

*Marshall*  
AMPLIFICATION



**Ext. Cabinets**

## Introduction

Thanks to their sonic excellence and outstanding roadworthiness, Marshall cabinets have become the backbone of countless set-ups the world over. From major international festivals, to local pubs and clubs, the Marshall cab has come to personify the image of rock music with its brooding, on-stage presence - both visually and aurally.

This success is no accident; it is the product of many years worth of hard work, experience and listening. Many of our cabinet construction techniques have changed very little since the Guv'nor, Jim Marshall, hand-built his very first cabinet back in 1962. We still use the finest materials available and build all our cabinets to truly stand the test of time. We also carefully select the loudspeakers that best suit the particular purpose for which each cabinet is intended and test them exhaustively for optimum performance.

The purpose of this handbook is to offer some practical advice and general tips on cabinet usage. Please read it carefully and keep it in a safe place.

The fact that so many players use Marshall cabinets is a fitting testament to the quality and craftsmanship which goes into each and every one. With proper care and attention, there is no reason why your Marshall cabinet shouldn't last you a lifetime!

### 4x12 Mono/Stereo Switching Facilities (1960A, 1960B, 1960AV & 1960BV).

To ensure maximum flexibility, four of our 4 x 12 cabinets boast a Mono/Stereo switching system on the back. When 'Stereo' mode is selected, the cabinet is split into two 8 Ohm 'halves' for use with a stereo power amp (e.g.: EL34 100/100, EL34 50/50, EL84 20/20, 8008 or VS 120/120) such as used in a rack system. When 'Mono' is selected you are offered two different impedance inputs (4 Ohms or 16 Ohms) from which to choose. **Always** ensure you select the correct one to match the impedance of your amplifier and **NEVER** use both inputs at the same time when the cabinet is in 'Mono' mode.

#### 1) Mono/Stereo Selection Switch.

Selects either Stereo or Mono operation mode.

#### 2) Right\* input

When switch (1) is set to:

i) Stereo, this provides connection to the right\* side pair of speakers.

Rated at 8 Ohms.

ii) Mono, this provides connection to all four speakers. Rated at 4 Ohms.

#### 3) Left\* Input

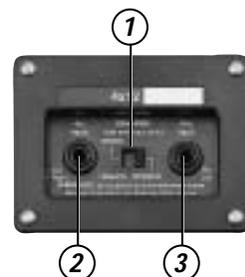
When switch (1) is set to:

i) Stereo, this provides connection to the left\* side pair of speakers. Rated at 8 Ohms.

ii) Mono, this provides connection to all four speakers. Rated at 16 Ohms.

\*Note: No, we're not insane here! 'Right' & 'Left' here refers to the two stereo sides of the cabinet as seen (and heard!) when facing the front of the cab.

**WARNING! Do not switch to mono with stereo inputs**



### 2x12 Stereo Selection Facilities

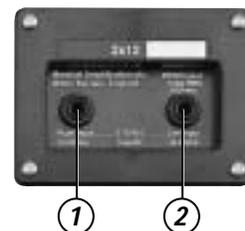
Some of our 2x12 cabinets are fitted with a Mono/Stereo selection plate on the back. This enables you to split the cabinet into two halves for use with a stereo set-up if you so desire.

#### Mono usage:

Use the input marked MONO (2), the impedance of which is clearly indicated above the jack.

#### Stereo usage:

Use both inputs (1 & 2). Once again the impedance of each is clearly marked.



## WARNING! - Important safety instructions

### FOLLOW ALL INSTRUCTIONS AND HEED ALL WARNINGS

Please read the instruction manual for this speaker cabinet and any other equipment to be used with this speaker cabinet carefully before use.

- Never** use a speaker cabinet or associated equipment in damp or wet conditions. No objects filled with liquids should be placed on the apparatus. When cleaning, only use a dry cloth.
- Do not** attempt to remove or re-wire the internal speakers or any other components within the speaker cabinet.
- Refer all servicing to qualified personnel.** Servicing is required when the speaker cabinet has been damaged in any way, such as liquid being spilled or objects falling into it, the speaker cabinet being exposed to rain or moisture, the speaker cabinet not operating normally or being dropped or damaged in any way.
- Ensure all** associated equipment is **switched off and unplugged** from the mains before connecting or disconnecting the speaker cabinet.
- Always** Plug the speaker lead into the speaker cabinet before plugging it into the amplifier.
- Ensure** any associated equipment is **switched off and unplugged** from the mains in the event of lightning storms or if unused for long periods of time.
- Always ensure** that the supplied speaker lead is used to connect the speaker cabinet to associated equipment.
- Protect the speaker lead** from being walked on, pinched or having heavy objects rolled over it. Ensure the speaker lead is not entangled with any other lead. If a replacement speaker lead is required please contact your authorised Marshall Dealer.
- If the speaker cabinet has switchable impedance, please **ensure that the correct impedance is selected** and that any associated equipment impedance settings are also correctly set.
- If the speaker cabinet has mono/stereo switching capability, ensure that the switch is in the correct position for the desired operation.
- Always move or transport speaker cabinets individually. **Never attempt** to move or transport speaker cabinets if they have other cabinets or associated equipment stacked on or under them.
- Always ensure** that the speaker cabinet is on a level surface, whether used or stored individually, or as a speaker cabinet stack, and/or with associated equipment placed underneath or on top.
- Marshall speaker cabinets should only be stacked with compatible Marshall speaker cabinets. **Never attempt** to stack another manufacturer's speaker cabinet with a Marshall speaker cabinet. If you are unsure, contact your authorised Marshall Dealer.

**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).

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

**KEEP THESE INSTRUCTIONS**