STAGE GEAR AND PA. EQUIPMENT



Marshall Amplification





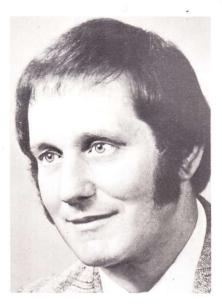




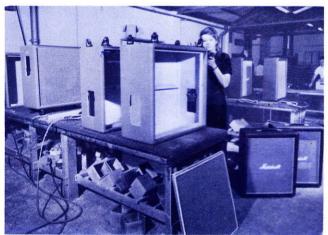
Hose-Morris SPONSORED PRODUCTS

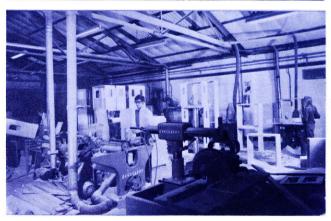
Jim Marshall

The man behind the top name in amplification today. As founder and Managing Director of the company he has constantly been aware of the increasingly complex role of amplification and the rigorous demands made upon it in today's music scene. Through exhaustive research, exacting quality control and close work with his team, he has made available to musicians a range of amplification-the name is a byword-whose performance and reliability are second to none.



Marshall THE VERY BEST









This is where it all happens— Marshall's factory at Milton Keynes

A team of experts and skilled mechanics conversant with all aspects of amplification circuitry and cabinet design makes it possible for Marshall to bring you one of the most comprehensive

ranges of first class stage gear and P.A. equipment available.

Moreover, Marshall enjoys a world-wide reputation and is currently exported to countries in all parts of the globe. Note: Due to current shortages of raw materials, it is regretted that priority must be given to orders for equipment in black finish.



Marshall amplifiers have high impedance inputs and interchangeable output impedances. Voltage adjustment for use on 110/250 volts, 50/60 cycles A.C. At despatch they are set for 250 volts. All complete with 5' (152.40 cms) speaker lead, mains lead and waterproof cover.

All models have four inputs (2 inputs per channel), separate volume controls for high treble and normal inputs; Presence, Bass, Middle and Treble controls common to both channels. ON/OFF and standby switches.

All models can be linked to slave amplifiers to boost power output.

Lead/Organ amplifiers Model 1959—100 watts Model 1987—50 watts Model 1989—50 watts^{*} *(Organ only) Bass amplifiers Model 1992—100 watts Model 1986—50 watts

Model 1986—50 watts N.B. See page 8 for descriptions of combination units and reverb amps.

LEAD, ORGAN & BASS AMPLIFIERS



THE MARSHALL/CELESTION LIAISON

Jim Marshall has used Celestion speakers since he started making speaker cabinets. He found them to be ideal for the requirements of musicians at that time. Close liaison between the two companies has led to consistent innovations resulting in speakers of the highest quality. In Marshall cabinets you will

always find Celestion speakers —standard, heavy duty, plus in certain cabinets the fantastic POWERCEL speakers. POWERCEL means concentrated, compact power; one speaker being capable of handling the same output as that of four standard speakers. POWERCEL by Celestion is exclusive to Marshall and can only be obtained in Marshall cabinets.



Housing is made from heavy cast aluminiumdesigned for forward or rear mounting. Top cone surround is plasticised cambric for low resistance at high power over long periods without tiring. Voice coil is 3" (7.61 cms) wound with aluminium wire for Organ and P.A., and copper for specific bass use. Available in 12" (30.48 cms) 100 watts and 15" (38.10 cms) 125 watt sizes.

All Marshall cabinets are All Warshall cabinets are constructed of robust seasoned wood covered in hard-wearing vinyl. Most cabinets are fitted with recessed handles and mounted on heavy duty castors.

Note : Cabinets shown as stocks can be used separately. Those suffixed B denote bottom halt of the stack and have recesses for castors of top half of the stack.

