

*Marshall*  
**VALVESTATE**

80-80W Power Amp  
Model 8008

POWER

Channel A

Channel B

GAIN

GAIN

**VALVESTATE™**  
**POWER AMPLIFIERS**  
**HANDBOOK**



## From the Chairman.

I would like to thank you personally for selecting one of our Valvestate amplifiers.

For many years, the name Marshall has led the field in guitar amplification. This has been achieved by a combination of many things, but particularly our ability to listen to musicians and produce the sounds that they want, plus a constant drive for quality and reliability unrivalled in the

amplification world.

In order to retain our number one position my design team work tirelessly to achieve innovation in guitar amp technology. "Valvestate" is their latest creation and with this radical development they have succeeded in producing something really new for the guitarist.

I suggest that you read this handbook carefully in order to fully understand the sounds and functions contained within your new Valvestate amplifier.

All our equipment is built to withstand the test of time and the new Valvestate models are no exception. You can rest assured that on the subject of quality Marshall never compromise!

I would like to wish you every success with your new amplifier and ask you, above all, to enjoy your Marshall.

Sincerely  
*Jim Marshall*

## **WARNING!** PLEASE READ THE FOLLOWING LIST CAREFULLY

- A. **ALWAYS** fit a good quality mains plug conforming to the latest B.S.I. standards (UK Only).
- B. **ALWAYS** wire the plug in accordance with the colour code attached to the mains lead (UK only).
- C. **DO NOT** attempt to remove the amplifier chassis. There are no user serviceable parts inside.
- D. **ALWAYS** have this equipment serviced or repaired by competent, qualified personnel.
- E. **NEVER** under any circumstances, operate the amplifier without an earth (ground).
- F. **NEVER** use any amplifier in damp or wet conditions.
- G. **ALWAYS** ensure that the impedance of the speaker or speakers connected does not fall below the amplifiers minimum impedance rating.
- H. **NEVER** connect the negative side of the VALVESTATE loudspeaker output to earth (ground), eg: by connecting a DI box across the loudspeaker terminals. **THIS MAY SERIOUSLY DAMAGE YOUR VALVESTATE AMPLIFIER**, unless an earth lift switch is used to separate it from other ground connected equipment.

# VALVESTATE™

## **Innovation in amplifier technology**

Valvestate is a revolutionary concept in amplification from Marshall.

Using the most up to date techniques, our designers have produced a truly outstanding range of products for every level of guitarist. The latest Marshall Valvestate technology will give you a quality of sound that you won't have heard before.

Valvestate is able to do this by emulating the performance of a valve power stage. It produces the type of high impedance output levels normally only delivered by a Marshall valve amplifier, which in turn creates speaker reaction similar to that found in valve equipment. This all adds up to the Valvestate power stage being full of ringing harmonics, rich bass response and sensitivity that is a joy to play!

To let you experience the full dynamic performance of Valvestate power, we have produced the 8004 and 8008 power amplifiers. They will project your guitar pre-amp in superb fashion and give you the option of warm Valvestate performance, or with a flick of a switch, a more clinical linear capability, which provides a totally different character to your sound.

This handbook has been compiled to help you to get the best from your amplifier, but as there is no substitute for playing experience, you should experiment as much as possible in order to find your own personal settings and enjoy the unique power of Valvestate.

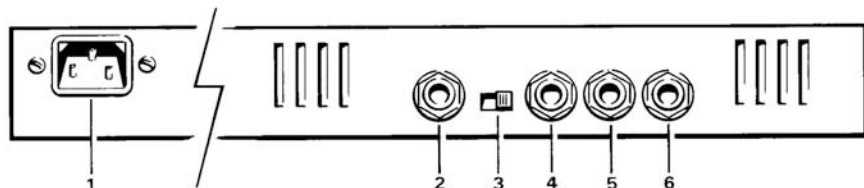
# VALVESTATE™

## 8008 80+80 Stereo Power Amplifier.

### Front panel features

1. Gain controls                      Rotary controls for volume level adjustment of channel A and B.

### Rear panel features

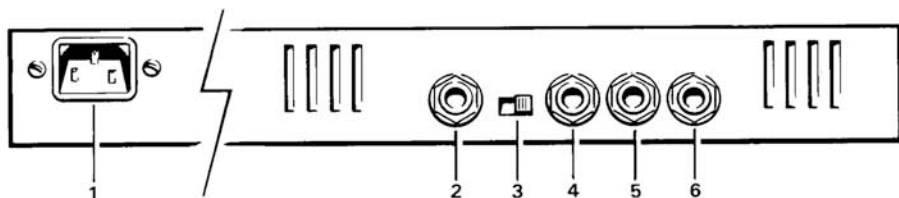


1. Mains input socket              For connection of mains supply.
2. Speaker output (B).              For the connection of a speaker cabinet to channel B. (The connected cabinet load should not be less than 4 Ohms. If you are unsure of your cabinet's impedance then check with your Marshall dealer.)
3. Linear/Vstate selector.          Slide switch to select linear or Valvestate performance. The Valvestate mode gives extra warm harmonics plus the richness of tone, which is unique to the Valvestate power stage. Linear mode produces a highly defined hi-fi tone that gives a totally different character to the sound and suits certain modern "metal" styles, or PA applications.
4. Speaker output (A).              For the connection of a speaker cabinet to channel A.
5. Input jack (B).                      Socket for the connection of the right hand output of a stereo pre-amp or mixer to drive channel B only. This input could also be used to accept the output signal from mono equipment. In this "linked mono" mode speakers may still be connected to both channels.
6. Input jack (A).                      Socket for the connection of a pre-amp or mixing desk left hand output driving channel A only.

# VALVESTATE™

## 8004 40+40 Stereo Power Amplifier.

### Rear panel features



- 1. Mains input socket** For connection of mains supply.
- 2. Speaker output (B).** For the connection of a speaker cabinet to channel B. (The connected cabinet load should not be less than 8 Ohms. If you are unsure of your cabinet's impedance then check with your Marshall dealer.)
- 3. Linear/Vstate selector.** Slide switch to select linear or Valvestate performance. The Valvestate mode gives extra warm harmonics plus the richness of tone, which is unique to the Valvestate power stage. Linear mode produces a highly defined hi-fi tone that gives a totally different character to the sound and suits certain modern "metal" styles, or PA applications.
- 4. Speaker output (A).** For the connection of a speaker cabinet to channel A.
- 5. Input jack (B).** Socket for the connection of the right hand output of a stereo pre-amp or mixer to drive channel B only. This input could also be used to accept the output signal from mono equipment. In this "linked mono" mode speakers may still be connected to both channels.
- 6. Input jack (A).** Socket for the connection of a pre-amp or mixing desk left hand output driving channel A only.

**The following information will help you to achieve the best results when connecting your Valvestate power amplifier.**

## **Operating**

High quality connection cables of the shortest usable length will ensure the best signal levels through the system.

When powering up your rack system, switch on the power amp last of all with the volume controls turned down. This ensures that any switch on noise from pre-amps, effects units and equalisers etc. will not damage your speakers.

Make sure that the ventilation grills are not obscured under any circumstances.

## **Mounting**

When mounting into your rack case, ensure that all the bolts are fully tightened. A washer placed between the panel and bolt will prevent excessive scratching of the front panel.

For touring purposes, where extra physical stresses are likely to take place, it is advisable to provide some support at the rear of the unit.