

# Marshall

AMPLIFICATION



Acoustic

# AS50R

Soloist

OWNERS MANUAL

# Marshall



## From the Chairman

*I would like to thank you personally for selecting the AS50R, Acoustic Soloist combo.*

*The Marshall name has been associated with many fine products over the years and our commitment to quality remains as constant today as it did right back at the birth of Marshall Amplification back in 1962.*

*In the case of the Acoustic Soloist, much time and research has gone into making the sound as natural as possible. As all of my designers are also guitarists, they fully understand the needs of the player and bring their expertise to bear on all our products. You can also rest assured that every Marshall amplifier has been designed and engineered to the highest possible standards, so as a result will stand the test of time and constant use.*

*I strongly suggest that you read this handbook carefully before using your AS50R and then keep it on hand for future reference.*

*I am certain that you will get great enjoyment from your Marshall Acoustic Soloist combo and wish you every success with it.*

*Yours Sincerely,*

## Introduction

The AS50R is a compact and portable 50 Watt combo amplifier specially designed for use with acoustic instruments. Between its two channels, this combo has the flexibility to handle instruments with transducers, such as piezo or magnetic pick-ups (channel 1), or microphone for either vocal or instrument reproduction (channel 2).

The built-in Chorus effect is assignable to either or both channels and the Reverb can be controlled and balanced between the channels to create just the right ambience. If you want to add further effects, then there is an on-board parallel effects loop which can be balanced between the channels in the same way as the Reverb.

One of the most difficult aspects of amplifying some acoustic instruments is feedback. To help you eliminate this, the AS50R features several 'anti-feedback' controls, including a Phase switch and a frequency controllable Notch Filter. The combination of these two elements will give you precise control of the frequencies where feedback is likely to occur and help you to eliminate them.

For clear and detailed performance, the AS50R is loaded with two 8" speakers and a high efficiency piezo tweeter. There is also an internal limiter which allows you to push the maximum level from the 50 Watt output, whilst remaining distortion free.

Neat and compact, flexible and portable, the AS50R is the ideal amplifier for the acoustic player who wants a system as suitable for small gigs as it is at home.

## Front Panel Features

### Channel 1 - Acoustic Instrument Channel

#### 1. Input Jack

Plug the lead from your guitar in here. The high impedance of this input will help you to get the best from the passive or active piezo or magnetic pick-ups.

#### 2. Volume Control

Controls the volume level of the Acoustic Channel 1. A good place to start with this control is the half way, or 12 o'clock position, then adjust according to the sensitivity of your pick-up.

#### 3. Bass Control

Adjusts the amount of bass, or bottom end of the instrument's tone. Care should be taken when setting this control as adding excessive bass can cause unnatural howling. Again, the half way position is the best place to start.

#### 4. Treble Control

Adjusts the treble, or top end of your sound. Careful adjustment will make your high notes lively but not too harsh. It is worth noting that set in higher positions, this control will induce a certain amount of noise.

### Channel 2 - Microphone / Aux Channel

#### 5. Phono Inputs

Inputs to take connection from a tape or CD player.

#### 6. Microphone Input

Balanced XLR type input for connection of a microphone and suitable for vocal or instrument applications.

#### 7. Jack Input

Input to take any source, such as a drum machine, keyboard, etc.

#### 8. Volume Control

Controls the volume level of the Microphone / Aux Channel 2. A good place to start with this control is the half way, or 12 o'clock position, then adjust according to the sensitivity of your pick-up

#### 9. Bass Control

Adjusts the amount of bass, or bottom end of your sound. Care should be taken when setting this control as adding excessive bass can cause unnatural howling. Again, the half way position is probably the best place to start.

#### 10. Treble Control

Adjusts the treble, or top end of your sound. Careful adjustment will make your high notes lively but not too harsh. It is worth noting that set in higher positions, this control will induce a certain amount of noise.

### Master Section

#### 11. Chorus Assign Switches

Allows the built in Chorus effect to be selected on either channel individually, or both channels together.

#### 12. Chorus Speed Control

Controls the speed of change of frequency for the built-in Chorus effect.

#### 13. Chorus Depth Control

Controls the amount of change of the frequency shift for the built-in Chorus effect.

