



Dear Customer,

you have bought a quality product, hand made in the Czech Republic by *Emission Labs*. This tube is build with extreme precision, and will serve you for many years. It has an ultra high vacuum, and plates, filaments and grids are made of hard-metal, giving this tube the highest possible lifetime. For complete datasheets visit: <http://www.jacmusic.com>

Factory Test Certificate

| | | | | |
|------------------|---|-----------------------|----------|----------|
| Tube Type | 274A | Serial Number | | |
| Distributor Name | | Filament Voltage | 5 Volt | 5 Volt |
| Signature | | Filament Current | Amp | Amp |
| Sold to | | Plate Voltage | 500 Volt | 500 Volt |
| Sold Date | | DC Output Current | 140 mA | 140 mA |
| Tester Signature | | Max DC Output Current | 160 mA | 160 mA |
| Test Date | | Short Circuit (1sec) | mA | mA |
| Comment | DC Output Current, is the rectified output current of the complete circuit. Do not repeat the Short Circuit test. This is done before the getter flash. | | | |

Guarantee Conditions:

1. All Emission Labs tubes have a guarantee of 12 months, or 2000 hours of use, whichever comes first.
2. The guarantee starts with the date of sales, as written the invoice.

Shipping instructions:

Prevent side shocks. Mail services drop the boxes sometimes. Use minimum 10cm (4Inch) of crumbled paper against all sides of the box, and pack the tubes upright. This is the only allowed shipment method. The inside tube system is heavier than with normal tubes, so good packaging is very important. Unsuufficient packaging or a too small box, may result in broken glass pieces inside the tube bulb. This is shipment damage and there is no warranty on this.

Burn-in

These tubes are burned-in initially. They need 50...100 hours extended burn-in under normal use. A good burn-in will assure maximum lifetime and develop the final sound. Some occasional blue glow effects will dissappear during burn-in. During burn-in, use different loudness levels from the beginning, and increase the maximum loudness gradually. Do not use the stand-by mode during burn-in, and let the tubes cool down after each use.

Attention: Do not overdrive the tube, or tap on a working tube. This will cause permanent filament damage.