

Collins Amateur Radio Equipment 1946 to 1980

1946

Permeability tuned oscillator (PTO). High stability variable frequency oscillator, the basis for all Collins amateur radio products.

Price \$40.00

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1946 - 310A used the 70E-8 PTO with an AC power supply.
PTO/Exciter for 30K-1 transmitter. \$100



1949 - 310A-3
powered from 30K-1
and used as
PTO/exciter for 30K-1
transmitter



1946 – 30K-1 AM/CW
transmitter. Input
power 500 watts CW,
375 watts AM,
80-10 meters.
Price \$1450, included
310-A exciter

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RigReference.com

1947 – 310B-1 (B-3)
80-10 meter PTO/exciter
for homebrew transmitters.
310B-3 standalone low
power transmitter with
antenna matching. \$190



COLLINS 310C-1 EXCITER

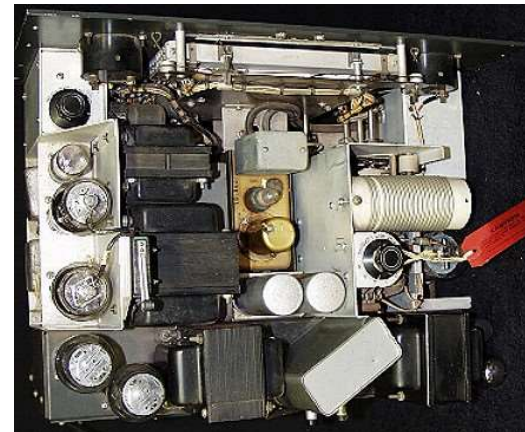
Collins Equipment / Archive PE1GVK

1947 – 310C-1 (C-2)
80-10 meter PTO for
homebrew transmitters.
310C-1 \$85
310C-2 \$100



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1946 (1949) – 32V-1 (V-2) Price \$475 (\$575)
150 watt AM/CW transmitter with Collins PTO

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1951 – 32V-3 improved TVI shielding
150 watt AM/CW transmitter with Collins PTO
Last Collins AM tabletop amateur transmitter.
Price new \$575



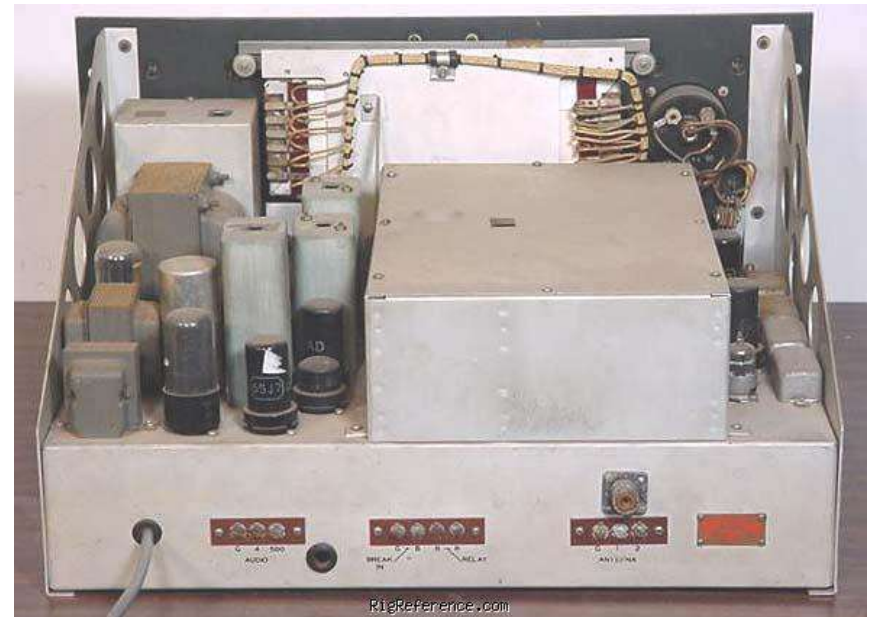
About 3,600 32V-1/2/3 transmitters produced

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1950 – KW-1 1000 watt input AM/CW transmitter (4000 watts PEP). Price new \$3,850.