100 watt Lead-Organ-Bass stack. For Lead and Organ they comprise 1960 and 1960B cabinets each containing

and 1960B cabinets each containing $4 \times 12^{"}$ (30.48 cms) heavy duty speakers. For Bass use they comprise the visually similar 1935 and 1935B cabinets each containing $4 \times 12^{"}$ (30.48 cms) specially designed speakers handling exceptionally low bass frequencies. 1982 and 1982B Lead-Organ-Bass cabinets are also visually similar but each contain $4 \times 12^{"}$ (30.48 cms) specially designed high power speakers.



100 watt Lead-Organ-Bass stack.

2064 and 2064B or 2065 and 2065B Lead-Organ Powercel cabinets 2064 and 2064B each contain one 12" (30.48 cms) Powercel speaker handling 100 watts: 2065 and 2065B each contain one 15" (38.10 cms) Powercel speaker handling 125 watts.

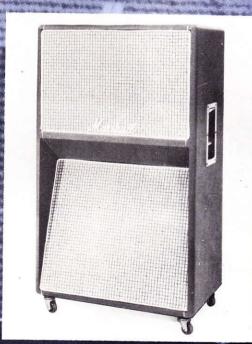
1990 Lead-Organ cabinet. Contains $8 \times 10^{\prime\prime}$ (25.40 cms) speak handling 100 watts.

 bandling 100 watts.
 2052 Lead-Organ Powercel

 2045 Lead-Organ-Bass cabinet.
 cabinet. Contains 1×15″ (38.10 cms)

 Contains 2×12″ (30.48 cms) heavy duty
 Powercel speaker handling 125 watts.

 speakers handling 60 watts. Mounted on plastic domed feet.
 Designed with a rear loaded horn enclosure to add bottom end boost.



2052 Lead-Organ Powercel cabinet.

2064 and 2064B or 2065 and 2065B Lead-Organ Powercel cabinets.

2045 Lead-Organ-Bass cabinet.

1990 Lead-Organ cabinet.

These are just some of the suggested set-ups that are recommended as being ideal combinations of Marshall equipment. There are many others and your local dealer will be pleased to advise you. 100 watt Lead-Organ-Bass stack. For Lead-Organ, this set-up comprises 1959 amplifier with 1960 and 1960B speaker cabinets. For specific Bass use substitute 1992 amplifier and 1935 and 1935B speaker cabinets.

100 watt Powercel Lead-Organ stack. Comprises 1959 amplifier with 2064 and 2064B Powercel speaker cabinets.

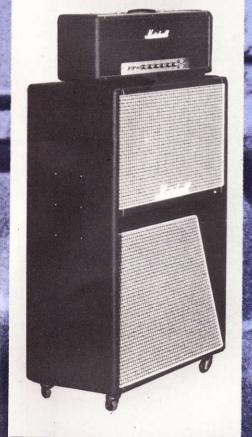


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100 watt Lead-Organ set-up. Comprises 1959 amplifier and one 2052 Powercel speaker cabinet.

100 watt Lead-Organ Powercel set-up. Comprises 1959 amplifier with 2065 Powercel speaker cabinet.

50 watt Lead-Organ-Bass set-up. Comprises 2045 speaker cabinet with 1987 amplifier for Lead, 1989 amplifier for Organ, or 1986 amplifier for Bass. 100 watt Lead-Organ-Bass set-up. Comprises 1982 speaker cabinet with 1959 amplifier for Lead and Organ, or 1992 amplifier for specific Bass use.



100 watt Lead-Organ set-up.

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100 watt Lead-Organ Powercel set-up.



50 watt Lead-Organ-Bass set-up.



100 watt Lead-Organ-Bass set-up.



A 'Artist' two-piece reverb 50 watt set-up. Ideal for stage use and equally at home in the studio. Comprises 2048 amplifier and 2049 cabinet. 2048 amplifier is highly versatile-two channels (two inputs per channel); channel one has Hammond Reverberation and separate bass, treble and volume controls; channel two is non-reverb with separate bass, treble, and volume controls. Presence control governs both channels and ON/OFF Reverb footswitch is supplied. 2049 speaker cabinet is fitted with 2×12" (30.48 cms) speakers.

