



The AHCAUDIO CICADA is a 4 watt tube amplifier. It uses a 5755 tube for the preamp tube and an EL82 tube for the output tube. It has a 6" speaker in a sealed cabinet. The tone controls are a James design providing a wide tonal range for the amplifier. It is constructed using vintage techniques - point to point wiring on a Bakelite custom manufactured turret board.

Operation is simple, turn up the knobs for more volume, treble and bass respectively.

AMPLIFIER SAFETY

Do not leave amplifier running unattended.

The amplifier must be connected to a properly wired, grounded outlet. Never use an adapter. It's unsafe, and it will make the amp hum.

The amplifier uses 0.5A 250V slow blow fuse 5x20mm. Do not use any other fuse. If the fuse blows immediately upon start-up DO NOT USE THE AMPLIFIER. Return to AHCAUDIO for service.

The amplifier has extremely high voltages inside. Only qualified personnel should work on the amplifier. Do not open the amplifier.

Do not operate amplifier with tube guard removed.

Do not operate amplifier without a speaker hooked up properly.

Tubes are hot. Do not touch the tubes for at least 30 minutes after amplifier is shut off.

To replace tubes, remove tube from socket when cold and amplifier is unplugged.

It uses two tubes, a 5755 as the preamp tube, closest to the front of the amplifier, and an EL82 tube as the power tube, closest to the back of the amplifier.

Both of these tubes are commonly available in NOS - and they're cheap. But, they're running under stressed, and at low voltages, so they should last a good time.

The EL-82 may be NOS American, or a Soviet 6P18P, depending what I had in stock. These are cheap (\$2-3) tubes and they're pretty good as long as you respect their limits - and this design does.

5755 are all over eBay in NOS.

For a demo of the amp -

https://www.youtube.com/watch?v=s_-x9H5_SZo