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1946 - 75A-1 receiver 80-10 meters matched up with the 30K-1/310A and 32V-1 transmitters.
Modes AM/CW. Price new \$375

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1952 – 75A-3 160 – 10 meter AM/CW/NBFM receiver. Mechanical filter IF selectivity. Price new \$530.
Xtal first oscillator and tunable IF (1 mc tuning range 160-15 meters, 2 mc tuning range 11 and 10 meters)
About 6,000 75A-1/2/3 receivers produced



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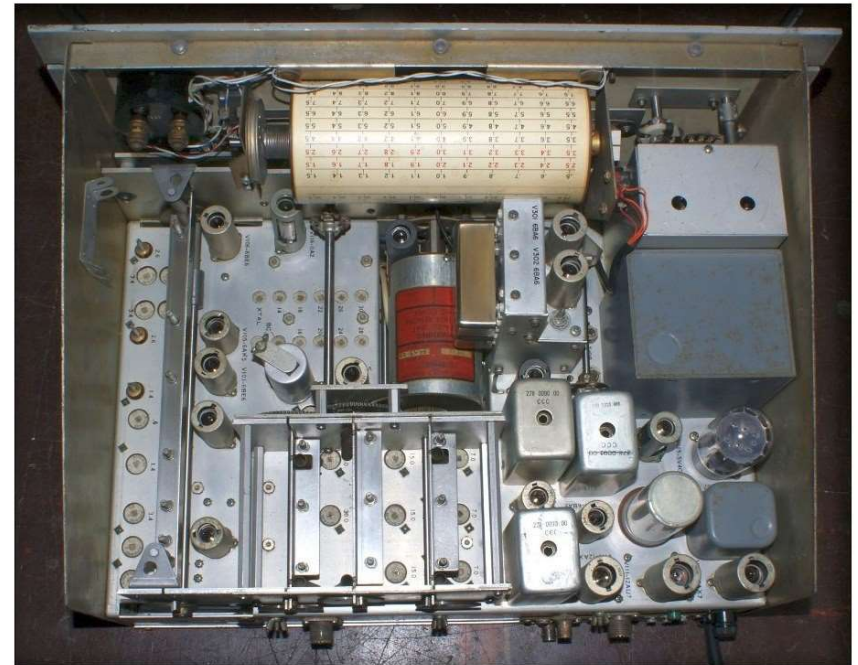
51J-1 (1949)
51J-2 (1950)
New price \$875

General coverage commercial/government
500 kc to 30.5 mc, in 1 mc tuning segments
About 22,320 units produced

51J-4 has three mechanical IF filters, 6, 3.1 and 0.8 kc



51J-3 (1955)
51J-4 (1957)
New price \$1000



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75A-4, 160 – 10 meters,
1 mc tuning range each
band. SSB, CW, AM;
3 mechanical IF filters,
product detector and
4:1 Vernier tuning.
\$495 price new



1955 - Collins Gold Dust Twins



KWS-1 80 – 10 meters,
1 mc tuning range.
1000 watts PEP input.
SSB, CW and AM.
RF unit desk and HV/LV
power supply floor.
\$1995 price new

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KWM-1 (1957)
SSB/CW 20, 15, 10 meters
New price \$770
About 1150 units produced



KWM-2 (1959) KWM-2A (1961)
SSB/CW 80 - 10 meters
New price \$1150 2A - \$1250
About 26,000 units produced

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KWM-380 (1979) \$2,995

All solid state 100 watts output 160-10 meters

2200? Produced

Collins Radio technical expertise and Rockwell deep Pockets. Synthesized oscillators and digital frequency selection. Five selectivity selections (xtal filters).

AC Power supply and speaker built-in. Also works directly from 13.8 VDC.

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http://www.f4dlo.fr/wa_files/collins-radio-company.pdf