

# 45rpm Phono Gazette

## 7HF45 Amplifier Update

By Phil Vourtsis

I'm lucky enough to have the three different cabinet color choices in my collection for the 7HF45. Coming from the east coast most of the examples I have found were with the mahogany cabinet. In order to acquire a maple cabinet, I had to do a trade with a California collector. And I acquired the oak cabinet from a Michigan collector who was attending the big radio swapmeet in Rochester, NY. They all use the same amplifier which is a small 6X4 inch affair that is jam-packed with components that provide good sound from a 4-tube push-pull circuit. There is so much room in this cabinet that it seems silly that they used such a small chassis for the amp. When it comes time to restore the amp, it is a painstaking job. Here are some tips that should help.



7HF45 in Maple Finish

Always change one capacitor at a time. This avoids confusion when suddenly you can't remember which lead goes where.

Do a thorough check behind all terminal strips for old capacitors. Twice I have missed these hidden capacitors.

Do a resistance check on all of the larger resistors. Many times the 33 ohm resistor will be way out of spec.

If you still lose volume after recapping, make sure the tubes are good by doing direct substitution. Testing the tubes does not always uncover the problem, especially when it is intermittent.

If you are still losing volume, replace the cathode resistor in the 12AX7 circuit. (Cont. on page 2)

## One of the Rarest of them all



RCA Victor Coffee Table Record Player

By Phil Vourtsis

In the introductory year 1949, one of the 45rpm record players available was the 9W102 coffee table model. This model did not sell well, and until recently I had only seen this model in RCA Victor's dealer information. But Lee Wells from Connecticut, one of our 45 gazette subscribers, managed to find this one and send me some pictures.

The cabinet was given a modern look and this was the only style available. It was only available for 1 year. Connecting the unit to AC power must have been interesting as the cord would have to either be on the floor or under a rug, unless the homeowner installed an AC outlet on the floor next to one of the legs of the cabinet (highly unlikely).

I sure hope Lee works some magic on this and sends some pictures of the finished unit.

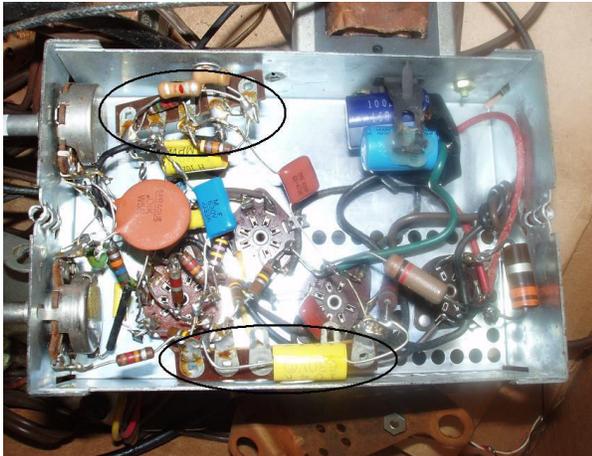


AM Radio plus plenty of storage space

# The 45rpm Phono Gazette

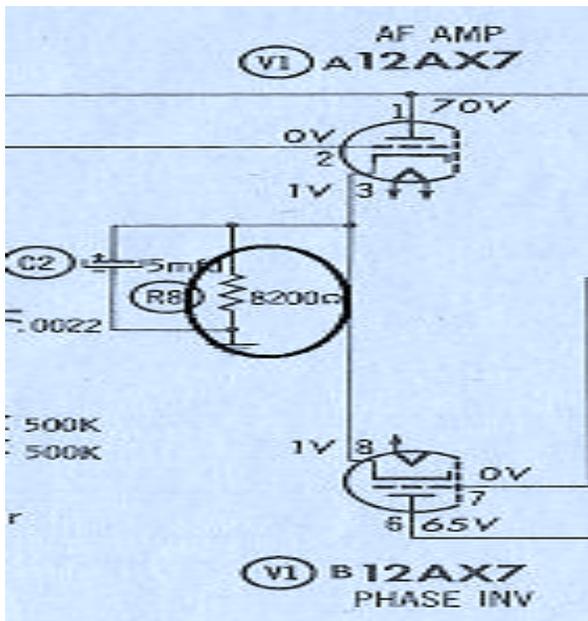
## 7HF45 Amplifier Update continued

## Picture Quiz



Check for old capacitors behind terminal strips

Of the five working 7HF45s I have, three of them were losing volume during the playing of a stack of records. Two of them needed the cathode resistor and one had a hidden capacitor.



Cathode Resistor circled



Quiz Picture

Here is an illustration of RCA Victor products for 1949 when they introduced the 45 rpm system of recorded music. Can anyone tell me what these illustrations were printed on? Answer will be in the next gazette.

## Spring Meet in Charlotte

By Phil Vourtsis

For the third time, I attended the Antique Wireless Association's annual Spring Swapmeet in Charlotte, North Carolina. It runs for 3 days (Thursday, Friday, Saturday) and includes interesting talks, the swapmeet, an vintage equipment contest, and an auction. This year the event was held in conjunction with the Charlotte International Cryptologic Symposium. It was attended by noted crypto historians and collectors from all over the world. The talks were quite eye opening and if you are interested in the subject you might want to get a copy of "The Dayton Codebreakers" documentary.

One interesting thing about this meet is they always start the swapmeet as a 'lemans' start. In other words no goods are permitted on the dealer's tables until the 8am starting time. That is also when the throng of buyers is allowed to enter.

As far as record players go, they were pretty scarce. I purchased a 6EY2 black Bakelite model which looked pretty rough but cleaned up beautifully. The price was right at \$10. During the auction I bought a Philco model 38-62 that was cosmetically stunning for \$45. It needs plenty of electrical work.



June 30, 1954

DOWN BEAT

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June 1954 edition of Downbeat Magazine. Courtesy of Phil Vourtsis Collection.

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