



Brimar Thermionic Products 12AX7 going through test

Brimar Thermionic Products

Brimar thermionic products are dedicated to bringing you the best valves possible – we know this is a huge task and not one to be taken lightly but each time you purchase one of our electron tubes it brings us closer to manufacturing right here in the U.K. We already produce high quality guitar amplifiers under the [TellyTone Brand](#) and later this year will see the release of the Brimar TP Buchanan 300B stereo hi-fi amplifier (how ever production will not begin until 2016). Coming soon and due for release in Autumn/Winter 2015 is the Brimar thermionics' Multivalve. This digital/analogue tester has the capability of testing 1000s of different tube variants with variable heater voltages up to 50 volts makes the choosing of vacuum tubes a breeze providing the service engineer with a easy to use, highly portable thermionic valve tester. We sincerely hope that you join our quest to manufacture high quality British Audio and we thank you for your highly valued custom. If you would like to know more about who we are or what we do then please use our ['Contact Form'](#) to send us a message.

Pentode



Brimar TP EL34

There are many EL34 variants all with slightly different characteristics. We have chosen this rendition as we know that these tubes get hammered quite severely, often on for hours at a time. They need to be of a rugged construction and deliver the authentic '34 sound.

We can supply these in quads, octets, singles and duals with only a cost premium on the octets. The design here is a rigid anode with cross-hatched grids for maximum stability. Further to this, all our '34's are fully burnt in before dispatch, making them ready to plug and play (bias not withstanding).

£20.00 (BTP-EL34)



Brimar TP EL84

Built from the original drawings of the Philips EL84 this EL84 has all the warmth and character of its predecessor. The gain structure is so close, its almost impossible to tell the difference without enormous lengths of unnecessary scrutiny!

Our EL84 is destined for wide use and sure to find its way into many a Hi-fi, guitar amp, radio, or record player.

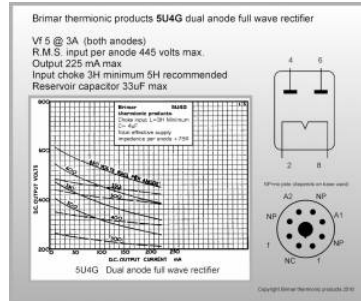
£12.00 (BTP-EL84)

2 total products.

Rectifier



Brimar TP 5U4G



Brimar thermionic's 5U4G provides smooth full wave rectification for high fidelity amplifiers. Inside the 'G' type bulb you will find dual plates heated by a dual 5 Volt heater.

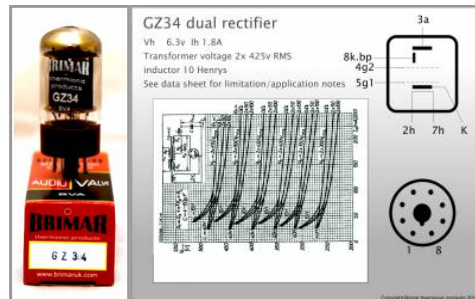
Often used in class A amplifiers, this rectifier or "dual diode" valve will complete your high end system especially where excellent controlled smoothing is required.

Modestly priced, this electron tube, when set-up correctly should provide years of trouble free service (Max smoothing capacitance 33uF choke min 3H).

£22.00 (BTP-5U4G)



Brimar TP GZ34



Our GZ34 double anode, full wave rectifying electron tube has the following features:

- Rugged construction
- Pan style getter
- Smooth full wave rectification
- Modelled on the superb original 'type 2' Brimar/Philips design
- Solid glass envelope Octal Base

We believe it to be a worthy replacement and suitable for virtually all GZ34 / 5AR4 requirements and applications.

£18.00 (BTP-GZ34)

2 total products.

Sockets



Brimar TP B7G Ceramic Valve Socket



This B7G ceramic socket has 7 tagged pins in a tight, neat package that can be mounted above or below the chassis line. It's high quality construction and excellent dielectric strength will give many years of reliable service. By special request, we can also supply a McMurdo **British Made** pheolite version at no extra cost.

