

The 45rpm Phono Gazette

NJ Antique Radio Club Museum now houses the National Broadcasters Hall of Fame



Early radio history is dwarfed by etchings of the National Broadcasters Hall of Fame inductees

After much toil and dedication, the New Jersey Antique Radio Club has added the National Broadcasters Hall of Fame as part of its Antique Radio Museum at the Infoage Learning Center in Wall Township, NJ. The museum and hall of fame have the distinction of being located on Marconi Road. As the curators of the Broadcasters Hall of Fame, the NJARC will be holding yearly induction ceremonies to honor those who have made a difference in broadcasting. On September 16th the first of these inductions was held honoring new Inductees

Arthur Anderson, Charles Osgood and Les Paul. While the first two inductees were present for the special event and toured the museum, Les Paul was presented with his award on stage at the club he plays at every Monday night in Manhattan. Afterward he invited the presenters backstage to his dressing room and signed a guitar for one of our club members, Dave Sica.

The museum is divided into key areas of interest starting with early wireless, progressing to early broadcast radio, the golden age of radio, transistor and FM radio, the history of recorded music from cylinder to iPod, and early television. All of these areas surround the central core area which displays all of the NBHF inductees. Toward the back of the museum there will be a large 'hands on' room for kids and a vintage recording studio and stage.

Although all the areas are well represented with vintage displays and artifacts, I was personally responsible for



History of Recorded Music spans early acoustic equipment through the colorful 1950s with RCA's 45 player and Webcor tape recorder.

the history of recorded music area that features the following items. A Dictaphone cylinder recorder represents the cylinder era. In time we would like to acquire and show an Edison cylinder phonograph. Next to that is a 1920s windup 78 rpm disc player in a beautiful mahogany cabinet. Then comes a table model radio/phono by Silvertone representing the 1930s. The 1940s shows a couple of wire recorders and the RCA Victor system of recorded music (45 rpm). For the 1950s magnetic tape is featured along with a colorful coral and gray 45 player. Then there are multispeed record changers, RCA's stereo cartridge tape, and the 4 and 8 track tape cartridges. To finish it off the display shows the cassette tape and compact disk. Now we just need an iPod to finish off the display.

The museum is open every Sunday afternoon from 1pm to 4pm. You are also welcome to enjoy other displays that are being prepared at the Infoage Learning Center. For more information, check out www.infoage.org.

It's that time of year again. If your address label says 1/07, then it's time to renew your subscription

\$6 for 4 issues, \$12 for 9 issues.

Send to 45-RPM Phono Gazette, 13 Cornell Place, Manalapan, NJ, 07726 or you can use Paypal (Account is pvourtsis@optonline.net, no credit cards please)

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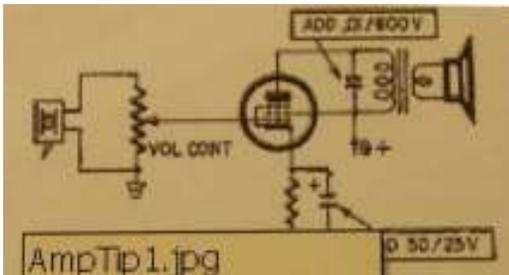


Workbench

Ways to improve the performance of the 'one tube wonder'

Article provided by Dennis D'Amico

Many 'economy' portable record players (one tube wonders) were available during the 1950s. Most were owned by teenagers who needed all the volume they could get while dancing. To get sufficient volume the gain control would be fully advanced, but often this was still not quite enough, especially after the pickup's output dropped because of age.



The info that is partially blocked reads 50-uf at 25 volts

These record players featured a one-tube amplifier which is stripped to the basic essentials. But for less than a dollar, gain and quality of reproduction of such an amplifier can be greatly improved. Simply connect a 50-uf 25 volts electrolytic across the cathode resistor. This increases gain by eliminating the degeneration in the cathode circuit. Any advantage that an unbypassed cathode may have in reducing distortion is offset by the small speaker these record players have.

To improve the quality of reproduction, connect a .01-uf 600-volt capacitor across the output transformer's primary. This eliminates most of the record surface noise, acting as a tone control and prevents saturation of the output transformer by high frequencies. Today's hi-fi records really contain plenty of high frequencies. Be sure to use a 600-volt capacitor as one of lower voltage may short due to the high peak voltages generated by the transformer's inductance.

