



FR - 500 RECEIVER

Following the world-wide success of the now famous FR-100-B receiver, we proudly present our latest model, the FR-500, which in addition to the features of the FR-100-B includes 160m, a sharp notch filter and is equipped for CB use. It has a 100/25 KHz crystal calibrator and optional extra 2 and 6 m converters as well as an FM demodulator with squelch are easily fitted. The main dial knob can be locked.

TECHNICAL DATA:

Frequency range:	1,7 - 2,3+ . 3.5 - 4.1, 6.9 - 7.5, 13.9 -14.5, 20.9 - 21.5, 27.9 -28.5, 28.5 -29.1, 28.9 - 29.5, (29.5 - 30.1+, 9.9 - 10.5 WWV), 26,9 - 27.5, (+ = extra crystal required).
Mode of operation:	SSB, CW, AM, FM = (with optional extra demodulator).
Power supply:	117/220 V 50 - 60 Hz.
Image Rejection:	Better than 50 dB. Internal spurious signals on the amateur bands less than an equivalent 1 uV signal.
Sensitivity:	0,5 uV for 10 dB S/N.
Selectivity:	1 KHz/6dB, 4KHz/60dB, 2,4 KHz/6dB.
Frequency stability:	after warm-up: less than 100 Hz for a 10% variation in mains voltage.
Unwanted carrier:suppression:	with rejection tuning better than 50 dB.
Dial calibration:	One turn of the main tuning knob corresponds to 50 KHz. crystal generator 100 Kc+25 Kc, 1 Kc=4 mm.
Readout:	500 Hz
Antenna output:	50 - 120 Ohm.
Audio output:	Exceeds 1 W into 4 or 600 Ohms with 5% distortion.
A. G. C.	Time constant adjustable from 0 - 2 sec.
Weight:	14 Kg.
Dimensions:	37 x 16 x 29 cm. = 14 1/2 x 6 1/2 x 11 1/2 inches.