

# PARK

H A N D W I R E D



 PARK PMV800



## IMPORTANT SAFETY INSTRUCTIONS

### Please read these instructions carefully before switching your amplifier on.

Please ensure that the voltage selector/indicator and fuses match the supply voltage of the country in which the amplifier is being used.

Do not switch the amplifier on without the loudspeaker connected. It is important that the amplifier and speaker are matched at the correct impedance. Failure to do so can result in damage to the amplifier and speaker.

Never attempt to bypass fuses or fit fuses of incorrect value.

Never attempt to use an amplifier in wet or damp conditions.

Protect the power cord from being walked on or pinched. Do not modify.

All servicing should be carried out by a professionally qualified service technician.

Always ensure free movement of air around the amplifier to prevent overheating.

Do not attempt to remove the amplifier chassis; there are no user serviceable parts inside.

Always use the mains lead that is provided with your amplifier. If a replacement is needed, please contact your Park Dealer.

Be sure to always unplug the amplifier during lightning storms and when unused for prolonged periods of time.

**WARNING – if used improperly or without proper safeguards this equipment can cause hearing damage or loss of hearing.**

**Servicing is required** when the apparatus has been damaged in any way, such as when the power supply or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, or when the apparatus does not operate normally or has been dropped.



**Britampco.co.uk/downloads**

IMPORTANT SAFETY INSTRUCTIONS  
IMPORTANTI ISTRUZIONI DI SICUREZZA  
CONSIGNES DE SÉCURITÉ IMPORTANTES

**Please follow all instructions and warnings!**

Please keep these instructions in a safe place.

Register product online: **Britampco.co.uk**

## TURNING ON YOUR AMPLIFIER

- Ensure that your amplifier is set to the correct voltage for your country.
- Ensure that the impedance of your amplifier and speaker cabinet are matched.
- Ensure that your amplifier is plugged into your speaker cabinets.
- Set both Channel Volumes to zero.
- Set bass, middle, treble, and presence controls to 12 o'clock.
- Plug your instrument into your desired channel and input.
- Turn on your amplifier.
- Set Volume to desired volume level.
- Boost or cut high frequencies using the Tone control.





