

The HBR-16 Receiver - with Eddystone dial built by Joe, K8KEG • Vintage Home Brew Ham Gear!

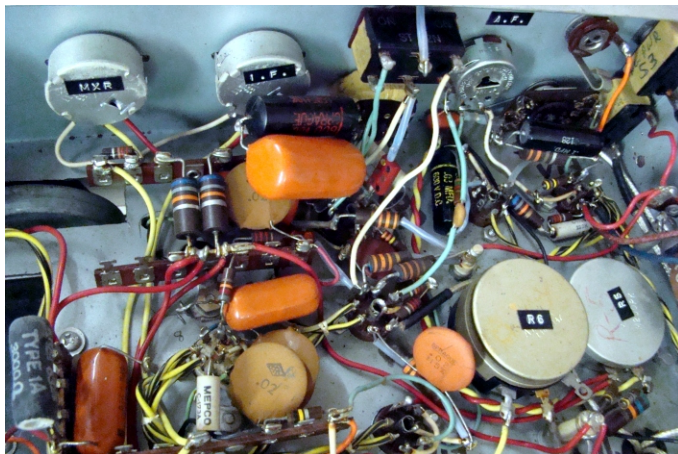


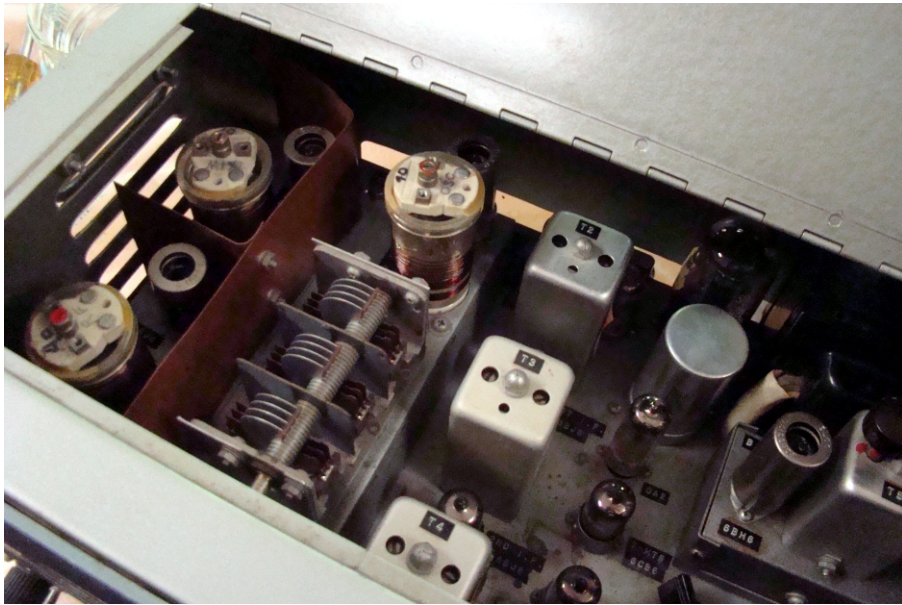
This is a prime example of a Ham Radio “Home Brewed” amateur band receiver from the pages of QST. This is a 16 tube, dual conversion superhet ham bands only receiver. 80 meters through 10 meters. The design of the circuit and construction was first published in QST by Ted Cosby, W6TC in the Oct. 1959 QST. Subsequent W6TC QST articles show mods and upgrades to the receiver.

The HBR-16 uses plug-in coils in the front end: RF - MIXER & OSCILLATOR coils for each individual band.

This receiver was expertly built by Joe Feicht, K8KEG (SK) of Akron, Ohio in the early 1960's using the newly released Eddystone linear dial. The receiver comes with the coils, coil box and Joe's extensive, very detailed construction notes with large schematic. Joe worked at the Goodyear Aerospace Corp.

The June 1961 QST article shows how the new Eddystone dial can be adapted to up grade the receiver. It receives AM, SSB and CW. The following pages of photos show K8KEG's careful and exacting construction, wiring and craftsmanship.