£3.00 (BTP-B7G)



Brimar TP B9A (PCB) Ceramic Valve Socket



This is the PCB mounting version of the widely utilised B9A socket series. It has a high dielectric strength, rugged proven design and built to last a product lifetime. Ideal for use with Brimar [ECC81](#), [ECC82](#), [ECC83](#), [ECC804](#), [EL84](#), EF80, EST15, [12AX7](#) 12AT7, 6BQ5 etc. Great for refurb of Marshall, Hi-Watt, Fender and Vox Amps.

£3.00 (BTP-B9A-PCB)



Brimar TP B9A Ceramic Valve Socket



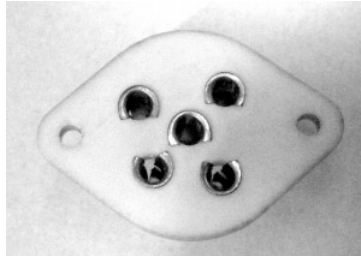
Widely utilised, the B9A is the most common socket found in valve related equipment. It has the advantage of being underside or topside mounted on the chassis, high dielectric strength, rugged proven design and built to last a product lifetime. Ideal for use

with Brimar [ECC81](#), [ECC82](#), [ECC83](#), [ECC804](#), [EL84](#), EF80, EST15, [12AX7](#) 12AT7, 6BQ5 etc.

£3.00 (BTP-B9A)



Brimar TP British 4/5 Pin Ceramic Valve Socket



This standard British 4/5 ceramic socket allows you to use either 4 or 5 pins as required by your tube and is suitable for PX4 etc.

£3.50 (BTP-BRIT5)



Brimar TP Octal Ceramic Valve Socket



This ceramic octal socket is neatly constructed and ideal for use with the Brimar [EL34](#), [GZ34](#), [KT66](#), [KT88](#), [5U4G](#), [6SN7GT](#), etc. It can be mounted above or below the chassis as required.

£4.00 (BTP-OCTAL)



Brimar TP UX4 Ceramic Valve Socket



This UX4 Socket is heavily constructed and ideal for use with the [Brimar 300B](#) Audio Valve / tube.

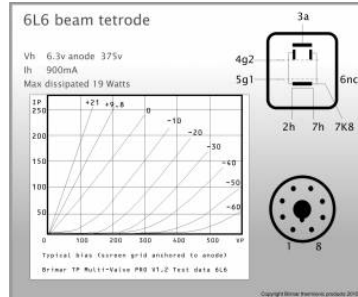
£4.50 (BTP-UX4)

6 total products.

Tetrode



Brimar TP 6L6 (Matched Pair)



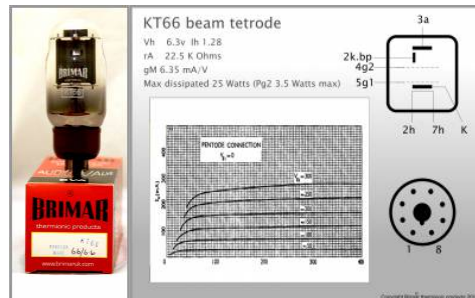
Brimar thermionic products 6L6 Beam Power Tetrode is ideal for high-output audio amplifiers and offers excellent sonic performance. This 6L6 is of rugged construction, lush in sound with extraordinary dynamics, stability and reliability. It has a triple anode for superior dissipation, excellent grid/screen alignment that's fully 'screen aged' and it can be operated upright or inverted. Our choice of 6L6 was difficult as the original Brimar is a hard act to follow. With everything considered the Brimar thermionics 6L6 is a very close facsimile that is highly musical and cost effective.

Put aside for one moment your bias (not the valve's bias) and try this rendition, its a pretty good economical contender when compared to the new old stock prices, We think you will agree the Brimar 6L6 is a huge sounding tube!