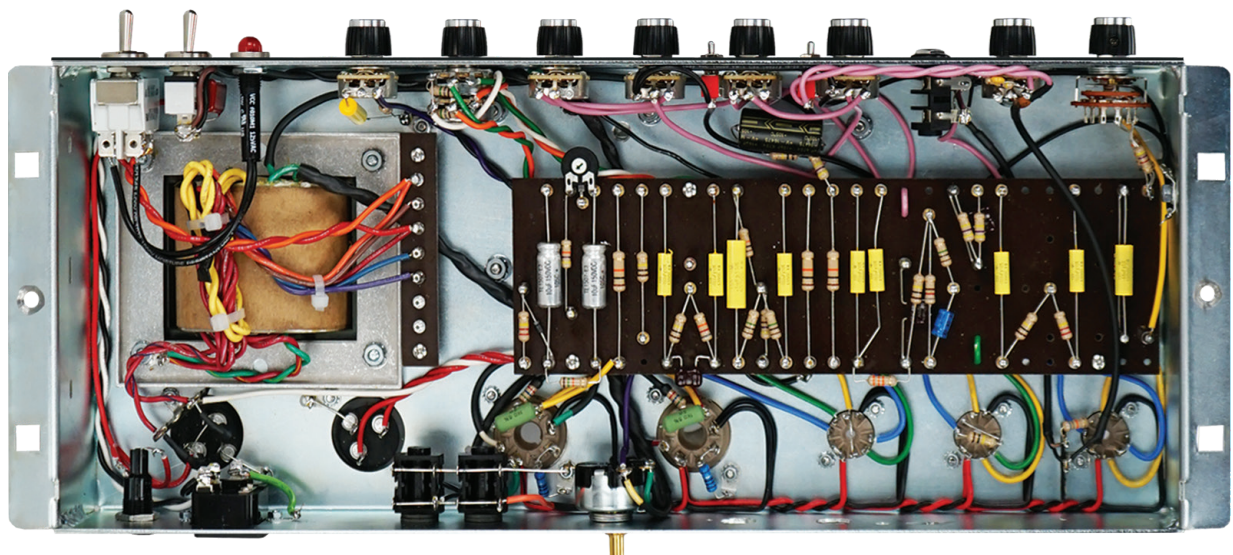


## THE PARK PMV800

**Park Master Volume 800 ( Handwired Edition) - Rock's most influential amplifier!**

The Marshall circuit was already the sound of overdriven Rock in the late 60's and early 70's. By 1975 the **Master Volume** was introduced allowing the player/artist to crank the volume of the preamp - pushing the tubes harder and adding gain to the signal while still controlling the overall volume of the amp. The **new Master Volume pot**, added at the end of the preamp, controls the level of the signal before the voltage divider and power tubes. The Artist/player no longer had to crank the amp's volume in order to get **the desired breakup and overdrive of a fully cranked and very loud 50/100 watt Marshall/Park Amplifier.**

Shortly thereafter, Marshall found that players and techs were modding the **Master Volume** by installing an internal link. **This allowed channel 1 to cascade into channel 2, adding an additional gain stage into the signal path** and voila, the Master Volume became the JCM800 forever changing the world of Rock music.



Playing a Park handwired amplifier is to truly play the best sounding and best made English Amplifier. Our goal is to build Park amps to sound and perform just as Jim Marshall intended when they left the factory floor in Bletchley, Milton Keynes, England.

# New Features

## Features exclusive to the PARK PMV800 Handwired Edition

**Note:** these features can all be added or removed from the original circuit as per Artist/Player preferences.

Mitch Colby has added new features to the Park PMV800 that have been influenced by a lifetime of Artists and Players alike. These are features that the original Park and Marshall never had. These features grant more control over the amplifier's gain, top end, and midrange:

**1) Bright switch** - Some players have found the original JCM/PMV800 to be brighter than desired when using certain guitar and pickup configurations. Turn the bright switch on to experience the original PMV800 sound. Turn the bright switch off to remove the bright cap from the circuit, granting a much darker tone.

**2) Mid Boost Switch** - Turn this switch on for an upper-midrange boost and more bottom end.

Calvin McCormack has added two additional features to the Park PMV800:

**3) PPIMV** - Short for Post Phase Inverter Master Volume. This control introduces a method to cut the amp's volume while still maintaining tonal integrity. This is an invaluable tool for rehearsals, recording sessions, performing at small venues.

The PPIMV grants even greater control of your overall volume with the amount of distortion and breakup the amp is producing. The PPIMV is often referred to as a volume control for the amplifier's power section as it comes after the phase inverter. This allows the phase inverter to provide the maximum amount of gain and colouration it naturally contributes to the signal path of the amp.

**Note:** Setting the PPIMV to maximum essentially removes it from the circuit, returning the amplifier to the historic setup.

**4) Gain Switch** - This control is used to quickly dial your desired overall gain level. Dial in your desired tone exceptionally quickly and extend your tonal range.

- Set the switch to 1 (middle) and you have the original gain setting of the PMV800.
- Set the switch to 0 (left) and you have less gain and the ability to 'clean up' the amps aggressive nature
- Set the switch to 2 (right) and you are in 'square wave' territory with aggressive 'cold clipping', much like adding a Tube Screamer inside of the amp where it sounds best.

**5) Handwired** - The Park PMV800 is hand wired point to point for exceptional clarity and tonal integrity.

**6) Park Full Sized, Original Spec. Transformers** - These transformers maintain the ideal low end response. Park Amps are built with pride and integrity from the chassis to the headbox.

Park Handwired Amps are truly the best sounding and best made English Amplifiers. Our goal is to make Park Amps sound and perform just as Jim Marshall intended when they left the factory floor in Bletchley, Milton Keynes, England.