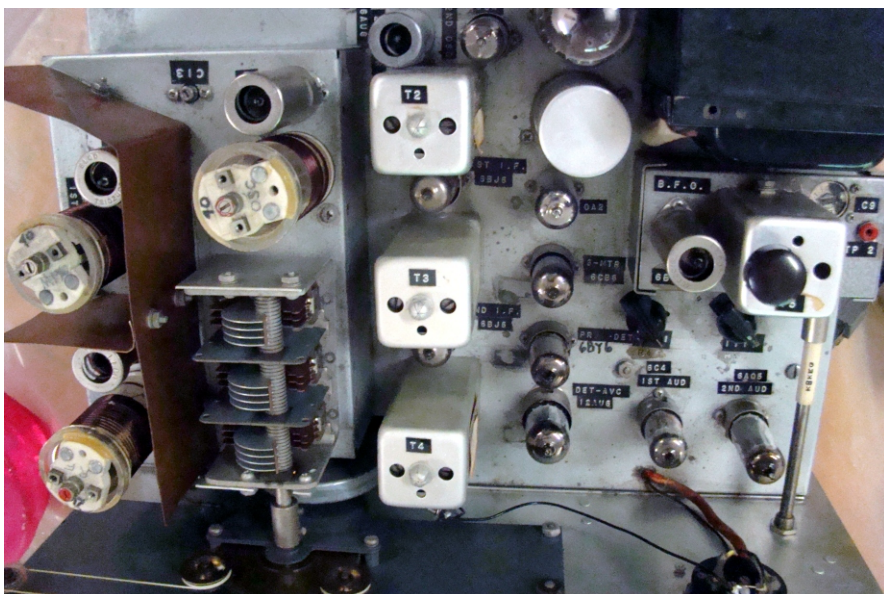




Top hatch for coil changing



Rear chassis view.



Overall top chassis view.



80 meter 5 prong coil detail. Coil data drawings in notes.



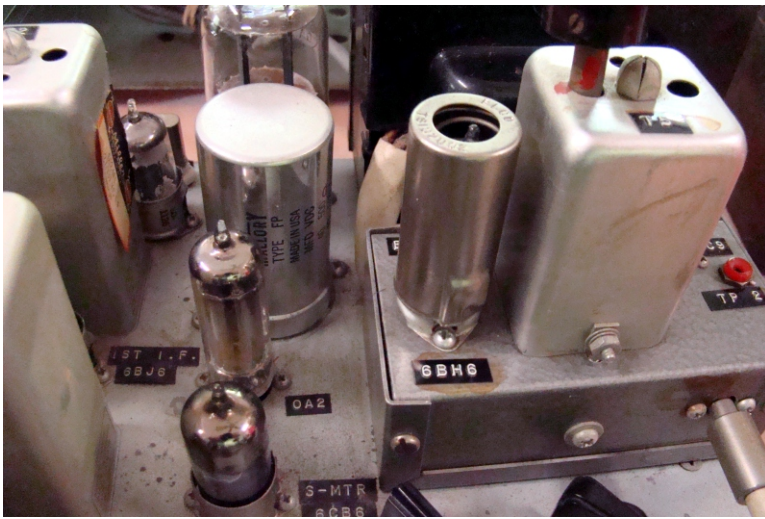
10 meter 5 prong coil detail - beautifully wound coils.



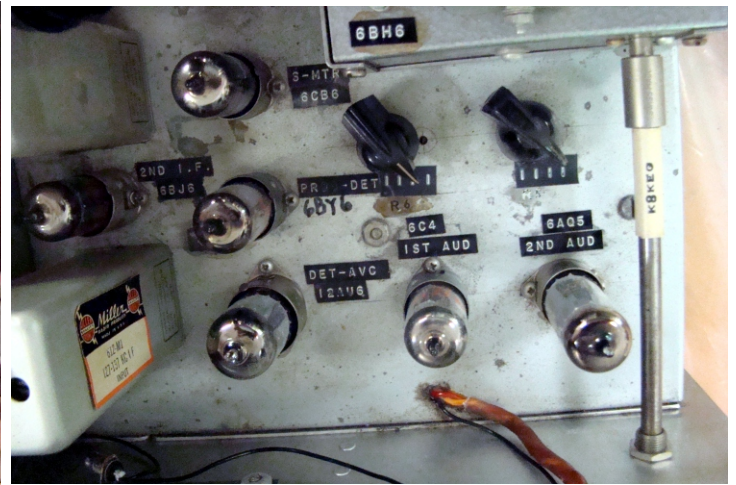
Coil storage box. 40 meter coils in receiver.



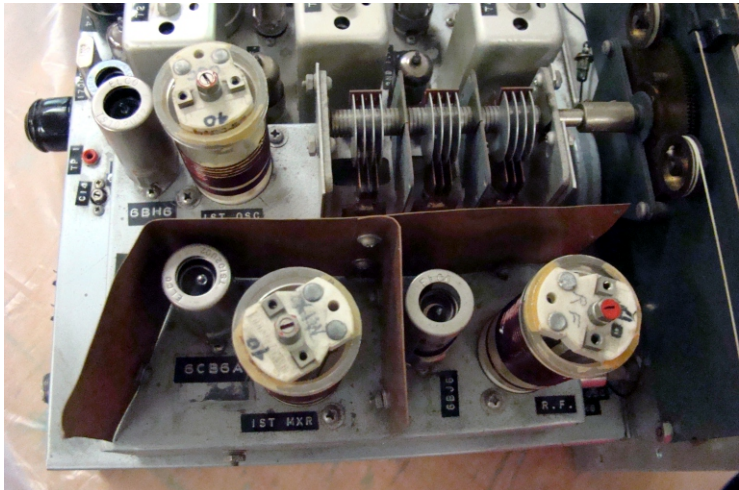
Coil storage box detail.



