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another MRL Handbook...

by Elmer G. Osterhoudt

HB-3

5½ x 8½  
24 pages  
10 drawings

# CRYSTAL DETECTORS

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7000 miles on a Crystal set in the 20's, with poor transmitters - see page 23.

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This is a complete revision of our original Handbook, published in 1938. Lots of material has been added, and the book brought up-to-date in many ways.

Detailed data is given on most minerals used as detectors. This includes formulae, source, description, commercial uses, best methods of operation, use of the battery, and many other items of interest to the Experimenter.

On page 19 all 31 minerals are classified for easy reference. This shows formula, active element, battery use, if any.

On the same page is a classification by trade names, so you will know what you're buying.

Crystal diodes and Transistors are well covered. As most material on them is highly technical, we have brought it down in an easy-to-read manner, to make it more usable.

From the general outline of the Handbook, the Fan may be able to try other minerals in his experiments. Many hints are given that will help him along the way to proper manipulation.

L.C., Welland, Ont. says: "I think it is great. Learned a lot about Xtals I didn't know. My best DX on HB-4 set is Melbourne Australia (10,200 miles)."

M.R.H., Victoria Harbor, Ont.: "You did a swell job there, digging up all that info. for us, and presenting it in such an interesting form. I know everyone will be as pleased as myself."

H.H.P., Los Gatos, Cal.: "New HB very interesting. Gives good ideas on Diodes and Transistors."

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