# Front Panel Features



**1. Mains On/Off** - Turns the amplifier on and off.

**2. Standby Switch** - The standby switch allows the valves to heat to the optimum working temperature. Leave this switched off when turning the Mains on and allow 2-3 minutes before turning on. Place amp in Standby mode when switching the impedance of the amplifier.

**3. Indicator Lamp** - This LED will light up when the power is on.

**4. Presence** - This controls the negative feedback of the amp and is to be used in conjunction with the Treble control and Bright Switch to set the overall amount of high frequencies. This is a treble control affecting the power/output section to sculpt the high frequencies of your tone.

**5. Master** - This control is a PPIMV (Post-Phase Inverter Master Volume). This allows the amp to be played at lesser volumes while maintaining a tight overdriven sound.



Turned all the way up, this control is essentially bypassed, achieving the original sound as Jim Marshall intended it. Enjoy the full on force of the legendary JCM/PMV800 or turn this control down for a more compressed overdriven sound.

**6. Bass** - This control is used to set the amount of bass. Turn this control clockwise for more bass and counterclockwise for less bass.

**7. Middle** - This control is used to set the amount of Middle. Turn this control clockwise for more mids and counterclockwise for less mids.

**8. Mid Boost Switch** - This switch accentuates the upper mids, cutting through the mix and achieving the classic Great British sound. Flip this switch into the up position to turn it on.

**9. Treble** - This control is used to set the amount of Treble. Turn the control clockwise for more treble and counterclockwise for less treble.

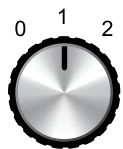
**10. Bright Switch** - This control toggles a bright cap on the volume pot. When turned on (up position) this bright cap helps achieve the sound of the original JCM/PMV800 and can be turned off to reduce brightness for more tonal options and pickup configurations.

**11. Volume** - This control is a Pre-Phase Inverter Master Volume. This operates as a normal volume control which increases the volume of the amp as it is turned up.

**12. Inputs** - The **high** input features Marshall's original bright cap which is essentially is taken out of the circuit when the Volume control is turned up 'Past 5'. The bright switch allows the player to remove the bright cap from the circuit before 5 on the indicator dial, allowing more tonal options at your fingertips. **The low input is unique to the PMV800.** Unlike the rest of the low inputs in the Park lineup, Marshall had the input skip a gainstage, creating a unique low input tonal option for this amp.

**13. Gain** - This controls the amount of gain applied to the circuit. Turn this control clockwise for more gain and counterclockwise for less gain.

**14. Gain Mode (Cold Clipping)** - This control is used to quickly dial your desired overall gain level.



Setting the switch to **1** gives you the original Jim Marshall setup. The amp that changed the world of Rock n' Roll.

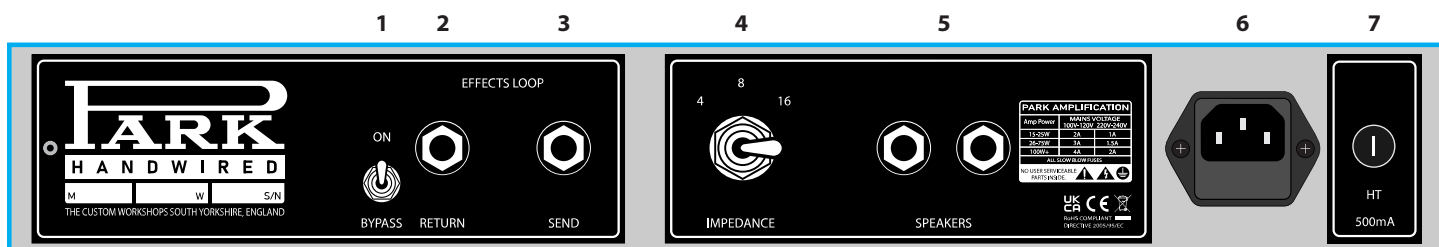


Set the switch to **2** to send the amp into 'square wave' territory with aggressive 'cold clipping'. Like adding a 'Tube Screamer' inside of the amp where it sounds even better - adding tonal control and clarity.



