

Uses 57 or

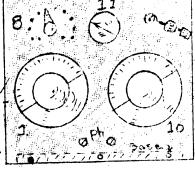
LIST OF PARTS: MRL #26 Cell. Xtal coil 6 ohm Rheostat (11) 2 3" dials Knob(arrow) 1 Switch lever. 11 stops 2 12 Sw. points 8 Binding posts or Fanenstock clips 1 Compo. panel 1/8" x 7" x 8" Base, plywood, 3/d" x 5" x 7" 1/2 mfd DRY condenser (6) 6 prong wafer, or base, socket MRL Fixed Iron Pyrites, or r 6. Pyrites or Steel Galena, α c/w Crystal stand(if reg. xtal) Screen grid cap Hookup, solder 57-58 or 6D6-6C6 tube. COIL PARTS (If U build UR own): MRL 2XM Coil Form with cement (2" dia. by $4\frac{1}{2}$ " long) 100 Ft. #22 DCC wire. 20 lft. #32 Enamel wire.

D.C. 3 VO A Gni COLL This circuit uses nt "B" Batteries unless more volume is de sired. Uses 57 or 58 tube for 3 vo. p.c. - or 606 or

changes have

the original

circuit, with



BASE & PANEL LAYOUTS Scale 1/4"= 1"

more volume & stability. You can use the set without "B" batts. by shorting across the dotted line near phones. You may use as little as l_2^1 volts of "B" - and the more the better -(depending on she .00025 or .00035 Var.Cond.(1-10)pocketbook). The set will play down to Police and Amateur phones. You may use a fixed MAL Iron Pyrites or plain Pyrites - or MRL Steel Galena. Be sure to nave c/w toward cond.

COIL: wind tickler- 30 Ts #32 enamel on MRL 2Xm form, starting from end with small ring. Anchor ends with tape under next turn. Put MRL Coil cement alone edges. Next to this, wind 90 Ts #22DCC wire, tapping coil every 9 Ts, & solder or leads to taps. Stand coil up in rear, with tickler at top. ASSEMBLY: Drill punel, using measure-

ments shown on rayout- 1 "=1". Allow plenty of room for Cond. Drill hole 4 switch lever and put shaft thru hole. use lever to mark circle - divide up into 10 points. Drill. Mount parts on base, after winding coil. Keep socket in same position, watching for large

holes. Bend tip on cond. (1) to make switch (9). Wire up. OPERATION: You may get more volume by snorting crystal (7) but the set will tune broad. You can use a larger cond (6) but be sure it's DRY as an electrolytic has a partial short and will not work. Also, a cond. like .00025 does not work well. The tube makes this set very stable, --When making inquiries, please send stamped envelope. Prices in "RADIO BUILDER" MODERN RADIO LABORATORIES.