

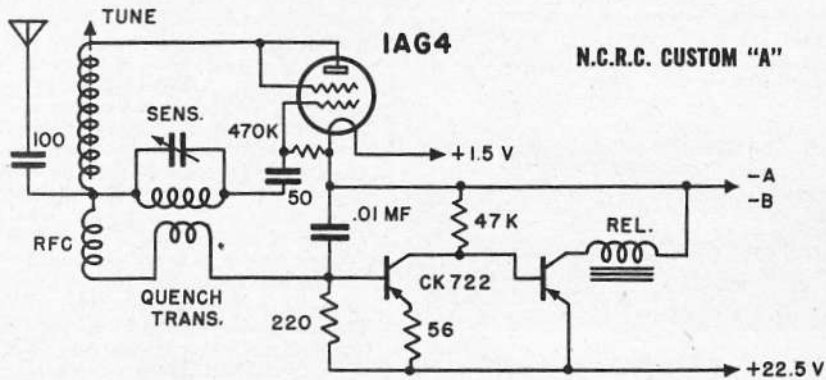
... sold here by the Amperex Company. Dealers who carry this receiver probably stock both tube and transistor; while the latter should never wear out, it can be ruined by hooking up the "B" battery is reverse.

Receiver's sturdy phenolic case can be glued to sponge rubber for shock mounting. There is only one control—tuning. Supplied is a 7-pin socket to match 7-pin plug through which all

strength.

N.C.R.C. Custom "A"

■ Three models of this receiver sell for the same price. The Custom A is covered here; Custom A-2 is the same except both relay contracts are brought out through the power cable and plug. Both are for 27¼ mc. Custom A-6 is for the



Amateur 50-54 mc band.

The receivers, basically single hard-tubers followed by two stage direct-coupled transistor amplifiers, are for use with unmodulated transmitters. Unlike many single hard tubers, the North Central units operate with low idling current through the relay; this rises sharply upon receipt of signal.

Transistor amplifiers offer another advantage—receiver requires only 22½ volt B battery. These receivers follow high pulse rates, should be ideal for proportional control systems based upon pulse rate and length.

Receiver parts are on bakelite plate riveted to an aluminum protective cover. Four corner eyelets permit rubber band suspension (or cement flat case bottom to foam rubber). Metal case is grounded to reduce effects of electrical interference on the receiver, and bare wires or other metal parts should not be allowed to rub against it.

Instruction booklet details connections, tuning and mounting. Manufacturer offers to replace any receiver demolished beyond repair for about half price, refunds full purchase price within 30 days if user is not satisfied and returns unit in undamaged condition.

A DPDT switch is required in the model. Receiver cable terminates in a small plug for which a socket is furnished.

Specifications: North Central Radio Control Custom A receiver for 27¼ mc CW operation. Requires one 1AG4 tube and two CK722 transistors (latter specially selected by maker for each receiver). Size is 1½ x 1¾ x 3-5/16" long. Two adjustable controls—tuning

(Continued on page 60)

North Central

(Continued from page 57)

and sensitivity. Weighs 2.54 oz. with cable and plug. Antenna length 12-18" depends on installation. Relay enclosed in case.

Battery requirements: A is $1\frac{1}{2}$ volts at 40 ma. B is $22\frac{1}{2}$ volts. Relay current idles with no signal at about 0.2 ma, rises to 4 ma on strong signal. Idling current about 1.8 ma drops considerably with signal. Receiver batteries should be changed when A drops below 1.3 volts and B below 20, both measured under load.

D/C Notes