

*New for 2015*



*designed by David Shaw*

***Designed for transistor amplifiers where some valve "warmth and colour" is required***

**The BA3 buffer amplifier comes in a "one box" configuration for more convenient positioning.**

Not everyone is willing or able to change to valve amplifiers. But many hi fi fans find their system can sound too harsh and tiring to listen to for long periods of time. Our BA3 is designed to fit between any two units of hi fi and will insert some "warmth and colour" making your hi fi system more pleasant to listen to.

Although Valves and Solid State amplifiers both do the same job, *they do it differently*, microchips are excellent for digital circuits, valves are increasingly recognised as having musical qualities that are impossible to "see" in specification or measurement.

A "buffer" amplifier does not amplify the signal voltage, but increases its strength (or current). In the process of passing the signal through a vacuum tube, subtle changes are made to its nature, which many people perceive as an improvement.

Hi Fi has now reached a level where enthusiasts can detect the tiny improvements of power conditioning, cables, interconnects etc, and of course the difference between transistors and valves.

So it follows that an all valve, triode, Class A buffer stage can add something that you may be missing!

It may be connected for example between a CD player and amplifier, or between a pre and power amplifier. It is also extremely effective at reducing the loss of long connecting cables. E.G:

All cables have high frequency loss, even exotic interconnects can have a relatively large capacitance per meter, so a 10 m cable will absorb 10 times more high frequency detail than a one-meter length. So if the output impedance (the lower the better) of your preamp is not as good as it could be, you will lose vital high frequency detail. It is not a question of amplification but of "muscle" to make sure that no detail is lost on the way through your interconnects.

## **New BA 3 All Valve Buffer Amplifier**

**Makes Any CD Player or Solid State Amplifier More Musical**  
**Will Drive Very Long Cables**  
**All Valve Circuit**  
**Simple Triode Design**  
**Very Low Output Impedance**

We use a deceptively simple yet elegant SRPP circuit which has a delightful open yet warm sound. No feedback is used so the true so the true individual valve sound quality is not diminished. The standard Russian 6N6 has lovely qualities. But for tube rollers out there other vintage valves are an option see below.

It is a small relatively inexpensive upgrade. We guarantee you will be delighted. Try it risk free\*

### **Specifications and Features**

- Comprehensive manual supplied
- All hand wired point to point
- No printed circuit board to 'colour' sound
- Class A, all Triode circuit
- Very low output impedance of 180Ω
- 2x 6N6 (ECC88/6922/6DJ compatible) triodes
- ECC82/12AU7/ECC99 option when ordering
- 0A2 regulated for stability and advanced sonics
- Gain = 0.96
- Maximum output before clipping= 30v
- Ideal for any input from 50mv to 10v
- Signal to noise level better than -90db
- Frequency response 10hz to 100khz -0.1db
- THD typically less than 0.05% 1khz
- Solen hi fi audio capacitors
- Copper foil "Paper In Oil" cap upgrade option
- Silver PTFE audio cable
- Gold plated Input & output terminals
- One line input/line output
- By pass switch (for use when not powered)
- 220/240volts 50 watts.
- C E, ROHS FCC
- Dimensions: 31cmW x 14.5D x 12.5H
- Packed Weight= 2.5kg

(Specifications subject to change) \*(UK only from Icon Audio Ltd)

### **Summary:**

**An inexpensive way of adding some valve magic into your system whilst keeping you existing equipment.**