

Marshall

SERIES 9000

Series 9000 Handbook

The range consists of the following:

- MGP 9001 _____ Stereo Valve Pre-amp
MGP 9005 _____ Stereo Valve 50 watt + 50 watt Power amp
MGP 9060 _____ Stereo Mosfet 300 watt + 300 watt Power amp
MGP 9040 _____ Stereo Mosfet 200 watt + 200 watt Power amp



Introduction

I would like to thank you personally for selecting one of my new Series 9000 rack units.

My company has been totally committed to the design and manufacture of the finest amplification systems possible for over a quarter of a century.

As more complex guitar styles have developed, so we have developed more complex amplifiers to deliver the variety of sounds demanded by the advancing guitarist.

The Series 9000 involved months of careful research and development by a dedicated team, assisted by the latest computer aided design systems and the highly specialised testing equipment placed at their disposal, with the sole aim of producing the best and most flexible rack system available today.

The highest quality componentry and hardware was selected, then thoroughly tested to out-perform its required functions, ensuring the reliability, which has always been the Marshall hallmark.

At every stage, rigorous testing by demanding players confirmed that all the sounds and functions are those which the modern guitarist requires, whatever their playing style may be.

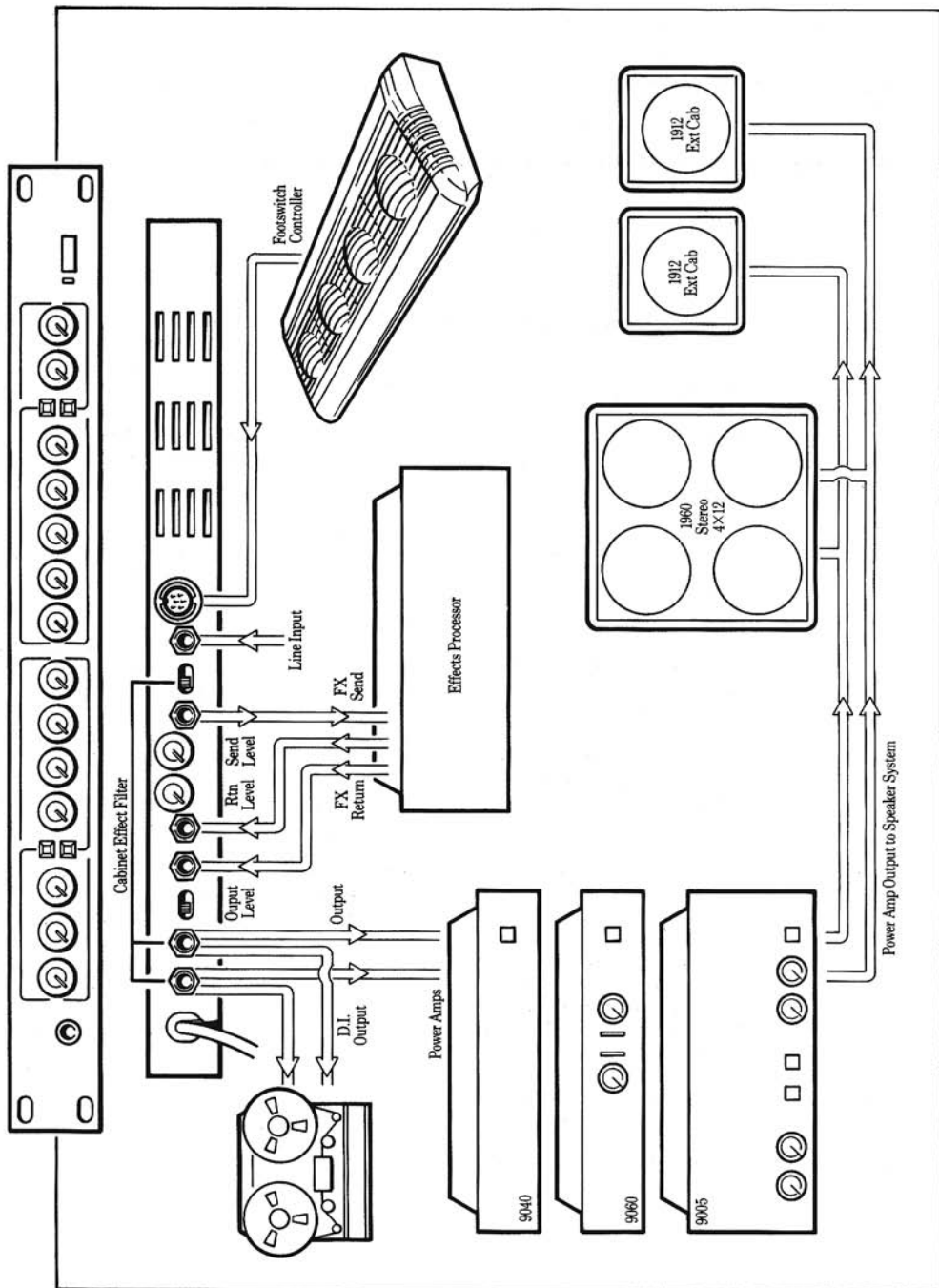
By combining the great Marshall traditions with the latest technology and research facilities, a truly outstanding product range has resulted, for the guitarist of today.