'Artist' two-piece reverb 100 watt set-up. Visually similar to the 50 watt set-up. Comprises 2068 100 watt amplifier (controls as for the 2048) and 2069 speaker cabinet containing $4 \times 12''$ (30.48 cms) speakers.

B 2040 'Artist' reverb 50 watt combo. This compact unit has two channels with two inputs per channel. Each channel has separate bass, treble, and volume controls; channel one having Hammond Reverberation. Presence controls governs both channels and ON/OFF reverb footswitch is supplied. Cabinet is fitted with $2 \times 12^{"}$ (30.48 cms) speakers.

C 2078 100 watt transistorised Lead combo. Resulting from years of research Marshall is proud to present a fully transistorised combo which reproduces faithfully the famous and unmistakeable Marshall sound. The control panel has a standard layout but with an extra volume control and jack socket which enables the simultaneous use of both channels. Echo send/return socket fitted at rear of unit. Cabinet is fitted with 4×12" (30.48 cms) speakers. 2077 100 watt transistorised Bass combo. Specifications as above but cabinet contains 4×12" (30.48 cms) heavy duty speakers specially designed for bass use.

ARTISTS & COMBOS







The first ever Disco set-up from Marshall with the same high degree of quality and reliability synonymous with the Marshall name. The Disco comprises :

1993 Turntable and Control Unit. This is a superb desk with two high quality decks linked to the control panel.

Panel Specifications:

Inputs for tape and microphone. Outputs for speakers and headphones. Selector switch for left and right hand decks, tape and output models.

All variable controls are slider type comprising :

Individual volume controls for tape input, left and right hand

DISCO UNIT

decks, microphone and headphones.

Individual bass and treble controls mutually controlling tape and decks. Individual bass and treble controls for microphone.

ON/OFF switch for each deck. The unit is finished in strong vinyl and is supplied complete with plush-lined carrying lid.

1994 100 watt transistorised Slave amplifier.

This fully transistorised slave amp has two inputs and one volume control; one input for link to next slave; one input for link to mixer. Ideal with disco set-up or any other Marshall mixer unit.

1995 50 watt speaker cabinet.

For use with disco set-up, lead and P.A. amplifiers or as foldback monitor. Contains $1 \times 12''$ (30.48 cms) speaker. **Note:** Two are required for Disco.



2071 6-channel Mini-Mixer A recent addition to the Marshall range of P.A. equipment, this is a 6-channel solid state mono mixer.

Control panel is finished in durable black stove enamel and complete unit comes in steel case with black crackle finish.

Specifications:

Each channel has a high impedance input with separate treble, bass and volume controls. Two outputs:

Master output with volume control. Foldback output with volume control.

V.U. output level meter. Power consumption—0.5 watts. Power supply—110-240 volts. 50/60 Hzs. Size— $14\frac{1}{4}$ " $\times 6\frac{3}{4}$ " $\times 4$ ".

2066 Lifeguard

A must for any group, the unit consists of $6 \times 13''$ amp sockets wired to a safety unit. This protects against overload and any leakage to earth.

There have been many suggestions as to the amount of mains current considered lethal; the lowest statement so far for a normal healthy person has been 8 milli-amps. The Lifeguard safety unit of the resettable fuse type will trip well before a current of 5 milli-amps passes to earth. The unit includes a test button to enable testing every time it is used. This single unit will protect all mains equipment connected through it, thus protecting any person using mains connected equipment—A wise investment!

MINI-MIXER & LIFEGUARD



2071 6-channel Mini-Mixer



2066 Lifeguard

Marshall P.A. amplifiers have high impedance inputs and interchangeable output impedances. Voltage adjustment for use on 110/250 volts, 50/60 cycles A.C. At despatch they are set for 250 volts. All are complete with mains lead, two 21' (6.40 ms) speaker leads, and waterproof cover.

2003 100 watt Master P.A. amplifier.

Redesigned control panel now having 6 channels with one input per channel. Separate volume, bass and treble controls for each channel with master volume and presence controls. Echo send and return inputs. On/Off, switch and standby switch.





