



RD-500 Database Radio

Frequency 20KHz - 40MHz 48MHz - 1750MHz

26 VFO's, 54,000 Data Text Entries and text word searching

Built in Voice storage and SSTV, FAX Interface

The future never sounded so good



A new concept in radio receivers - the RD500VX Radio Database is here!

Designed with the professional as well as the committed amateur monitoring enthusiast in mind, this unit makes scanning directories and associated publications obsolete. Contained within a compact 250 x 193 x 65mm package is a 54,682 entry database of radio stations together with their frequencies and modes.

Technical Specification

The RD500VX :-

An HF receiver with band pass shift, notch and peak filter, noise blanker, CW and SSB modes with smooth 5Hz tuning steps.

A VHF/UHF scanner with pause/hold/auto memory write, auto-tune AFC and many different scan modes.

AM/NBFM/WBFM and stereo modes with TV sounds and video output as standard.

2 megabytes of RAM with 54,682 entry capability.

A digital sound recorder built in.

A Remote Control Keypad.

A PC Interface.

Software to import, process and edit most file formats.

Frequency coverage	HF 20KHz to 40MHz VHF 48 Mhz to 1750MHz	Display	Alphanumeric character display showing frequency to 10Hz resolution, tuning or S-meter, record text and menus.
Reception modes	LSB, USB, AM, Stereo-CW, Synchronous AM and NBFM, Wideband FM, Stereo FM, TV Sound and Video O/P	AGC	Peak hold period and selectable decay speeds
Sensitivity (Typical)	500kHz to 860MHz SSB 0.25uV FM 12dB SINAD 500kHz to 35MHz AM 0.5uV SSB 10dB S/N 48MHz to 1300MHz AM 0.5uV 500kHz to 35MHz FM 0.5uV 48MHz to 1300MHz FM 0.3uV	Aerial inputs	50ohm input via SO239 socket High impedance input for whip aerial.
Tuning steps	5 Hz in SSB, CW and synchronous AM, 100 Hz in AM mode. Step size increases with spin-wheel rotation speed	Audio outputs	Stereo line output 0dB via phono sockets Record input/output at approximately 200mV on a din socket Headphone output (stereo)
Memories	54,682 memories (on board), each with 20 characters of text, frequency, mode	Power supply	12VDC 1A AC mains power supply unit supplied as standard
IF Filters	SSB - 2.4 kHz AM Wide - 6 kHz NBFM - 12 kHz and 6 kHz	Dimensions	Size 205x193x65mm (WxDxH) overall Weight approximately 1.6kg
		Options	Mini PC keyboard for direct data entry



South Midlands Communications Ltd

S.M. House, School Close, Chandlers Ford Ind Est, Eastleigh, Hampshire. SO53 4BY
Tel: +44 (0)23 8024 6200 Fax: +44 (0)23 8024 6206
Email: sales@smc-comms.com Web: www.smc-comms.com