

Park 45 LTD manual (head and combo)

Welcome to Park Amplification and thank you for becoming part of the Park family. Park Amplification makes some of the finest vintage-style, British-design tube guitar amplifiers. The Limited Edition Park 45 Top Mount is an exact replica of the first amp made by Park in 1965.

Original production of the Park 45 Top Mount was very limited and therefore very rare and hard to come by. The Park TM45LTD is true to original. Parts were sourced to make sure that the amp sounds, feels and looks like the vintage originals. This limited edition version features hard to find parts such as new old stock (NOS) Piher and Allen Bradley resistors, NOS Lemco and “mustard” capacitors, brown Paxolin circuit board with split turrets and Merrin clone transformers. All this was done in order to recreate the tone and feel that made all Park amps some of the most collectible and coveted by tone aficionados and collectors alike. The construction and cosmetics are the same as the original including aluminum chassis, laced wiring, offset Park block logo and EC Collins reproduction pinstripe grill cloth.

Park amps are built one at a time in New York by skilled amp builders to the absolute highest quality standards. Each amplifier is thoroughly burned-in and tested for function and tone before leaving the workshop.

Front Panel

There are two channels which are voiced differently. The channel on the right is warmer and has less treble. The one on the left is brighter and more aggressive. There are two inputs per channel. The top jack input is the one that is usually plugged into and has more gain than the lower input. There is one Volume control for each channel. The other controls all adjust tone and are Treble, Mid, Bass and Brightness (Presence). Other things on the front panel include the On/Off switch, Standby switch and Mains fuse (2 Amp, slo blo).

There are a number of useful ways to plug into a “four-hole” amp.

- 1) Plug into either top jack and use its associated Volume control. Adjust the tone controls to taste.
- 2) Plug into the top input of the left (bright) channel and plug a short jumper cable from the lower input of the left channel into the top input of the right channel. You are now plugged into both channels and can blend them for more tonal possibilities. This setup is commonly used on the more aggressive 1970s amps where the left input has very little bass (until you crank it all the way up) and the right Volume control is used to fatten the sound. The left channel on this amp is full with plenty of bass so this is not necessary but you can if you like!
- 3) Plug into the top input of the right channel, turn it up to the desired level (louder is usually better!) and then turn up the Volume control of the left channel to add some highs (chirp) and upper mids. The setting of the left Volume control will vary depending on the speakers, room conditions and anything else that can affect tone. This is a favorite arrangement for the early

two-channel, four-hole amps which used a shared cathode on the first 12AX7. It is rumored that some famous guitarists used this setup to achieve their sound in the mid to late 1960s.

This is a simple, plug-and-play amp. Plug in, set your controls and play some music!

Back Panel

IEC AC Mains connector

Voltage selector

Impedance selector

Speaker jacks: Set the impedance to the same impedance rating of your speaker cabinet. The combo comes with two 16 ohms speakers in parallel which equals 8 ohms.

Top Mount Head Specifications

Power: 30 watts clean, 45 watts when pushed

Tubes: two KT66s, three 12AX7s

Front panel: Volume (ch1), Volume (ch2), Treble, Mid, Bass, Brightness, On/Off, Standby, Mains Fuse

Back panel: IEC mains (AC) socket, Voltage selector, Impedance selector (100V, 8, 16), two speaker outputs

Dimensions: (H) 11", (W) 25.75", (D) 10"

Weight: 37.3 lbs

Combo Specifications

Power: 30 watts clean, 45 watts when pushed

Tubes: two KT66s, three 12AX7s

Front panel: Volume (ch1), Volume (ch2), Treble, Mid, Bass, Brightness, On/Off, Standby, Mains Fuse

Back panel: IEC mains (AC) socket, Voltage selector, Impedance selector (100V, 8, 16), two speaker outputs

Speakers: Two Celestion Heritage G12M 16 ohm speakers wired in parallel for a total of 8 ohms

Dimensions: (H) 19.75", (W) 28", (D) 10.5"

Weight: 50.1 lbs

Service: This amp is 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 an internal fuse on the center tap of the power transformer. This is either 500mA or 1A. 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. Power tubes (in this case KT66s) 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. Replacing tubes may seem easy but it is highly recommended that the amp be biased by a qualified technician.

Park Amplification

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Defective products that qualify for coverage under this warranty will be repaired without charge. If repair is not possible the product will be replaced at Britampco Ltd's discretion. To receive warranty service, email us at sales@parkamplifiers.co.uk for instructions which may include either returning the amplifier back to Britampco Ltd or sending the complete product to an Authorized Electronics Service Center, with proof of purchase, during the applicable warranty period. The Authorized Dealer from whom you purchased your product may also be authorized for warranty service. TRANSPORTATION COSTS ARE NOT INCLUDED IN THIS LIMITED WARRANTY.

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