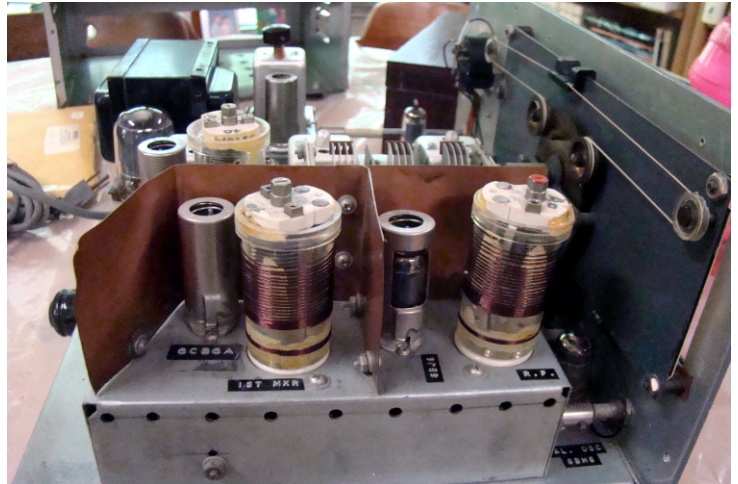
BFO sub assembly.



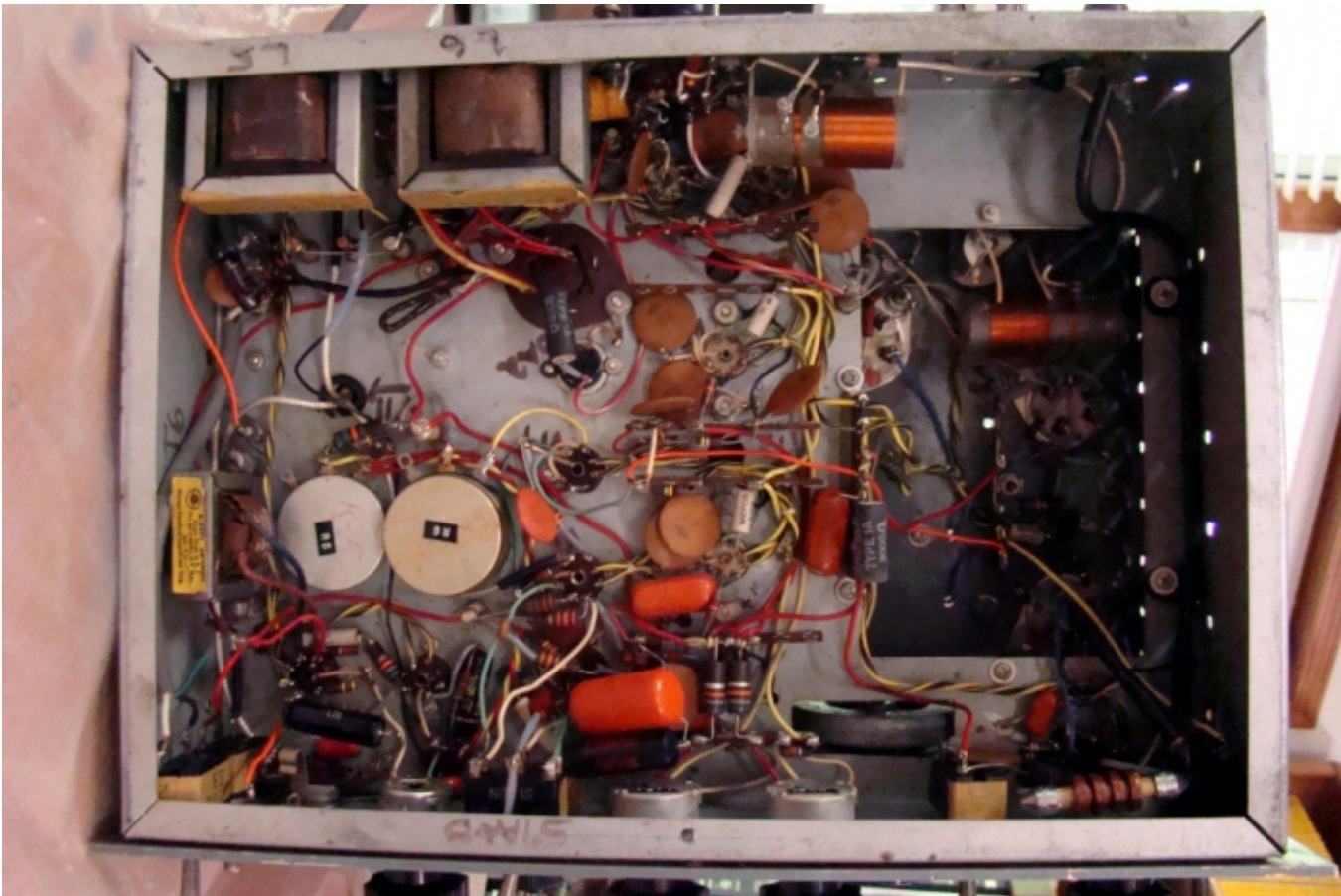
Top chassis detail.