New Replacement Idler. Does it measure up?



Willie Bosco has been kind enough to send me one of his new custom made idlers for evaluation. Here is the ultimate solution to our idler wheel headaches. The body appears to be made of solid brass and is very well made. Instead of rubber being installed around the body like the original idler, the rubber O rings are snapped on the outer circumference of the body. Since O rings are cheap and plentiful, this idler should last forever with a periodic change of O rings. The only thing to watch is when you install the O rings, make sure they are not twisted and are centered properly. Once they are seated properly you are set.

Now for the main test. How does it sound? I am pretty particular and the slightest wow or flutter bothers me. The test was done with piano music, which picks up flutter easily. The result after listening is excellent! The speed is right on, there is plenty of grip and no noticeable wow or flutter on my test changer. I did not notice any additional rumble from the turntable with this idler, although my test amplifier is not in the same box as the changer, so I guess I could run a few more tests and report in the next issue. The idler comes with a second set of O rings and an Idler Manager Cable. This cable can be used to pull the idler away from the motor shaft when the phonograph is not in use.

This is not your 99 cent idler replacement. It is a precision made device with a price tag of over \$30. But if you want the best for your 45 changer, this is it!

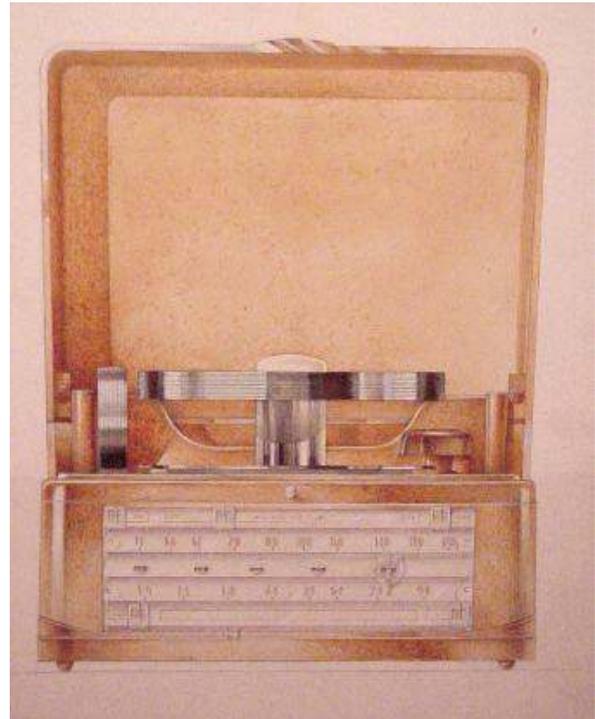
If you would like me to evaluate other items associated with the 45 player, please get in touch with me.

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Artist Illustrations of the proposed 45 rpm machine and record from the early 1940s



Artists rendering of early 45 player



Minuette with top cover opened



This model was referred to as the "Minuette"

If you have been following the gazette articles you know that the original prototype of the 45 rpm record and player was shown to RCA management in 1942. Artists were also hired to depict the new machine and what you see here are some of their drawings. Since the machine was not put into production at this time, these drawings were kept locked up. By the time the machine was introduced (7 years later) the illustrations were no longer an accurate account of what the machines would look like. But it is interesting to see what RCA Victor was ready to manufacture and offer to the public in the early 1940s.

Want List

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Bob Becker
(201.391.2971)
7 Woodland Road
Woodcliff Lake, NJ 07677
rdbecker@aol.com
Beige knob for 8EY4FK
Large tuning or vol knob for 9Y510
6JM25 Ding Dong Slideomatic
7HF45 Oak or Maple preferred
8EY4DJ gray plastic front with lid
Decca blk/red portable 45 player

Joe Centanni
(585.230.1539)
1667 Waterford Road
Walworth, NY 14568
s100x@rochester.rr.com
VM Stereo 45 player
Magnavox 45 player

Charles Cummins
(817-732-4313)
3912 Calmont Ave
Fort Worth, Texas 76107

David Cox
(937)484-3241
1407 Knight Road
Urbana, OH 43078
dcc49@yahoo.com
45 spindle for Admiral 5W12N 2-speed record player
Bakelite lid for Zenith twin seven
Outer concentric radio/phono knob for Emerson 635