50 watt P.A. system Comprises 1985 amplifier with one pair of 2047 columns. with one pair of 2043 columns. These columns are front loaded horn units each containing 1×10" (25.40cms) containing 2×10" (25.40 and $1 \times 12^{"}$ (30.48 cms) speakers with an output capacity of 50 watts per cabinet.

100 watt P.A. system Comprises 2003 amplifier These columns are front loaded horn units each cms) and $2 \times 12^{"}$ (30.48 cms) speakers with an output capacity of 100 watts per cabinet.



The Professional P.A. series of equipment is designed to meet the demand for larger P.A. systems. Developed by Marshall this specialised, fully portable combination of slave amplifiers, cabinets and horns, when used with Marshall mixer units creates near studio facilities at the gig. Because of fast changing trends in music and the requirements of musicians, the design and facilities offered in the Professional P.A. range are subject to frequent revision. So watch out for new developments by Marshall-always in front-always on top.

2056 Cabinet

This P.A. cabinet contains $2 \times 15''$ (38.10 cms) POWERCEL speakers capable of handling 250 watts. A rear loaded horn enclosure is incorporated, giving emphasis to the bass frequencies. Cabinet is fitted with recessed handles and mounted on heavy duty castors. **2057 Single Flare Horn unit** Designed for use with the 2056 cabinet this unit contains a flare horn speaker which aids and produces an even and wide distribution of middle and high frequency sounds.

PROFESSIONAL P.A.

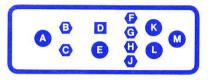




2051 250 watt Slave Amplifier Fully transistorised, this slave amplifier is capable of 250 watts R.M.S., and incorporates fail-safe switching to prevent overloading plus a full fault diagram on the control panel. Marshall Slaves can be linked together for greater output, and are designed for easy stacking. The strong wood cabinet is finished in vinyl with satin copper panels and trim.

Panel diagram specification

- A Master volume control
- B Signal input socket
- C Input link socket for slave amplifier
- D Fault warning light
- E Reset switch
- F Speaker input socket
- G Speaker input socket
- H Speaker input socket
- J Speaker input socket
- K Indicator light
- L ON/OFF mains fuse
- M 5 amp fuse





2050 P.A. Mixer

A solid state mono mixer with internal reverb unit available in 9 to 15 channel versions. It is a semi-conductor mixer of modular construction using integrated circuits. Each channel is individually replaceable which allows for easy servicing and the mixer is complete with master, reverb, monitor and power supply boards. Control panels are finished in durable black stove enamel and the rugged cabinet is covered in hard wearing vinyl and comes complete with plush-lined lid.

Channel Specification Inputs

1—lo impedance 1—hi impedance **Controls** Reverb send Treble Bass Volume fader **Routing Switches** Headphone ON/OFF Stage Monitor ON/OFF **Master Board** Reverb fader Volume fader 4 lo impedance outputs Monitor Board Headphone volume fader Stage monitor volume fader Headphone and stage output sockets V.U. output meter Power Supply Board Mains Lead Indicator Lamp ON/OFF switch Fuse Goose-neck panel light General Power consumption—15 watts Power supply—110/240 volts. 50/60 Hzs. Size—38″×19″×9½″

2070 Series 2 12 Channel Stereo Mixer

A solid state mixer offering full stereo facilities. The control panel, finished in durable black stove enamel is angled towards the operator for easy use and a writing surface is provided. The unit is of strong construction and covered in hard wearing vinyl. A 50 metre length of multicore cable from mixer to stage box is available with every unit as an optional extra.

Channel Specifications

Input

600 ohm balanced. Floating or earthed (as ordered) Controls Attenuator 0-40 db Presence +10 db Treble $\pm 15 \text{ db}$

Bass All infinitely variable controls.

Routing Headphone. Three way toggle switch : PreFade listen, Off, PostFade listen.

Foldback. Three way toggle switch : PreFade, Off, PostFade. There is also a foldback volume control.

Echo and Reverb. Three way toggle switch. Reverb, Off, Echo. Both echo and reverb are post fade sends. There is also a send volume control.