£29.00 (BTP-6L6-MP)



Brimar TP KT66 (Matched Pair)

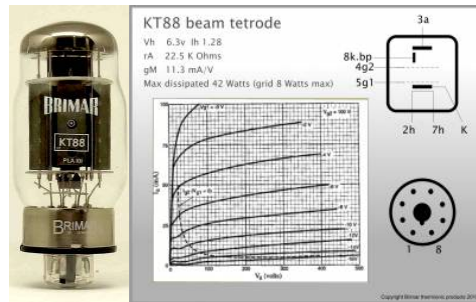


When choosing the '66 many things needed to be considered. Firstly the quality, then the price point - it's very easy to get caught up in 'this is better than that' scenario. But when it comes down to purchasing the valve of your choice, it is fundamentally quality that's important for most people. So choosing this one was really easy - it delivers on all counts. Not only does it sound excellent, it is not hugely expensive compared with some of its competitors or new old stock. Yes - we know it is not an exact replica of the original, but it comes so close in audio quality it makes the task of choice simple. Therefore we recommend Brimar thermionic products' KT66 in almost any fidelity amplification setting. We sincerely hope you enjoy the same experience.

£57.00 (BTP-KT66-MP)



Brimar TP KT88



Brimar thermionic products KT88 is a beam tetrode that has been selected for its sonic purity, and is most suitable for audio Hi-fi power amp applications. With its dusted M-O style rugged plate design, it has a smooth texture that compliments all but the most expensive amplifiers.

Whilst it is not a carbon copy of the original M-O valve, this certainly comes very close to it, and offers an excellent rendition of the beam tetrode vacuum tube sound. We absolutely understand the kudos surrounding the original KT88 and despite this the Brimar thermionics KT88 is a worthy replacement for the classic 88' at a fraction of the N-O-S cost.

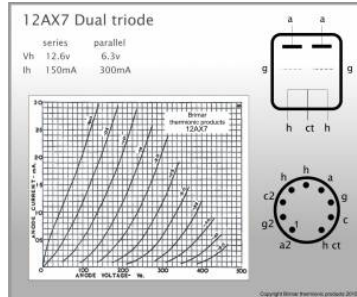
£35.00 (BTP-KT88)

3 total products.

Triode



Brimar TP 12AX7

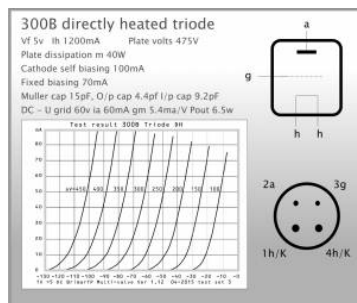


Brimar thermionic products 12AX7 long plate dual triode has been selected for its high gain, and is most suitable for musical instrument pre-amp applications, with its long plate spiral filament rugged design has a smooth bite that musicians crave for. Just like in the days of old British valve manufacturers would select certain vacuum tubes and mark them as 'foreign' we believe this is a worthy contender for the 'modern' 12AX7 as it provides somewhat more gain than its predecessor.

£16.00 (BTP-12AX7)



Brimar TP 300B (Matched Pair)



We thought very long and hard about this one as there are so many variants and 10 times as many opinions on which 300B is best. There are logical and emotional reasons why some will choose the most expensive (thousands of pounds) and if you are already there then you know nothing anyone utters will change your mind.

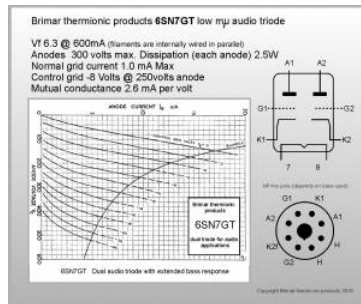
However if you are embarking on your early encounters with the 300B do consider the Brimar thermionic products' selection. It has excellent sound that's true to the 300B pedigree and it is not at all expensive. After all, not everyone has the luxury of a huge bank balance and it's certainly not in our ethos to present such a tube to you.

So here is our tube for the less financially endowed enthusiast! It has a very smooth sound that allows you to enter the world of directly heated tubes without having to take out a third audio mortgage. We genuinely hope that you love the sound of these valves and enjoy every minute of owning them (please note they are only sold in very closely matched pairs).