Please be sure to read this handbook carefully before operating your Series 9000 unit.

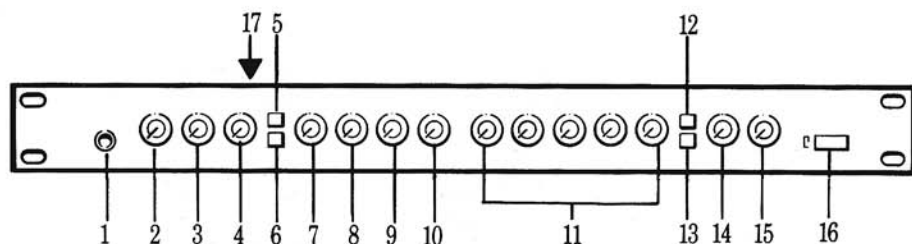
Again, thank you sincerely.

Managing Director

Series 9000 Connection Diagram

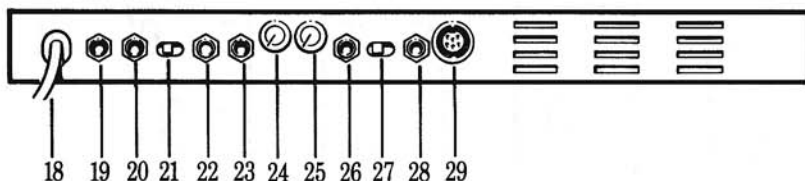


Model MGP 9001 Front Panel Functions



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|---------------------------|---|------------------------------------|--|
| 1. Input Jack | Connects the instrument to the pre-amp unit. | 11. 5 Band Rotary E.Q. Section | Bass, Lo-Mid, Mid, High-Mid and Treble rotary tone controls. (N.B. The interaction between these controls is quite extreme, therefore the tone can be altered quite dramatically by small adjustments). |
| 2. Rhythm Drive Control | Controls the rhythm gain for both clean (R1) and crunch (R2) selections. | 13. Effects Indicator Switch | Push switch for effects on/off. Also indicates red when this function is activated. |
| 3. Rhythm 2 Voice Control | Provides the E.Q. voicing facility on R2. | 14. Effects Mix Control | Controls the level of effects to dry signal. Counter clockwise — dry, clockwise — effects only, midway — mix. |
| 4. Rhythm Balance Control | Controls the level balance between R1 and R2. R1 counter clockwise — R2 clockwise. | 15. Output Level Control | Controls the overall level of the pre-amp output. |
| 5. R2 Indicator Switch | Push switch for selecting R2 manually. Also indicates red when this function is activated. | 16. Mains Power Switch and LED | On/off switch for mains power with L.E.D. on indicator. |
| 6. Lead Indicator Switch | Push switch for selecting lead mode manually. Also indicates red when this function is activated. | 17. Clean Rhythm (R1) Trim Control | Located through the lid. Turning this unique control with a screwdriver changes the character of the pre-set clean sound — adding extra crispness and “glassiness” where required. Counter clockwise — mellow Clockwise — bright |
| 7. Lead Drive 1 Control | Provides the initial gain level of the lead channel. | | |
| 8. Lead Drive 2 Control | Provides the secondary gain level of the lead channel. (N.B. high settings of drive 1 give different distortion textures to high settings of drive 2 — and vice versa). | | |
| 9. Lead Voice Control | Provides the E.Q. ‘voicing’ facility for the lead mode. | | |
| 10. Lead Master Control | Controls the overall level of the lead section. | | |

