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SIGNAL MONITOR

- * FOR USE WITH
HF RECEIVERS
- * SELECTABLE
SWEEP WIDTHS
- * HIGH RESOLUTION
- * COMPACT UNIT



**TYPE
SM-8510**

The CEI Type SM-8510 Signal Monitor was specifically designed for operation with communication receivers having an IF frequency of 500 KC. It provides a visual display of signals on a 1½" x 3" CRT in a band around which the companion receiver is tuned. Adjacent channel signals as far as 25 KC from the frequency tuned by the receiver are displayed. Sweep widths of 5 KC, 20 KC, and 50 KC are provided. The high resolution permits the modulation structure of a signal to be viewed and analyzed.

This unit, employing solid state and vacuum components, makes available to the communicator a compact precise monitor for use with HF receivers, such as the Collins Radio Company Types 51-J-4 and 51-S-1.

Communication  Electronics, Inc.
4900-08 HAMPDEN LANE BETHESDA, MARYLAND

SPECIFICATIONS

TYPE SM-8510

SIGNAL MONITOR

| | |
|------------------|--|
| IF Frequency | 500 KC |
| Input Impedance | 50 ohms. |
| Number of Inputs | One |
| Sweep width | 50 KC, 20 KC, and 5 KC |
| Resolution | 2.5 KC w/50 KC sweep width 1.2 KC w/20 KC sweep width 250 cps w/5 KC sweep width |
| Crystal marker | 500 KC |
| Vertical scale | Linear and 20 db Compression |
| Power input | 115/230 volts, 30 watts (approx.) 50-60/400 cps |
| Weight | 15 lbs. (approx.) |
| Size | 3½" x 19" x 15" |

TYPE SM-8511 identical to the SM-8510, but with an additional sweep width of 200 kc, is also available.

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