Setting the switch to **0** offers less gain than the original Marshall setup, extending the range of this amp by offering the ability to 'clean up' the amp's aggressive nature and eliminate unwanted 'fizz' when the amp is cranked.

## Rear Panel Features



**1. Effects Loop Toggle Switch** - This switch allows you to toggle the effects loop on/off.

**2. Return** - Connects to the output of an effects pedal, rack, or processor

**3. Send** - Connects to the input of an effects pedal, rack, or processor

**4. Impedance Switch** - The impedance selector switch allows you to set the amp to 4, 8 or 16 ohms. Set this switch depending on your speaker cabinet(s) impedance. Setting this switch incorrectly can cause damage to the amp and void your warranty!

**5. Speaker Jacks** - There are two parallel speaker jacks for convenience in setting up your amplifier with speaker cabinets.

**6. IEC Mains Socket** - As with all equipment that uses wall voltage to operate, plug your mains lead from this IEC socket to the mains socket in order to power up the amp.

**7. HT Fuse** - This amplifier includes two fuses to protect the amplifier, the HT fuse (with a value of 500mA) and the Mains Fuse which can be found in the IEC Mains Socket. One or both fuses will "blow" if there is something wrong inside or outside the amplifier. If a fuse ever blows, please take the amplifier to a qualified amplifier technician for service.