Dennis D'Amico
11892 Pine Street
Los Alamitos, CA 90720-4163
Looking for Zenith Twin Seven parts

Bill Gourd
(989-832-2934)
1024 West Park Drive
Midland, Michigan 48640
In priority order:
8EY4, 7HF45 (wood case)
8HF45P (portable)
4Y511 (radio/phono)
9Y510 or 9Y511 (radio/phono)
6BY4

Hank Granse
(360-871-9014)
6751 View Dr. SE
Port Orchard, WA 98367
hgranse@ispwest.com

Bob Green
(570-366-3949)
1711 Breezy Acres Rd
Orwigsburg, PA 17961
rcgreen@schmobile.com
Record Demonstrator
RCA Children's records

Doug Houston
(810-627-4141)
3441 South Hadley
Ortonville, Michigan 48462
HoustonD@tacom.army.mil

Mike Schwartz
2464 Merel Drive
Hatfield, PA 19440-2230

mikebeatles@yahoo.com
Power pack for Skipper

Ron Jeff
30 Devonshire Terrace
Flanders, NJ 07836
973-584-1007
6JY1C with green base

Bob Kolba
817-294-9942
5950 Forest Highlands
DriveFort Worth, Texas 76132
Rkolba0211@aol.com

John Lee
1658 E. 5th St.
Ontario, CA 91764-2202
nipper45@verison.net
Can scan other character model
decal in exchange for Snow White.

John Ortale
(203-754-8346)
44 Barden Street
Waterbury, CT 06706
ortl@aol.com
Early Disney models

Tom Paruta
(716) 837-8131
43 Flower St.
Buffalo, NY
TomTMP58@aol.com
Zenith model T545 radio/phono.
Zenith twin seven (G660) or
"Dartmouth" console with twin 7

Bob Reck
(410)647-1849484
Botteford Court,
Severna Park, MD

Dan Saporito
8 - 5th Ave
Ortley Beach, NJ 08731

Doug Robinson
2609S. 800E.
Salt Lake, Utah 84106
Doug45rpm@hotmail.com

John Sportelli
(619-296-2422)
3753 Herbert Street
San diego, CA 92103
john.sportelli@cubic.com
Set of knobs for RCA radio/phono
models 9Y51, or 9Y510

Ray Tyner
(614-475-1697)
4709 Wendler Blvd
Columbus Ohio 43230-1642
rcray45rpm@msn.com
Birch 45 player, Steelman 45
player

Chambers Williams
(817-446-0346)
9423 Marsh Creek
San Antonio, Texas 78250

Rex North
(937-368-3060)
5333 Alcony-Conover Road
Conover, Ohio 45317

Looking for spare idler and
cam.

Services

Willie Bosco
707.923.3897
1588 Miller Creek Rd.
Garberville, CA 95542
williambosco@msn.com
"Lowrider" replacement
cartridges available

Paul Childress
6632 W. Denny Ct.
Chesterfield, VA 23832
804-271-7842
pchildress@prodiqy.net
Players repaired and rebuilt

Bob Havalack
(585-458-0801)
44 Backus St (2nd fl)
Rochester, NY 14608
ebm21@frontiernet.net
Will repair/rebuild players.
Specialize in car 45 player
rebuids.
Idler and Cam rebuilding

V-M Audio Enthusiasts
(248-478-0990) eves/wkends
37530 E. Meadowhill
Northville, MI 48167
gstork@concentric.net
www.thevoiceofmusic.com
Repair parts including both
V-M and RCA 45 players.

Phil Vourtsis
(732-446-2427)
13 Cornell Place
Manalapan, NJ 07726
pvourtsis@att.com
Books signed by author
The Fabulous Victrola '45'
Schiffer Publishing LTD.
29.95 plus \$4 shipping

Vintage Electronics
128 Buccaneer Drive
Hattiesburg, MS 39402
601.264.4755
phonoed@aol.com
www.vintageelectronics.com
Rebuilding Service
Idlers, cams, cartridges

West Tech Services
570 Hazelgreen Road
Smithville, WV 26178
Rebuilding Service
Idlers, cams, cartridges

Kurt Wilmarth
(716.279.8948)
c/o Echo-Tone Music
991 Genesee Park Blvd
Rochester, NY 14619