Rear Panel Functions Model MGP 9001



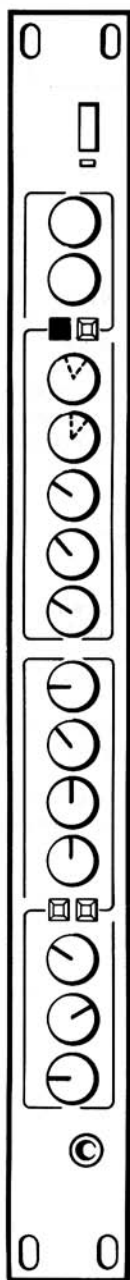
18. Mains Power Cord	For connection to the mains power supply.	24. Effects Return Level Control	Rotary level control for matching the level of external effects processor.
19. Right Output Jack	Provides the output signal to the right hand channel of the power amp or mixer.	25. Effects Send Level Control	Rotary level control for matching the pre-amp send signal to the input level of external effects processor.
20. Left Output Jack	Provides the output signal to the left hand channel of the power amp or mixer.	26. Effects Send Jack	Output for linking to the input socket of external effects processor.
21. Output Level Selector Switch	Three way selector for switching the output level between +4dBm, -10dBv and -20dBv.	27. Cabinet Effect Filter Switch	On/off switch which introduces a speaker simulation effect on the pre-amp output for direct injection purposes.
22. Effects Return Jack (Right or Mono)	For connection to external stereo effects processor output socket (Right hand signal). Also acts as the return for a mono effects processor if used.	28. Line Input Jack	Input for connection of line level equipment.
23. Effects Return Jack (Left)	For connection to external stereo effects processor output socket (left hand signal).	29. Footswitch Input Socket	For the connection of the external footswitch controller.

Note: When valve replacement becomes necessary use only high quality Marshall ECC83/12AX7 valves. If in doubt refer to a qualified Marshall service engineer.

MGP 9001 Pre-amp Suggested Settings

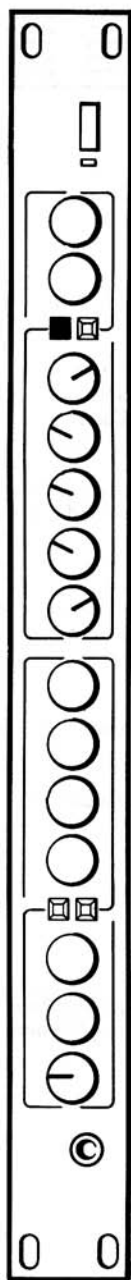
1. Start up

Basic general settings for good clean, crunch rhythm and lead overdrive sounds.



