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SELCAL CODER BE 993–150-2/DT

- Microcontroller operating, with illuminated display (LED)
- Latest up to date technology, µC 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/DT

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

Dimensions: width 242 mm, height 83 mm, depth 246 mm, weight app. 2.0 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

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 ±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 300Ω (600Ω), 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: 19" Rack mounted

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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