AMP POWER	MAINS VOLTAGE	
	100v-120v	220v-240v
15-25W	2A	1A
26-75W	3A	1.5A
100W+	4A	2A



# Park PMV800 Specifications

**Power:** 45 Watts clean, 65 Watts cranked.

**Tubes:** EL34 tubes (Classic British Tone)

**Dimensions:** (H) 10", (W) 24", (D) 9"

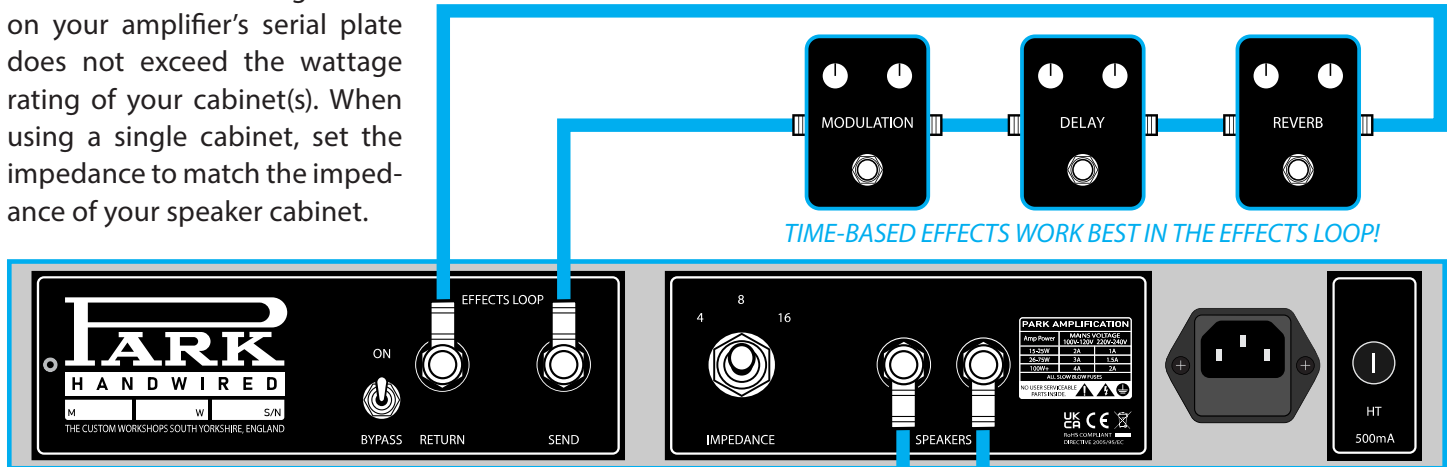
**Weight:** 31 lbs



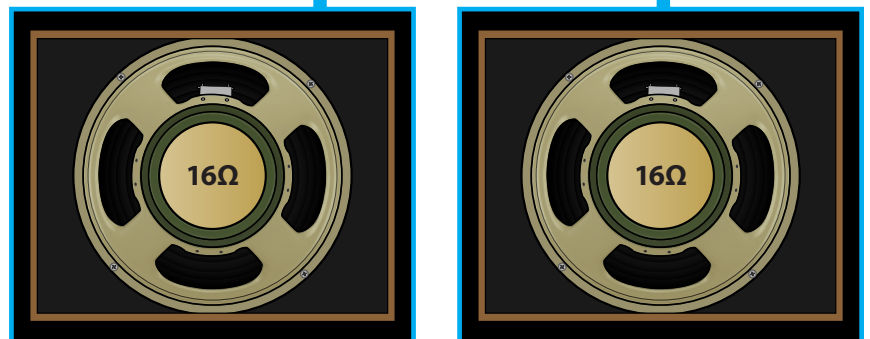
## Output Configurations

Ensure that the wattage listed on your amplifier's serial plate does not exceed the wattage rating of your cabinet(s). When using a single cabinet, set the impedance to match the impedance of your speaker cabinet.

### EFFECTS LOOP EXAMPLE



When utilizing two cabinets, ensure that the impedance of both cabinets are matched and that the Impedance Switch is set to the correct position. This amp features parallel speaker outputs, therefore the impedance of the amplifier should be set to 8 $\Omega$  when paired with two 16 $\Omega$  cabinets, or set to 4 $\Omega$  when paired with two 8 $\Omega$  cabinets.



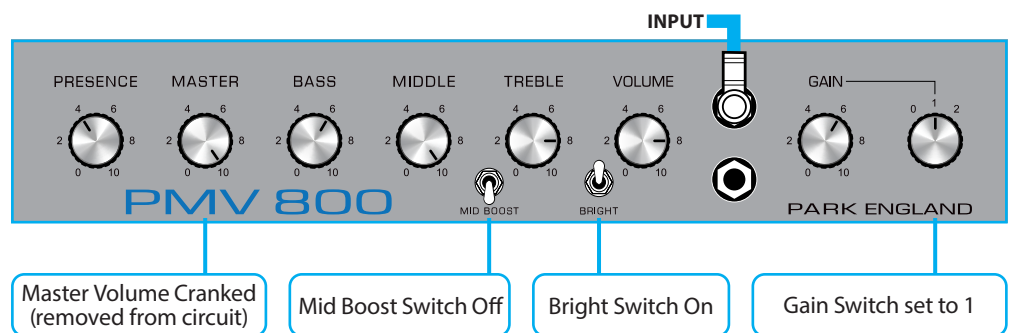
Two 16 $\Omega$  cabinets in parallel with the Impedance switch set to 8 $\Omega$

## Park PMV800 Signature Presets

### Classic Marshall Sound

Fantastic for jamming along with timeless AC/DC riffs, this setting perfectly recreates the legendary sound of the original PMV/JCM800. Meant to be played loud and cut through the mix.

Original Park PMV800 setup  
as per Marshall JCM800



## Brilliant Cleans

By cranking the Master and the Volume controls, the Gain control now sets your volume, allowing for a cleaner signal.

You can use the low input for even less gain.

Master Volume (PPIMV) Cranked  
(removed from circuit)

Mid Boost Switch On,  
Bright Switch On

Volume Cranked

Gain Pot Acts as the  
Volume control



## Super Heavy Riffage

This setting utilizes the Gain Level control to push your riffs over the edge and into full blown heavy distortion.



## Scooped Distortion

Perfect for adding some beef to your rythm section. Plug into the low input and cut the mids using the Middle control.