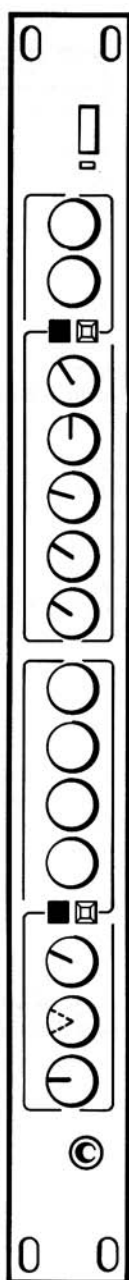
2. Clean

E.Q. optional



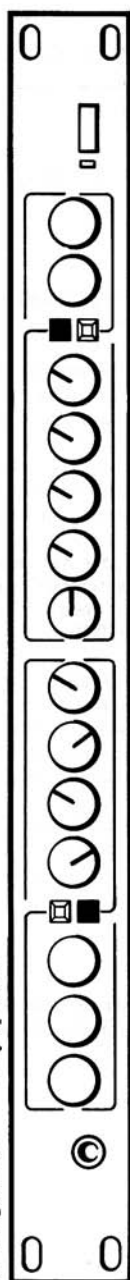
3. Crunch Rhythm

E.Q. optional



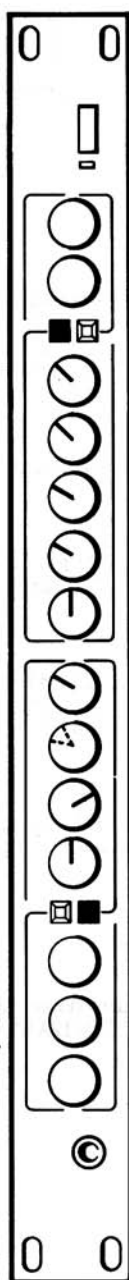
4. Bright Lead

E.Q. optional

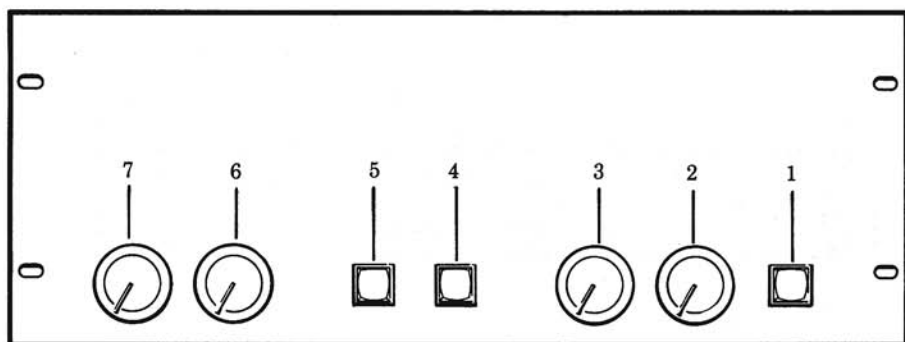


5. Fat Lead

E.Q. optional

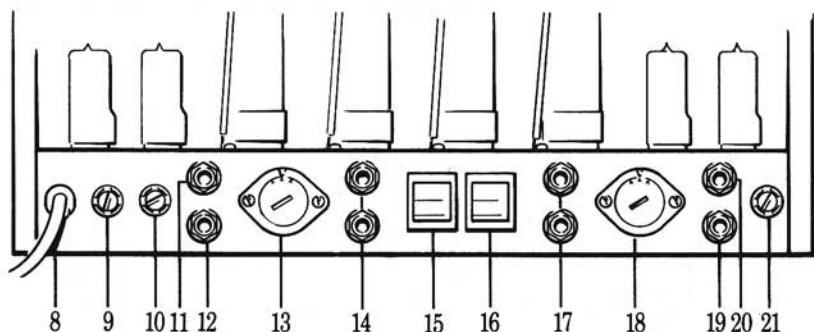


Model MGP 9005 Front Panel Functions



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| 1. Power Switch | On/off switch for mains power. | 5. Standby Switch (Channel A) | Standby push switch for channel A. (Similar functions to item 4). |
| 2. Gain Control (Channel B) | Rotary control for the level of channel B only. | 6. Presence Control (Channel A) | Rotary presence control for channel A only. |
| 3. Presence Control (Channel B) | Rotary presence control for channel B only. | 7. Gain Control (Channel A) | Rotary control for the volume level of channel A only. |
| 4. Standby Switch (Channel B) | Standby push switch for channel B. Allows the amplifier to be turned off whilst the tube filaments remain warm. Thus keeping the amp constantly ready for use. | | |

