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ENGINEERING
TANNER

SELCAL CODER BE 701-250/R

- Microcomputer controlled, fully programmable version with illuminated Display
- Latest up to date technology, LSI and µC semiconductors
- Reliability using highly integrated elements and components and by burn-in of the equipment at the factory
- 3 different modes of operation are possible:
  a) normal operation: codes are inserted by depressing the respective keys
  b) memory operation: 36 codes (tones A to S) are programmable by the customer. The codes can be assigned either to a letter or a number on the keyboard (a safety lock has to be released first)
  c) call sign operation: selcal codes for 150 immatriculations - letters or figures - or flight numbers (max. 6 digits) can be programmed in addition to b) above
- Repeat function of the select code "
- Automatic self testing when switched on and also depressing a special key
- 32-digit lighted Display showing the actual mode of operation, selected code and in call sign operation, the
- immatriculation or flight number and code
- Quartz stabilized frequencies stored in PROM's
- The inserted data, b) and c) above, remain stored 6 to 8 weeks with switched-off equipment
- All functions are controlled and monitored digitally by microprocessors
- 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 701-250/R

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

Dimensions:	front panel: width 483 mm, height 177 mm, thickness 4 mm mounting: width 448 mm, height 177 mm, depth 220 mm, weight app. 4.7 kg
Power Supply:	110 to 230 VAC, 50/60 Hz, tolerance -10 to +20% (No voltage selector required)
Options:	18 to 34 VDC or selective operation 110 to 230 VAC or 18 to 34 VDC
Frequency range:	«RED» Block including tones P, Q, R, 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
Audio Output:	Normally adjusted to 0.775 V at 2 x 300 Ω (600 Ω), adjustable from -40 to +6 db Distortion less than 15%
CALL times: (tone pulses)	Link time programmable from 0 to 5 sec (normally set at 2 sec) T 1 = 1.0 sec followed by 0.2 sec interval, T 2 = 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 BEW 701-250 is that the channels do not have to be constantly active. This prevents having to listen to irrelevant conversations.   10.11.2010 / Ch.T.