

# PARK

HANDWIRED



PARK P50 ROCK HEAD



ORIGINAL PARK CIRCUITS BY JIM MARSHALL AND MITCH COLBY



# Park 50 Rock Head and Combo Manual

Welcome to Park and thank you for becoming part of the Park family. Park Amplification makes some of the finest vintage-style, British inspired tube guitar amplifiers. The Park Rock Head 50 MKII is an updated version of the Park Rock Head 50 which was introduced in 2015. It is loosely based on the vintage Park Rock Head made in the 1970s, however, it's a hand-wired channel switching amp unlike anything made back in the 1960s and 1970s. The circuit in the Rock Head 50 is derived from the Park 50, specifically the clean channel. The second channel is designed to perform in a variety of ways. From pure clean, to bluesy OD, to classic rock and even heavy metal.

## Front Panel

**Input (top jack):** Plug your instrument into this jack using a 1/4" instrument cable.

**Footswitch input (bottom jack):** The channel switch (bottom mini toggle) has to be in the "out" position for the foot switch to work. The LED on the foot switch lights when the Clean channel is selected.

**Volume 1 (Channel 1): (Push-pull pot):** Channel 1. This is the Clean channel volume control. Use this to set your clean volume. In conjunction with the PPIMV Master you can overdrive this channel. Set the Volume low and the PPIMV high for clean sounds. Set the Volume high and the PPIMV low to overdrive the clean channel. For the cleanest tone, set the PPIMV Master on full and set the Volume control to the desired level. (Pull the Volume control to add brightness to the Clean channel)

**Gain 2 (Channel 2):** OD channel Gain control (Push-Pull pot): The OD channel has been carefully and cleverly designed to be able to achieve great clean AND overdrive sounds. Low settings of this control (and high settings of the Gain Master) will give you a very good clean sound. Set this control higher for various levels of overdrive. (Pull the Gain control to mellow out the OD channel. This is good for a warmer OD sound that's appropriate for roots rock and blues).

**Volume 2:** This is the Gain channel's master volume control. Set low to start with, especially with high Gain settings. Set higher if you want to use the OD channel as a second clean channel or for a low gain overdrive sound.

**Top Mini Toggle Switch:** Switch to the up position to add aggressiveness to the OD channel. This works well with Gain setting over half way. Under half way it may be too aggressive. With the Gain control push-pull in the In position and this mini toggle in the up position this channel sounds a lot like a Master Volume amp from the 1980s.

**Tone Controls:** Treble, Mid, Bass, Presence.

**Master PPIMV:** Overall Master Volume

**Note:** The PPIMV is a master volume control that is after the Phase Inverter which is the first tube in the power amp. Because of this, you can achieve more gain before the PPIMV than a traditional master volume.

## Dialing In Your Tone

We recommend dialing in your OD channel first. Thanks to the two push-pull pots on the Gain 2 control and the mid boost mini toggle, the OD channel is capable of warm bluesy overdrive to Master Volume type crunch to higher gain sounds. Because these sounds vary a lot in high frequency content you may or may not want to use the bright switch on the “Clean” Channel. So set up your OD channel sound first, then decide whether you want to pull the Volume pot to engage the Clean channel bright switch.

## Utilizing The PPIMV

The PPIMV is a very useful tonal tool in our arsenal since it works on both channels. You can use it as an overall Master Volume control. If you like the settings you have chosen for both channels, but you need to raise or lower the overall level, the PPIMV can do that. An example would be if you are rehearsing at one level but need to raise both channels evenly when you gig outdoors.

Another way to use the PPIMV is to use it as a Master Volume for the Clean channel for low gain overdrive and the Gain channel as a higher gain overdrive. By experimenting with the Gain channel Master and PPIMV you can achieve a range of overdriven tones. By the way, PPIMV stands for Post Phase Inverter Master Volume. Other things on the front panel include the On/Off and Standby switch

The “Clean” has its own Volume control. The “Gain” channel has both Gain and Volume (which is the master control for this channel) controls. Both channels share Treble, Mid, Bass, Brightness (presence) and PPIMV (Post Phase Inverter Master Volume).

## Footswitch Operation

The Park Rock Head comes with a single footswitch with LED. In order to use the foot switch, the front panel Channel switch has to be set to Ch 2. The LED will light when the clean channel is selected.



# Back Panel

**HT Fuse** (0.5 Amp, slo blo)

**IEC AC Mains Connector with Mains Fuse** (2.5A or 3A slo-blo, for 230V operation use a 1.5 Amp, slo blo fuse)

**Impedance Selector** (4, 8, 16 ohms)

**Speaker Jacks:** Set the impedance to the same impedance rating of your speaker cabinet. The single combo comes with one 16 ohm speaker. The two 12" combo comes with two 16 ohms

**Effects Loop:** This is an active, buffered, series loop. It can work with just about any effect from pedals to studio rack units. The loop comes from Park set to pedal level. There are two switches on the FX Loop board that when switched make it work with the appropriate levels for rack gear set to +4.

## Specifications

**Power:** 45 watts clean, 65 watts when pushed

**Tubes:** two EL34 power tubes, three 12AX7s

**Front Panel:** Input, Footswitch input, Volume 1 (ch1), Gain 2 (ch2), Volume 2 (ch2), Treble, Mid, Bass, Brightness, PPIMV, On/Off, Standby

**Back Panel:** HT fuse (500mA), IEC mains (AC) socket with mains fuse, Impedance selector (4, 8, 16), two speaker outputs, Passive/Series Effects Loop

**Dimensions:** (H) 8.5", 9" with feet", (W)24", (D) 8.5"

**Weight:** 32 lbs

## Servicing Park Amplifiers

These amps are equipped with two fuses. One is on the front panel labeled "2 Amps". This is a historically correct designation since the original amps were made for the UK market. When used with 120 Volts a 3 Amp fuse (slo blo) is recommended. There is also a back panel fuse labeled either 500mA or 1A. While either can be used, 500mA is recommended. 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.

Tubes have a life span and can wear out over time. Power tubes 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. When EL34 power tubes are replaced in the Rock Head they must be biased.



# 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.

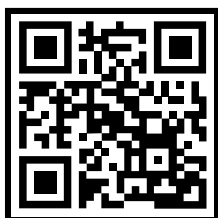


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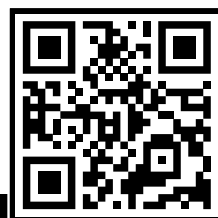
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