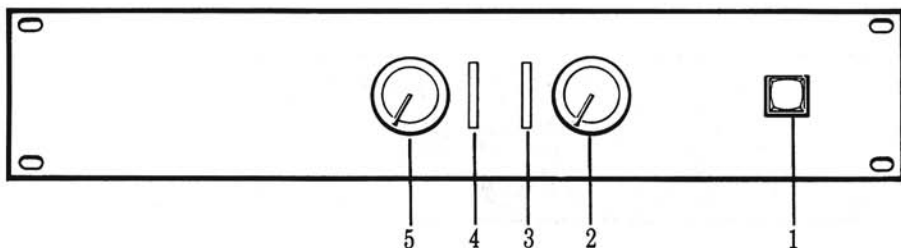
Model MGP 9005 Rear Panel Functions



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| 8. | Mains Connector | Connection cable to mains power supply. | 15. | Output Power Switch (Channel B) | Switches the channel B output from 'pentode' or 'triode' operation giving either 25 or 50 watts. |
| 9. | Mains Fuse | Refer to the label on the back of the amp for correct fuse value. | 16. | Output Power Switch (Channel A) | Switches the channel A output from 'pentode' or 'triode' operation giving either 25 or 50 watts. |
| 10. | H T Fuse (Channel B) | H T fuse for channel B only. Refer to the label on the back of the amp for the correct fuse value. | 17. | Loudspeaker Outputs (Channel A) | Twin jack socket speaker outputs for channel A only. |
| 11. | Input (Channel B) | Jack input to power amp channel B. | 18. | Output Selector (Channel A) | Matches the channel A output transformer impedance to the loudspeaker load impedance i.e. 4, 8 or 16 ohms. |
| 12. | Link Output (Channel B) | Jack socket to link to further power amplifiers (channel B only). | 19. | Link Output (Channel A) | Jack socket to link to further power amplifiers (channel A only). |
| 13. | Output Selector (Channel B) | Matches the channel B output transformer impedance to the loudspeaker load impedance (i.e. 4, 8 or 16 ohms). Speaker impedance should be marked on the cabinet — if in doubt check with supplier. | 20. | Input (Channel A) | Jack input to channel A. (N.B. this input drives both channels A&B if used in mono mode). |
| 14. | Loudspeaker Outputs (Channel B) | Twin jack socket speaker outputs for channel B only. | 21. | H T Fuse (Channel A) | Refer to the label on the back of the amplifier for correct fuse value. |

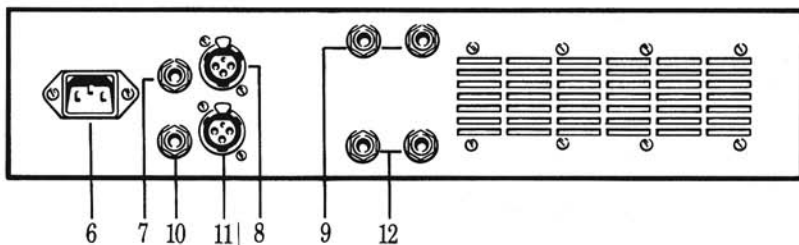
Note: When valve replacement becomes necessary use only high quality Marshall EL34 and ECC83/12AX7 valves. If in doubt refer to a qualified Marshall service engineer.