*Note: When using the Chorus, higher speed settings usually sound better with lower depth settings and vice versa. Experiment to find which selection suits you best.*

#### **14. Reverb Balance Control**

*Controls the balance of the Reverb effect and the parallel effects loop between Channel 1 and Channel 2.*

#### **15. Reverb Level Control**

*Controls the overall level of the Reverb effect.*

#### **16. Phase Switch**

*Switching the phase can considerably reduce the amount of low frequency acoustic feedback.*

#### **17. Notch Filter Switch**

*Further feedback reduction can be achieved using the selectable frequency notch filter. When activated, the filter cuts by 10dB the frequency selected using the rotary control (item 18).*

#### **18. Frequency Control**

*If feedback occurs when the Master Volume is set to the desired performance level, select the switch (item 17) and rotate this control until the offending frequency is eliminated.*

#### **19. Master Volume**

*Controls the overall volume output from the amplifier.*

#### **20. Power Switch**

*This is the On/Off switch for the mains power to the amplifier. When it is switched 'On', the switch will light. Please ensure the amplifier is switched off and unplugged from the mains electricity supply before being moved.*

## **Rear Panel Features**

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### **1. Mains Input**

*Your amp is provided with a detachable mains (power) lead that is connected here. The specific mains input voltage rating that your amplifier has been built for is clearly marked on the back panel. Before connecting for the first time, please ensure that your amplifier is compatible with your electricity supply. If you have any doubts, please get advice from a qualified person. Your Marshall dealer can help you in this respect.*

### **2. Footswitch Jack**

*Jack socket for connection of the optional footswitch (model PEDL-10029) for switching the Reverb and Chorus functions on and off.*

### **3. Line Out Jack**

*Jack socket for connection to home recording or other external equipment with jack inputs.*

### **4. DI Out**

*XLR type output for connection to PA or similar external equipment.*

***Note:** Both the Line Out and DI out carry exactly the same signal at different levels and both are placed before the Master Volume so changing the overall level of the amplifier will not affect the signal from the DI or Line Output.*

### **5. Effects Send Jack**


*Jack socket to connect to the input of an external effects processor.*

### **6. Effects Return Jack**


*Jack socket to connect to the output of an external effects processor.*

# AS50R Technical Specification

<b>Power Output</b>	<b>50W RMS into 4Ω</b>
Potencia de salida	50W RMS sobre 4Ω
Ausgangsleistung	50W RMS an 4Ω
Puissance de sortie	50W RMS sous 4 Ohms
<b>パワー出力</b>	<b>50W RMS / 4Ω 接続</b>
<b>Main Guitar • Input Impedance</b>	<b>1 MΩ</b>
Impedancia de entrada principal de guitarra	1 MΩ
Guitar • Input Eingangsimpedanz	1 MΩ
Impédance d'entrée	1 MΩ
<b>メインギター・入カインピーダンス</b>	<b>1 MΩ</b>
<b>Line Output • Level</b>	<b>-10dBV</b>
Nivel de salida de línea simulada	-10dBV
Line Output • Ausgangspegel	-10dBV
Niveau de sortie	-10dBV
<b>ライン出力・レベル</b>	<b>-10dBV</b>
<b>FX Send</b>	<b>+4dBV</b>
Nivel de envío FX	+4dBV
FX Send	+4dBV
Niveau de sortie d'effet	+4dBV
<b>FXセンド</b>	<b>+4dBV</b>
<b>Microphone • Input Impedance</b>	<b>1 kΩ</b>
Microphone • Impedancia	1 kΩ
Microphone • Input Eingangsimpedanz	1 kΩ
Microphone • Impédance d'entrée	1 kΩ
<b>マイク・入カインピーダンス</b>	<b>1 kΩ</b>
<b>Weight</b>	<b>16kg</b>
Peso	16kg
Gewicht	16kg
Poids	16kg
<b>重量</b>	<b>16kg</b>
<b>Size (mm)</b>	<b>542 x 416 x 261</b>
Tamaño (mm)	542 x 416 x 261
Maße (mm)	542 x 416 x 261
Taille (mm)	542 x 416 x 261
<b>サイズ</b>	<b>542 x 416 x 261</b>

◯ **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 Peak Inrush current for the AS50R is 5 amps.

◯ **GILT NUR FÜR EUROPA**  - **Hinweis:** Dieses Gerät entspricht den Anforderungen der EMC Richtlinien (Anlagen E1, E2 und E3 EN 55103-1/2) und den Anweisungen für Niederspannung der E.U. und wurde entsprechend getestet.

