

SWAN 260 SPECS

THE SWAN 260

The Swan 260 Cygnet was first sold in 1969 and was presented as a base, mobile, portable 5 band HF transceiver. With the built-in 120 volt AC and 12 volt DC supply, this 260 watt PEP unit is quite versatile. The radio covers 10 - 15 - 20 - 40 and 80 meters with a built in full band VFO, which is a temperature compensated solid state unit. The first design of the 260 has no "S" meter or current meter, rather it uses a green tuning eye for adjustment of PA and mic. gain. The original model also has a hand microphone which is directly connected to the front panel. There was another version that was produced just before the 270 was introduced, and this model of the 260 has a very small current meter and a 1/4" jack for the microphone connection. The 260 has no AF gain control, but uses only a RF gain control for AF level. A common mod was to add a dual pot and install a AF gain control.

FREQUENCY RANGE:

80 meters 3.5 to 4.0 Mc
40 meters 7.0 to 7.3 Mc
20 meters 14.0 to 14.35 Mc
15 meters 21.0 to 21.45 Mc
10 meters 28.0 to 29.7 Mc

POWER RATING:

Single Sideband 260 watts PEP Input
CW Input 180 watts Input

POWER OUTPUT IN TUNE AND CW MODE:

80, 40, and 20 meters is 130 watts average
15 meters is 100 watts average
10 meters is 75 watts average
* NOTE * PEP output with voice modulation is approximately 30 % greater than CW output.

DIAL CALIBRATION:

80, 40, and 20 5 Kc Increments
15 meters 10 Kc Increments
10 meters 20 Kc Increments

NORMAL SIDEBAND:

80 and 40 meters Lower Sideband
20,15, and 10 meters Upper Sideband

CRYSTAL LATTICE FILTER:

Frequency 5500 Kc
Bandwidth 2700 cycles at 6db, 6000 cycles at 50 db

AUDIO PASSBAND:

Plus or minus 3 db from 300 to 3000 cycles in both transmit and receive.

SIDEBAND SUPPRESSION:

45 db at 1000 cycles

CARRIER SUPPRESSION:

60 db or greater

DISTORTION PRODUCTS:

Approximately 30 db down

RECEIVER SENSITIVITY:

0.5 microvolts for signal plus noise ratio of 10 db.

DIMENSIONS AND WEIGHT:

5.5 inches high x 13 inches wide x 11 inches deep
weight is 24 lbs

TUBE COMPLIMENT:

V1 12BA6 VFO Amp
V2 12BE6 Transmitter Mixer
V3 6GK6 Driver
V4 6LQ6 PA
V5 6BZ6 Receiver RF
V6 12BE6 Receiver Mixer
V7 12BA6 1st IF
V8 12BA6 2nd IF
V9 12AX7 Det. AF
V10 6AQ5 AF Output
V11 6JH8 Balanced Mod.
V12 12BA6 Mic. Amp