Model MGP 9060 Front Panel Functions



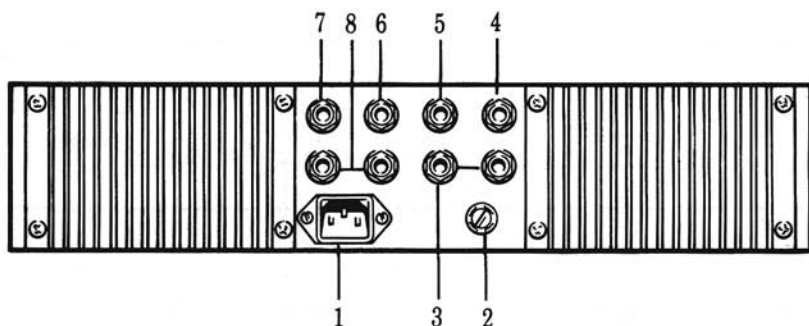
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|--|--|---|--|
| <p>1. Mains Power Switch</p> <p>2. Gain Control (Channel B)</p> <p>3. LED Indicators (Channel B)</p> | <p>On/off switch for mains power.</p> <p>Rotary control for the volume level of Channel B.</p> <p>LED indicators for — Fault, Fan on, Signal present, —6dB and clipping (0dB). channel B only.</p> | <p>4. LED Indicators (Channel A)</p> <p>5. Gain Control (Channel A)</p> | <p>LED indicators for — Fault, Fan on, Signal present, —6dB and clipping (0dB). For channel A only.</p> <p>Rotary control for the volume level of Channel A.</p> |
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Model MGP 9060 Rear Panel Functions



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| <p>6. Mains Input</p> <p>7. Input Jack (Channel A)</p> <p>8. XLR Input (Channel A)</p> <p>9. Loudspeaker Outputs (Channel A)</p> | <p>Connects the amplifier to the mains power supply.</p> <p>Balanced or unbalanced jack input to the power amp channel A.</p> <p>Balanced or unbalanced XLR type input to the power amp Channel A.</p> <p>Twin jack socket speaker outputs for channel A only.</p> | <p>10. Input Jack (Channel B)</p> <p>11. XLR Input (Channel B)</p> <p>12. Loudspeaker Outputs (Channel B)</p> | <p>Balanced or unbalanced jack input to the power amp channel B.</p> <p>Balanced or unbalanced XLR input to the power amp channel B.</p> <p>Twin jack socket speaker outputs for channel B only.</p> |
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Model MGP 9040 Rear Panel Functions



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| 1. Mains Input | Connects the amplifier to the mains power supply. |
| 2. Mains Fuse | Refer to the label on the rear of the amplifier for correct fuse value. |
| 3. Loudspeaker Outputs (Channel A) | Twin jack socket speaker outputs giving 200 watts into not less than 4 ohms. |
| 4. Link Output (Channel A) | Jack socket for linking channel A to any further amplifiers. |
| 5. Input Socket (Channel A) | Input to the power amp channel B only. |
| 6. Input Socket (Channel B) | Input to the power amp channel A only. |
| 7. Link Output (Channel B) | Jack socket for linking channel B to any further power amplifiers. |
| 8. Loudspeaker Outputs (Channel B) | Twin jack socket speaker outputs giving 200 watts into not less than 4 ohms. |

WARNING PLEASE READ THE FOLLOWING LIST CAREFULLY

- A. ALWAYS fit a good quality mains plug, conforming to the latest B.S.I. standards (or equivalent).
- B. ALWAYS wire the plug according to the colour code attached to the mains lead.
- C. NEVER, under any circumstances, operate the unit without an earth. (N.B. Follow accepted wiring practices when linking multiple unit systems).
- D. NEVER attempt to bypass the fuses or fit ones of the incorrect value.
- E. NEVER attempt to replace fuses with the unit connected to the mains.
- F. DO NOT attempt to remove the chassis. There are no user serviceable parts.
- G. ALWAYS have this equipment serviced or repaired by competent qualified personnel.
- H. NEVER use the pre-amp or power amps in damp or wet conditions.
- I. DO NOT switch the 9005 on without the loudspeakers connected, and ensure that the impedance selector is correctly matched to the speaker system.
- J. DO NOT obstruct the airflow around the heatsinks (model 9040)
- K. PLEASE READ this instruction manual carefully before switching on.

ALWAYS ENSURE THAT MARSHALL APPROVED COMPONENTS ARE USED AS REPLACEMENTS