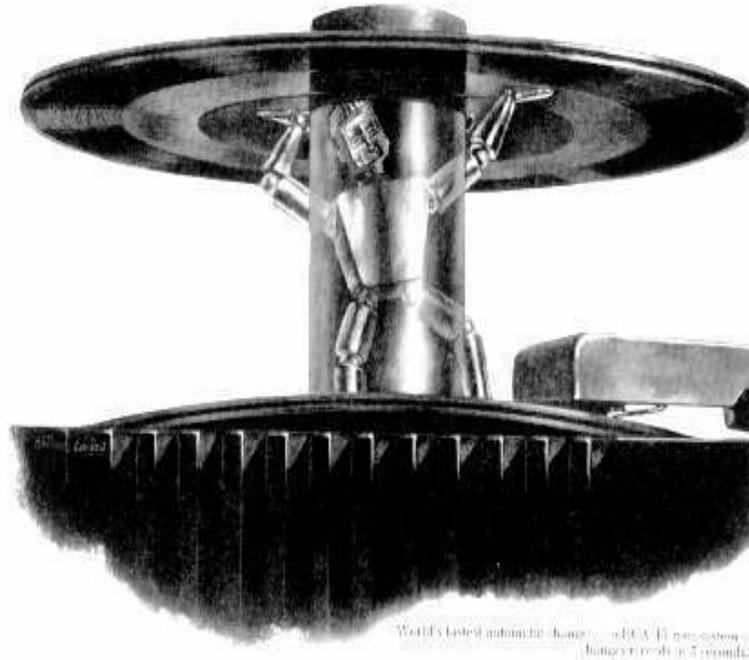


45rpm Phono Gazette



45EY2, the most popular 45 phonograph by RCA Victor

Interesting talk about RCA Victor cartridges used on various 45 Players.

Doug VanCleve is one of a few of us who has tons of interesting information about RCA's 45 rpm cartridges and machines.

Doug says, regarding cartridges, we are forced to use what we have to work with now and it's a compromise.

The original, RCA built, crystal cartridges were just fine in their day. The gum rubber was soft and the records were not as highly modulated back then. The flat crystal cartridges may have all looked alike but there were several different part numbers with different output voltages and frequency characteristics. Something that Astatic replacements couldn't really address in all cases.

The amp in the 45-EY-4 was virtually identical to the Amp in the 45-HY-4, the first to use the Sonotone.

The biggest difference between the two models was the speaker and the .01mfd frequency corrective

capacitor values on the primary of the output transformer.

The EY-4 chopped off the high end to match the crystal cartridge, around 6.5 kHz. The HY-4 changed to .0022 mfd caps in series with 12K resistors to extended high frequencies to 15kHz, the same as the Sonotone ceramic and added a curvilinear speaker cone for better high frequency dispersion. The trend continued with the 7-HF-45 that used no corrective capacitors on the output transformer primary and added a separate tweeter and a crossover cap.

The 8-EY-4 was very similar to the HY-4. It also used a Sonotone but lost it's high fidelity status because they dumped the curvilinear speaker. I assume RCA didn't want it to sound nearly as good as their new 7-HF-45 and cost \$30 less.

The 45rpm Phono Gazette



The Vinyl covered Portables available in 1955 and 1956
From left to right 6EY3C, 6EY3A, 6EY3B, and 45EP15 (Elvis)

In 1955 RCA Victor offered the 6EY3 series of portable phonos. They were available in 3 two tone color schemes; dark and light brown (6EY3A), dark and light green (6EY3B), and dark and light blue (6EY3C). For some reason the blue model was done a little differently with light blue covering the front. This blue model is quite hard to find and was deleted from the lineup in 1956. RCA Victor also added a new model in 1956 which could only be bought by mail through a newspaper and magazine promotion. It is the "Elvis" model (45EP15). The only difference is Elvis' signature on the top right in gold lettering and a different grill.



Elvis model (45EP15) with signature in gold lettering.

These models had an amplifier with decent gain and a tone control. The brown and green

models are plentiful but the cases usually take quite a beating and I haven't figured out a way yet of improving the looks of ripped and abused vinyl! The 6EY3A model shown above was found new in the original box



THE WORK BENCH

Cabinet Refurbishing Plastic and bakelite

When refurbishing a phono, the first thing I do is remove everything from the cabinet. Then I immerse the cabinet in warm soapy water and gently wash it with a soft brush. After a good rinse, I let it dry. From this point on the cabinets are treated differently depending on whether they are plastic or bakelite.

A plastic cabinet can be buffed with Novus 2 scratch remover and polish. It is amazing how the light scratches disappear and what a beautiful shine you can get. If the scratches are deep, you may be able to get rid of some of it using Novus 3, but I don't find it as effective as Novus 2.

A bakelite case can be rubbed down with Gogo hand cleaner, and then topped off with a good grade Carnuba Wax. Some bakelite cabinets with a good outer shell can be polished with Novus 2 but BE CAREFUL. Sometimes the polish cuts right through the shell and leaves a light brown haze which cannot be remedied later. If you have a really nasty scratch in bakelite you can cover it with shoe polish or Old English scratch cover. Wooden cabinets can be brought back to life several ways. Obviously I am not going to address refinishing here. That topic could fill the whole newsletter. But if the cabinet is just starting to show signs of cracking and dulling, lightly sand with "0000" steel wool, clean thoroughly and apply Carnuba Wax. This technique will only work once, since you are taking some of the finish off.

45rpm Phono Gazette

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Nice Color AD from 1950 including the infamous 45EY3 with rp168 changer which was never manufactured.

WANT LIST

Bob Becker
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7 Woodland Road
Woodcliff Lake, NJ 07677
rdbbecker@aol.com
Beige knob for 8EY4FK
Large tuning or vol knob for
9Y510,6JM25 Ding Dong
Slideomatic
7HF45 Oak or Maple
8EY4DJ gray plastic front
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player

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Need 45rpm adaptor
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Fort Worth, Texas 76107

David Cox
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Urbana, OH 43078
dcc49@yahoo.com
45 spindle for Admiral
5W12N 2-speed record
player, bakelite lid for
Zenith twin 7. Outer
concentric r/p knob for
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phono).

WANT LIST

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Orwigsburg, PA 17961
For Sale- 15E
Demonstrator
rcgreen@schmobile.com

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(817-734-6906)
41722 N La Cantera Drive
Phoenix, AZ 85086
Rkolba0211@aol.com

Mike McKenna
6134 Early Autumn Drive
Centerville, VA 20120
ilikemike1@verizon.net
Need amplifier to either the
8EY4FK or the 8EY4DJ. If
you have the entire
machine, that is also fine
but what I really need is the
amplifier.

John Lee
314 East 11thSt.
Upland, CA 91786
Nipper45@verizon.net

Paul Childress
(804.271.7842)
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Chesterfield, VA 23832
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2609S. 800E.
Salt Lake, Utah 84106
Doug45rpm@hotmail.com

Martin Wolff
(402-687-2219)
wolfmoma@g.com
Speaker, mounting bracket
and output transformer for
RCA Model 9EY31

REPAIRS

Tom Paruta
(716.264.4035)
127 Creekside Drive
Amherst, NY 14228
TomTMP58@aol.com
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G400B410 for Admiral R/P 5W12N
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<http://www.turntablefactory.com/romano.html>

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