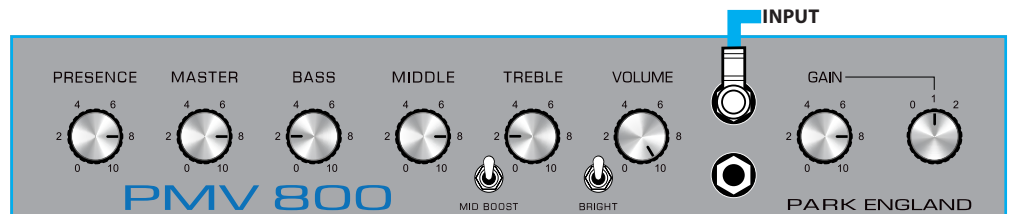
## Smooth High Gain

This setting is super versatile and sounds fantastic for just about anything heavy and fast.



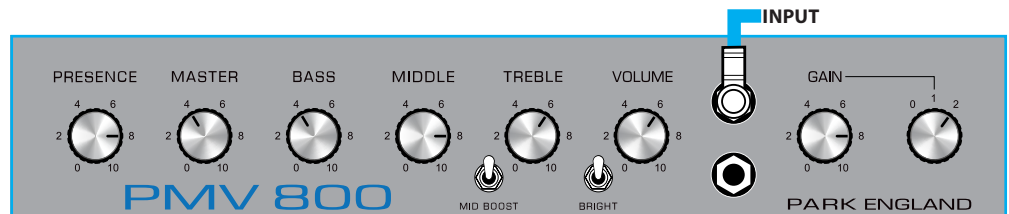
## Meltdown

Careful, this one will blow you away. Harness the true power of the PMV800. As always, proper hearing protection is a must!



## Searing Solos

This setting really pushes those mids by utilizing both the Middle control and the Mid Boost switch to cut through any mix.



## Servicing Park Amplifiers

Park amplifiers are equipped with two fuses. When used at 120 Volts, a 2 Amp fuse (slo blo) is recommended. There is also an HT fuse labeled rated at 500mA (slo blo). If your amp is blowing fuses, something may be wrong and it is highly recommended that you bring the amp to a qualified technician who is familiar with tubes and guitar amps. Tubes have a life span and can wear out over time. Power tubes (6V6, 6L6 or EL34, etc) typically will wear out faster than preamp tubes (12AX7). If the power tubes are worn out your amp will sound lifeless and may lack power.





# PARK HANDWIRED

- Tip-Top: Your hand built Park Amplifier has been thoroughly inspected and rigorously 'soak tested' prior to leaving our Workshop in Doncaster, England. Your Park product is guaranteed to perform to its desired and correct specifications.
- Park amplifiers are warranted against defects in materials and workmanship for a period of 3 years. Speakers, speaker enclosures and reverb tanks are warranted for 1 year, tubes/valves for 90 days.
- Note - it is your responsibility to use/operate the equipment safely and properly without modification and with a safe power supply - failure to do so is dangerous and will result in the voiding of your warranty. Always read, reference, and follow the 'Important Safety Instructions' before turning on or operating your amplifier.
- Note - The Limited Warranty provided is for the original purchaser and is non-transferable. It is an important responsibility of the purchaser to **register the product online at [Britampco.co.uk](http://Britampco.co.uk)** and to retain the sales receipt and original packaging.
- Authorization must to be obtained by Park Amplification before any service work is completed by a professionally qualified Service Technician.
- Shipping costs incurred while obtaining warranty service are the responsibility of the purchaser. The purchaser must obtain permission to ship any/all product before doing so.
- Authorised returns are subject to a restocking and shipping fee.
- Any damages incurred during shipping matters must be reported both to the shipper and Britampco immediately upon receipt of the product.

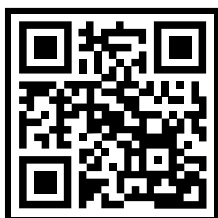


**PARKAMPLIFIERS.CO.UK**

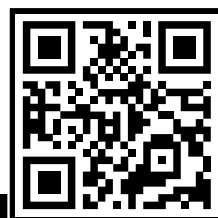
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RECYCLING INFO



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