

SELCAL CODER BE 993-150-2/R

- Microcontroller operating, with illuminated display (LED)
- Latest up to date technology, μ C and LSI semiconductor
- Reliability using highly integrated elements and components and by burn-in of the equipment at the factory
- Repeat function of the select code
- Automatic self testing when switched on
- 8-digit lighted display (character high: 0.2", green) showing the selected code and in call sign operation
- Quartz stabilised frequencies, stored in a EPROM
- All functions are controlled and monitored digitally by microcontroller
- Link time programmable at the factory only (normally set at 2 sec)
- No adjustments necessary
- Modern design and appearance



TECHNICAL-DATA of the SELCAL CODER BE 993-150-2/R

(meeting at least standards of ICAO Annex 10, Selcal System)

- Dimensions:** front panel: width 483 mm, height 88 mm, thickness 4 mm
mounting: width 448 mm, height 88 mm, depth 205 mm, weight app. 2.4 kg
- Power Supply:** 110 to 230 VAC, 50/60 Hz, tolerance: -10 to +20% (No voltage selector required)
max. power consumption (TA = 25°C): 45 W
- Options:** 12 to 40VDC, or selective operation 110 to 230VAC or 12 to 40VDC
- Frequency range:** «RED» Block including tones P, Q, R and S
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|---|----------|---|----------|---|----------|---|-----------|
| A | 312.6 Hz | E | 473.2 Hz | J | 716.1 Hz | P | 1083.9 Hz |
| B | 346.7 Hz | F | 524.8 Hz | K | 794.3 Hz | Q | 1202.3 Hz |
| C | 384.6 Hz | G | 582.1 Hz | L | 881.0 Hz | R | 1333.5 Hz |
| D | 426.6 Hz | H | 645.7 Hz | M | 977.2 Hz | S | 1479.1 Hz |
- Other allotted frequencies are programmable at the factory
- Frequency stability:** less than 0.02%
- Frequency accuracy:** less than $\pm 0.15\%$. Both values from 0°C to 50°C (-30 to 60°C available)
- Audio Output:** Normally adjusted to 0.775V at 2 x 300 Ω (600 Ω), adjustable from -40 to +10 dB
distortion less than 15%
- CALL times:** Link time programmable at the factory from 0 to 5 sec (normally set at 2 sec)
(tone pulses) T1 = 1.0 sec followed by 0.2 sec interval, T2 = 1.0 sec, tolerance less than ± 0.05 sec
- Delivery:** 5 to 10 weeks after firm order
- Prices:** see price list
- further version:** Desk top

Alterations reserved

A considerable advantage of SELCAL CODER BE 993-150-2 is that the channels do not have to be constantly active. This prevents having to listen to irrelevant conversations.

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