£189.00 (BTP-300B-MP)



Brimar TP 6SN7GT

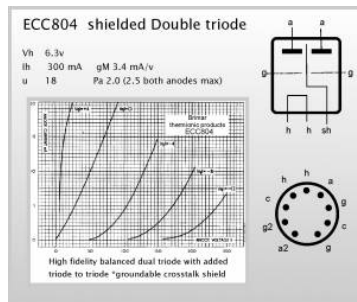


Brimar thermionic products' 6SN7GT Dual triodes are noted for their favourable sound, rich w armth, detailed bass and controlled mids. The highs are subdued just enough to maintain the wonderful smoothness of bygone times. These 6SN7GT tubes are nicely balanced for your complete peace of mind and are available in pairs and matched quads at no extra cost (please request on order) this neat little octal valve w ill make Hi-Fi listening a real pleasure.

£22.00 (BTP-6SN7GT)



Brimar TP ECC804



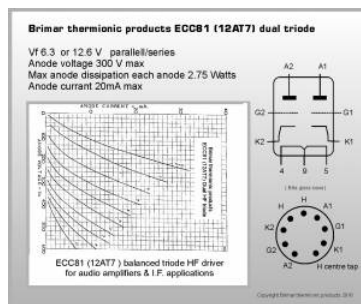
Probably one of the most underestimated tubes for high fidelity, The ECC804 has some amazing characteristics thanks to the relatively low mutual conductance. It provides the designer w ith the perfect phase splitter/buffer amplifier because both of the triodes are perfectly matched and have identical characteristics in every w ay. Further to this, You will find a shield betw een the tw o anodes reducing crosstalk to a bare minimum. Providing this shield is negatively grounded it w ill out perform many tubes in the same gm range by far. We love it so much, w e have used it in our Warkshire Tone Control used in our HiFi amps.

Our ECC804 is made right here in the U.K. and features a soft sintered anode design that w e believe is second to none. We therefore recommend highly the Brimar thermionic products ECC804... w e sincerely hope you agree!

£15.00 (BTP-ECC804)



Brimar TP ECC81

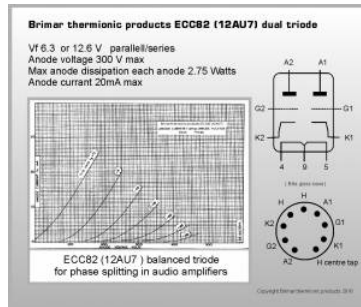


A useful little valve than can be used (w ith careful design) in high fidelity applications. It is also excellent as part of a frequency changing or H.F. system. Our budget model here is a snip and fully tested to meet your Construction/replacement requirements!

£14.00 (BTP-ECC81)



Brimar TP ECC82

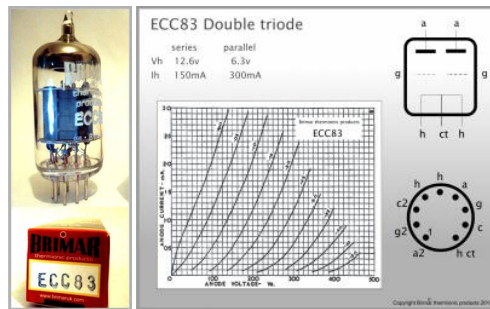


Often used as a phase splitter in guitar amplifiers complementing a matched quad of EL84's or EL34's, the beauty of our Brimar thermionic products ECC82 (12AU7) is we carefully select balanced triodes and listen to the tube before we are fully satisfied that you will enjoy the sound of these lovely little triodes and therefore maintain the very best in quality.

£14.00 (BTP-ECC82)



Brimar TP ECC83



Brimar thermionic products ECC83 is our classic dual triode. Selected for its 'neutral' gain character, it is most suitable for audiophile hi-fidelity pre-amp applications. Alongside its classic plate and soft anode design, it has a very rich and smooth sound that hi-fi enthusiasts will love. We believe this is a worthy contender for the 'classic' ECC83 as it provides almost identical gain when compared with the original Brimar product. That's not an accident; each anode grid and cathode is constructed as an exact replica of the original Brimar/Mullard ECC83 - a tremendous likeness in every way.

£15.00 (BTP-ECC83)

7 total products.