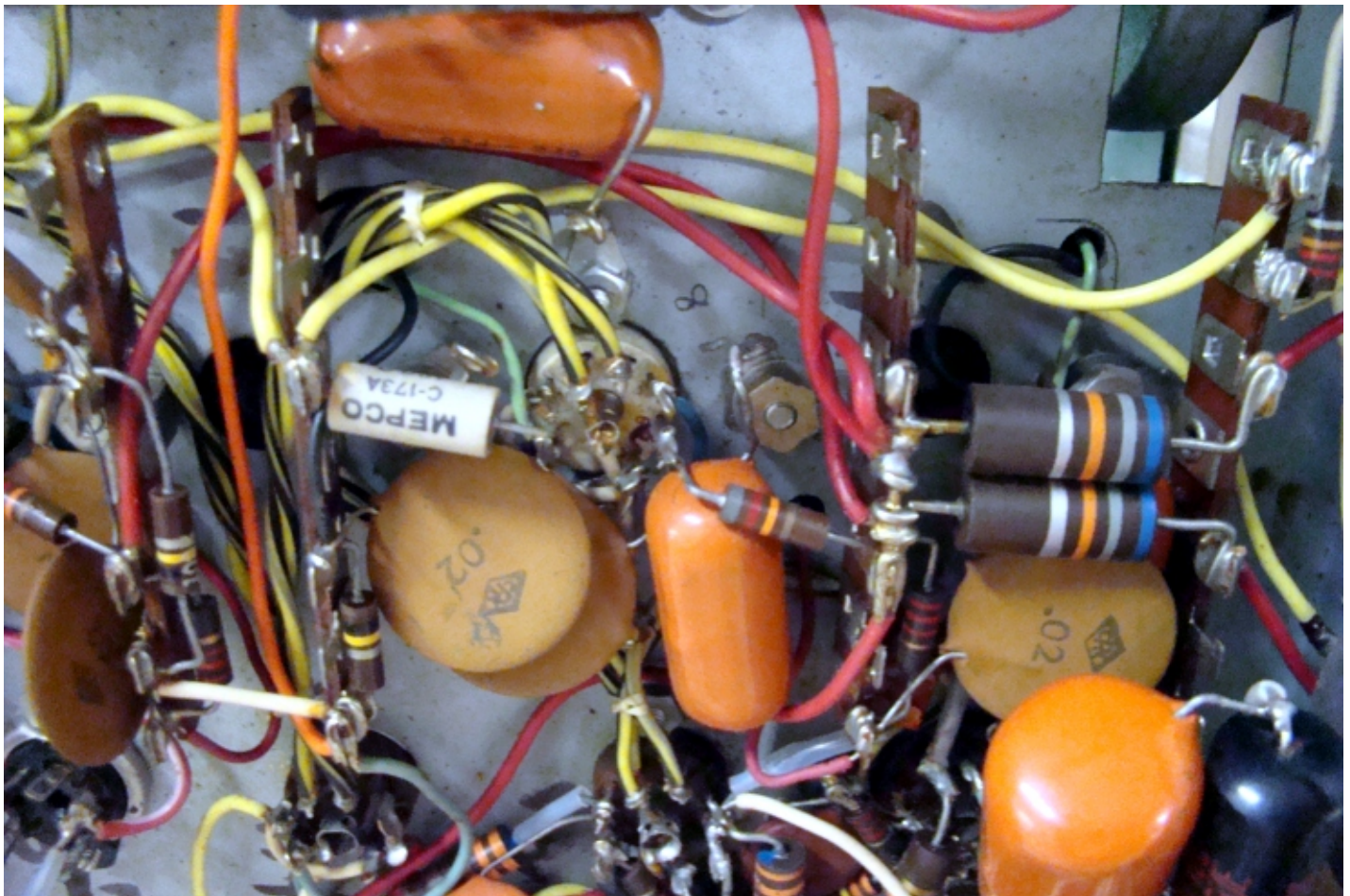
Front end shielded assembly.



Front end shielded assembly.



Overall under chassis wiring view. Quality Orange Drop and disk caps used throughout.



Wiring detail.

