



## 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.

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



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