



*Marshall*



**AS50R**

**AS50R**  
**ACOUSTIC SOLOIST COMBO**



## **From Jim Marshall**

*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,*

# Marshall

## WARNING! - Important safety instructions

- A. **ALWAYS** fit a good quality mains plug conforming to the latest B.S.I. standards where necessary (UK only).
- B. **NEVER** attempt to by-pass the fuses or fit ones of the incorrect value.
- C. **NEVER** attempt to replace fuses or valves with the amplifier connected to the mains.
- 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 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.
- 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.
- J. **ENSURE** that any extension cabinets used are of the correct impedance.
- K. **PLEASE** read this instruction manual carefully before switching on.

Follow all instructions and heed all warnings.

**WARNING :** This apparatus must be earthed!

**WARNING :** Do not obstruct ventilation grille and 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.

### KEEP THESE INSTRUCTIONS

## 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.

## AS50R 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 Instrument channel. 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 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 drum machine, keyboard etc.

#### 8. Volume Control

Controls the volume level of the Microphone Aux channel. 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.

#### 18. 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

Turns the amplifier on/off, with neon indicator to show the 'on' position.

## AS50R Rear Panel Features

### 1. Mains Input

*Plug your mains lead in here.*

### 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.*

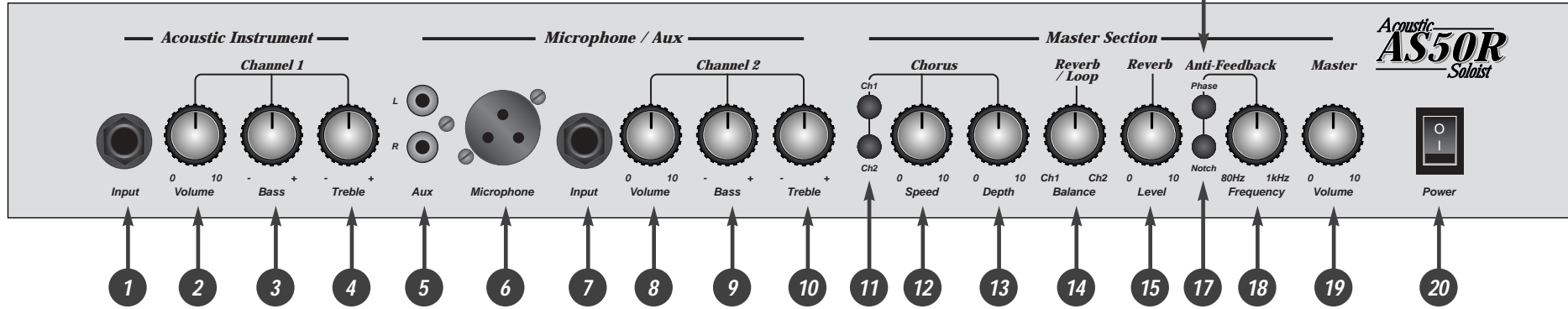
### 5. Effects Send Jack

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

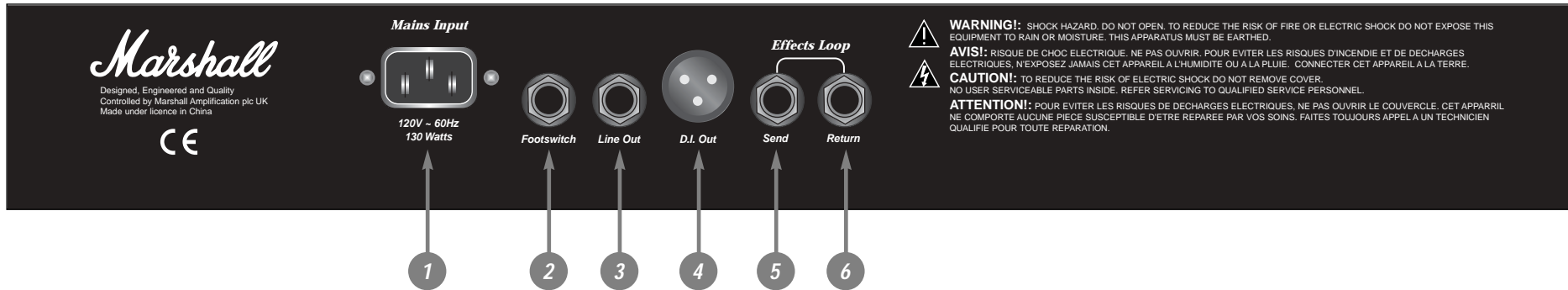
### 6. Effects Return Jack

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

### AS50R Front Panel



### AS50R Rear Panel



### AS50R Flow Diagram

