. Overdrive Channel GAIN control

Turning up the Gain control will increase the amount of preamp distortion generated in the Overdrive channel. Low Gain control settings will produce classic rock and blues tones. Crank this control for fat and aggressive sounds that are perfect for soloing or hard rock and nu-metal riffs.

### 9. Overdrive Channel BASS control

Turning up this control will add extra low-end 'thump' to high gain riffs and natural sounding warm depth to lower gain crunch tones. Using the Bass control in conjunction with the FDD switch (15) will allow you to dial in the exact amount of low-end 'thump' and tightness you are looking for.

### 10. Overdrive Channel CONTOUR control

This highly effective tone control works by radically modifying the mid-range (body) of your sound. The tone can range from traditional and woody sounding (control set at 0), to balls-to-the-wall (control set midway), to aggressive, 'scooped' and modern (turned up to 10)...and all points in-between.

### 11. Overdrive Channel TREBLE control

This important knob controls the aggressive top-end 'sizzle' you have on high gain sounds, and the 'cut' and definition of lower gain crunch tones. Experimenting with this control will help you to dial in your own signature tones on your MG30DFX.

### 12. Overdrive Channel VOLUME control

This control adjusts the volume of the Overdrive channel. The louder you make this channel, the 'looser' your amp will sound and feel – especially with the FDD switch (15) engaged. This behaviour is exactly what a good all-valve amplifier does and is a result of our proprietary FDD circuitry.

### 13. Digital FX PRESET / ADJUST control

This control serves a dual purpose. Not only does it allow you to select one of the four types of effects on offer (Reverb (RVB), Delay (DLY), Chorus (CHR) or Flange (FLG)), it also allows you to adjust a parameter as you sweep it through each of the four effect segments. The parameter you can adjust for each of the four effect segments is shown below:

Effect	Adjustable Parameter	Description
Reverb (RVB)	<b>Decay Time</b> (from short to long as you turn the Preset/Adjust control clockwise through the RVB segment)	A natural sounding Reverb that never gets harsh or grainy. Short Reverb times produce a plate-type effect while longer Reverb times result in much larger sounding hall-type effects.
Delay (DLY)	<b>Delay Time</b> (from short to long as you turn the Preset/Adjust control clockwise through the DLY segment)	Short Delay Times will automatically have less repeats for 'groovy' surf and rockabilly tones. Increasing the Delay Time automatically increases the number of repeats for a much more atmospheric, 'stadium' effect.
Chorus (CHR)	<b>Speed</b> (from slow to fast as you turn the Preset/Adjust control clockwise through the CHR segment)	At slow Speeds a mellow phase-like sweep occurs. As the Speed is increased a more traditional chorus effect is heard. At maximum Speed, a psychedelic vibrato results.
Flange (FLG)	<b>Speed</b> (from slow to fast as you turn the Preset/Adjust control clockwise through the FLG segment)	At slow Speed settings the amount of regeneration is automatically increased for huge 'jet engine-like' sweeps. As the speed is increased the regeneration decreases to produce a lush, natural sounding flange effect. When the Speed is maxed out, a fast vibrato results.

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#### 14. Digital FX LEVEL control

This controls how much of the chosen effect gets mixed in with your unaffected (dry) guitar tone. Want to hear more of the DFX you've just dialed in? Then simply turn this control up!

#### 15. FDD (Frequency Dependent Damping) switch.

Marshall's proprietary FDD circuit accurately mimics the way an all-valve amplifier interacts with the loudspeaker and adds a width and depth to your sound which has been unachievable in an affordable solid state amplifier...until now! To engage FDD simply press this switch in.

#### 16. CD IN jack

If you want to jam to your favourite CD or tape, merely connect the headphone output of your CD or tape player here, adjust the CD/tape player's volume to match that of your guitar and you've got the perfect 'play-along' practice system.

**HELPFUL HINT:** for 'silent' recording merely plug an unconnected jack plug into the headphone socket and you'll disconnect the MG30DFX's internal speaker.

#### 17. EMULATED LINE OUT & HEADPHONES jack

This jack can be used as either an Emulated Line Out or as a Headphone output. This means you can use this socket to connect your MG30DFX directly to your multi-track recording machine and you'll get a great speaker emulated guitar sound direct to disk or tape. Alternatively you can plug your headphones in here for a killer speaker emulated sound! Using this jack automatically mutes your MG30DFX's internal speaker allowing you to record or practice in 'silence'. For this very reason, this jack will be your neighbour's favourite feature on your MG30DFX – along with the Power Switch (18), of course!

#### 18. POWER Switch & LED

The power switch turns your amplifier on and off. The LED will be lit when your amplifier is on and will not be lit when the amplifier is switched off.

**Note:** Before connecting to the mains electricity supply, always ensure that your electricity supply is compatible with your amplifier, as detailed on the rear panel.

Please ensure the amplifier is switched off and unplugged from the mains electricity supply before being moved.

# MG30DFX

SERIES

## Suggested Settings

Here follows four sample settings to act as starting points from which to develop your own sounds.

N.B. Volume should be adjusted to taste.

Bright Clean

Classic Crunch

Screaming Lead

Metal

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Technical Specification  
Especificaciones técnicas  
Technische Daten  
Caractéristiques techniques  
技術情報

**MG**  
**SERIES 30DFX**

<b>Power Output</b>	<b>30W RMS into 4Ω</b>
Potencia de salida	30W RMS sobre 4Ω
Ausgangsleistung	30W RMS an 4Ω
Puissance de sortie	30W RMS sous 4 ohms
パワー出力	30W RMS / 4Ω 接続
<b>Main Guitar • Input Impedance</b>	<b>1MΩ</b>
Impedancia de entrada principal de guitarra	1MΩ
Guitar • Input Eingangsimpedanz	1MΩ
Impédance d'entrée	1MΩ
メインギター・入カインピーダンス	1MΩ
<b>CD Input • Input impedance</b>	<b>3.3kΩ</b>
Impedancia de entrada de CD	3.3kΩ
CD Input • Eingangsimpedanz	3.3kΩ
Impédance d'entrée CD	3.3kΩ
CD入力・入カインピーダンス	3.3kΩ
<b>Emulated Output • Level</b>	<b>+4dBV</b>
Nivel de salida de línea simulada	+4dBV
Emulated Output • Ausgangspegel	+4dBV
Niveau de sortie	+4dBV
エミュレート出力・レベル	+4dBV
<b>Weight</b>	<b>9.6kg</b>
Peso	9.6kg
Gewicht	9.6kg
Poids	9.6kg
重量	9.6kg
<b>Size (mm) Width, Height, Depth</b>	<b>476mm x 408mm x 240mm</b>
Tamaño (mm)	476mm x 408mm x 240mm
Maße (mm)	476mm x 408mm x 240mm
Taille (mm)	476mm x 408mm x 240mm
サイズ	476mm x 408mm x 240mm

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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.