◯ **GILT NUR FÜR EUROPA** - **Hinweis:** Die Stromspitze beim Einschalten liegt beim AS50R bei 5 Ampere.

◯ **SÓLO PARA EUROPA**  - **Note:** Este equipo ha sido examinado y se ha comprobado que cumple la normativa EMC (Apartados E1, E2 y E3 EN 55103-1/2) y la normativa de Baja Tensión de la U.E.

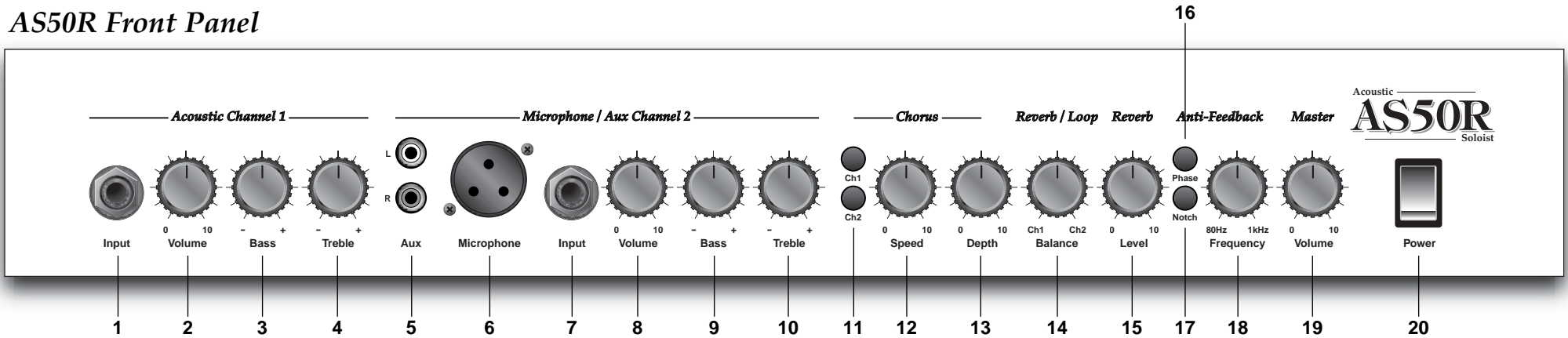
◯ **SÓLO PARA EUROPA** - **Nota:** La corriente de pico en el encendido de los AS50R es de 5 amperios.

◯ **EUROPE UNIQUEMENT**  - **Remarque:** Ce matériel a été testé: il est conforme aux directives européennes EMC (Environnement E1, E2 et E3 EN 55103-1/2) et aux directives sur les appareils basse tension.

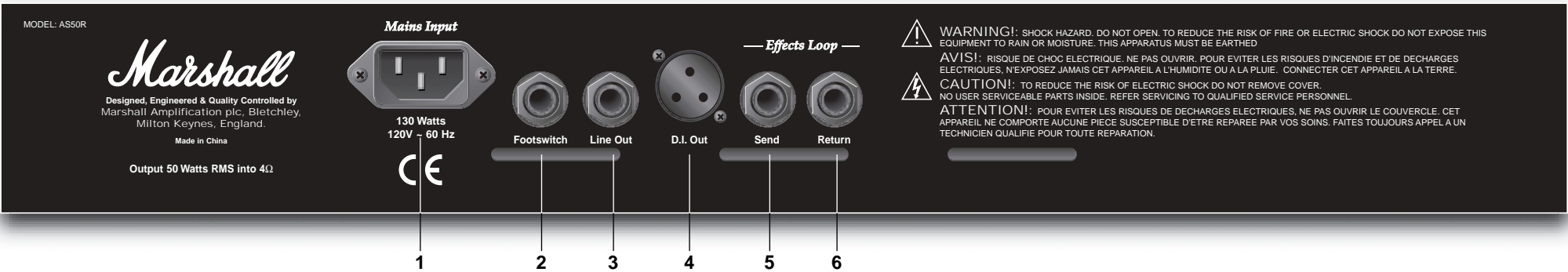
◯ **EUROPE UNIQUEMENT** - **Remarque:** La consommation en crête des modèles AS50R est de 5 ampères.

Keep these instructions • Conserve estas instrucciones • Bewahre diese Bedienungsanleitung gut auf.  
Conservez toutes ces instructions • この取扱説明書は保存してください。

## AS50R Front Panel



## AS50R Rear Panel



## AS50R Block Diagram