Channel Output

Controlled by slider volume control and pan pot. Individual V.U. meter on each channel for pre fade monitoring. All input sockets are Cannon type XLR-3-31.

Fitted with internal reverb unit and provision for external echo.

5

 $\pm 15 \, db$



The Unit comprises: Headphone monitor module.

Echo and Reverb module with echo send and return volume controls.

Foldback output module (for stage monitor amps) with presence control.

Stereo output module with presence control. Panning facilities+ master V.U. meters. All outputs are 600 ohm balanced. Outputs are located on rear panel of mixer type

XLR-3-32.

Power Supply. Separate unit is used in conjunction with the mixer.

General Specifications Size Power Consumption Power supply Power supply output

40 watts 110/250 volts. 50/60 Hzs. \pm 15v regulated 1.2 amps max.

Input impedance Output impedance Input level Output level (meter setting) Output max level Headphone output Equalization Treble Bass

Presence

Signal to noise

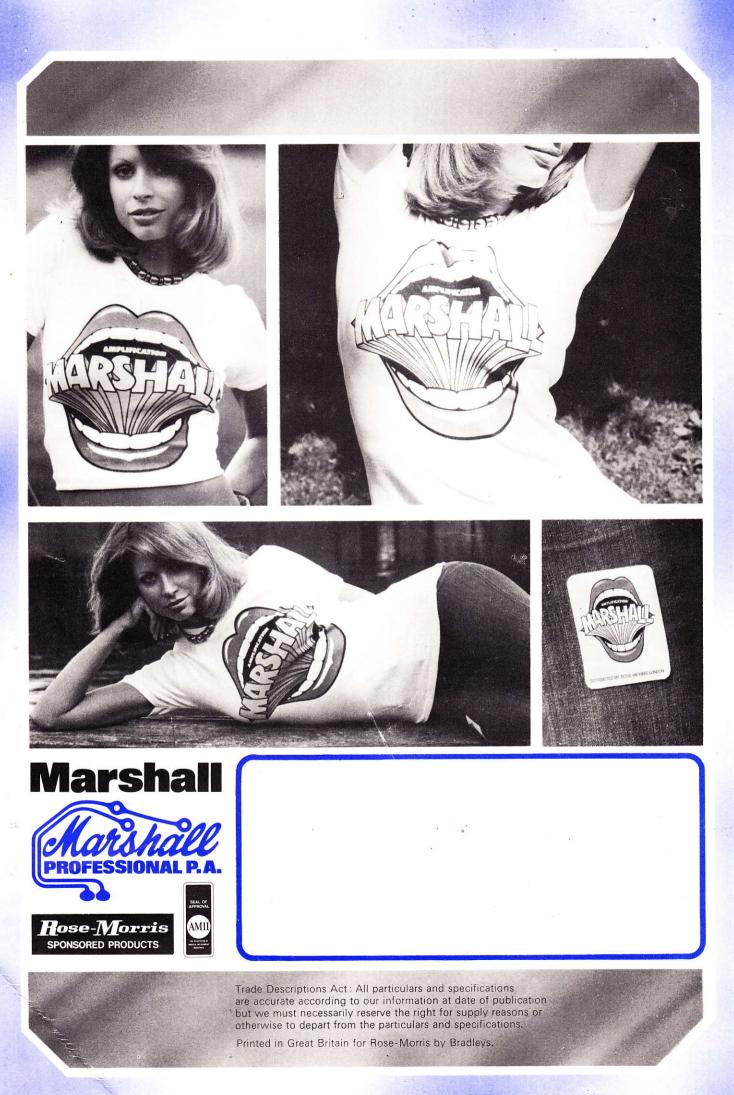
Floating 600 ohm Balanced Floating -40 dbm 0 dbm

600 ohm Balanced

+10 dbm 1 watt 2 8 ohms

 $\pm 15 \text{ db} \\ \pm 15 \text{ db} \\ \pm 10 \text{ db}$ 80 dbm Total harmonic distortion Better than 0.5%

In addition there is a 75 way socket at rear of mixer for a multicore cable connection to stage box.



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