

OVER 33,000
CHANNELS

JIL SX-200

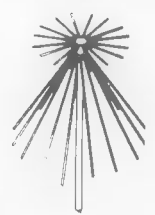


JIL
REGD TM

Monitor thousands of frequencies including those in the AIRBAND and Australian Low-band.

Now available, 32 Memories and auto AM on CB/MARINE and AIRBAND.

NEW RANGE OF ACCESSORIES See over.



A range of accessories is available including Broadband or High Gain BASE Antennas.

FINE TUNING for coverage of all Australian channels on VHF Low.

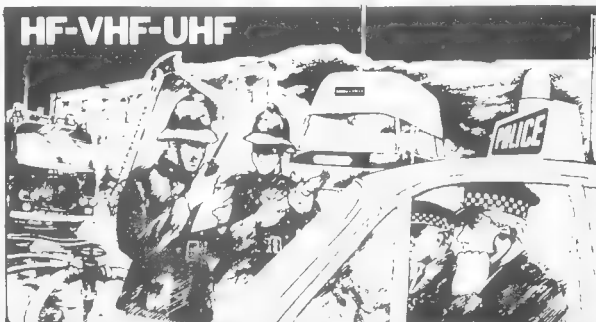
THE ONLY SCANNER THAT GOES 26-88, 108-180 & 380-514 MHz

SPECIFICATIONS

- **Type:** FM & AM
- **Frequency Range:**
 - a) 26-57.995 MHz Space... 5 kHz
 - b) 58-88 MHz Space... 12.5 kHz
 - c) 108-180 MHz Space... 5 kHz
 - d) 380-514 MHz Space... 12.5 kHz
- **Sensitivity:**
 - FM... a) 26-180 MHz 0.4uV S/N 12 dB
 - b) 380-514 MHz 1.0uV S/N 12 dB
 - AM... a) 26-180 MHz 1.0uV S/N 12 dB
 - b) 380-514 MHz 2.0uV S/N 12 dB
- **Selectivity:**
 - FM... More than 60 dB at -25 kHz
 - AM... More than 60 dB at -10 kHz
- **Dimensions:** 210 (W) x 75 (H) x 235 (D) mm
8-1/4 (W) x 3-1/4 (H) x 9-1/8 (D) in.
- **Weight:** 2.8 Kgs.
- **Clock Error:** Within 10 sec./month
- **Memory Channel:** 16 Channels
- **Scan Rate:**
 - Fast 8 Channels/sec.
 - Slow 4 Channels/sec.
- **Seek Rate:**
 - Fast 10 Channels/sec.
 - Slow 5 Channels/sec.
- **Scan Delay:** 0, 3 or 4 seconds
- **Audio Output:** 2 Watts
- **Ant Impedance:** 50-75 ohms
Whip or External Antenna with LO/DX Control (20 dB ATT.)
- **Freq. Stability:**
 - 26-180 MHz ... Within 300 Hz
 - 380-514 MHz ... Within 1 KHz

The JIL SX-200 represents the latest **STATE-OF-THE-ART** technology in the development of Scanning Monitor Receivers. It has many features that previous have not been available on receivers of its type.

For example the tremendous frequency coverage, which encompasses all of the following bands:— **HF & UHF CB, 27 & 155MHz MARINE, Australian LOW BAND, AIRCRAFT band, VHF SATELLITE band, 10Mx, 6Mx, 2Mx and 70CMx AMATEUR, VHF HIGH BAND and UHF TWO-WAY band** — as well as many others. Other features include detection of **AM** or **FM** on all bands. Squelch Circuitry that can be used to **LOCK OUT** carrier only signals. Fine Tuning control for off channel stations, **240 VAC** plus **12VDC** operation, Squelch Operated Output that may be used to trigger a tape recorder or channel occupancy counter and accurate Quartz Clock.



\$599



plus \$10
P & P

ACCESSORIES

- Service Manual \$12 + \$2 P&P
- Scan-X Base Antenna \$62 + \$10 P&P

JIL SX-200

A BETTER SCANNING MONITOR RECEIVER

HIGH QUALITY AND PERFORMANCE

JIL have designed the SX-200 as a high quality, high performance programmable scanning receiver at a realistic price, design criteria which are not born in many other receivers of its type.

MECHANICALLY RUGGED

The JIL SX-200 is ruggedly built using EPOXY-GLASS printed circuit board and double sided through hole plating techniques. Easy access and servicability is maintained throughout its design.

4 BIT MICROPROCESSOR WITH ONBOARD ROM AND RAM

A powerful 4 Bit PMOS Microprocessor, the uPD553, is used as a controller in the SX-200. Its features include 2000 x 8 ROM and 96 x 4 RAM onboard as well as up to 80 instructions with a 3 level subroutine stack.

EXTREMELY LOW SPURIOUS COUNT

Even though the SX-200 covers over 33,000 Channels JIL, through careful design, have been able to reduce the number of internally generated spurious signals to an extremely low level. Not the case in most other scanning receivers.

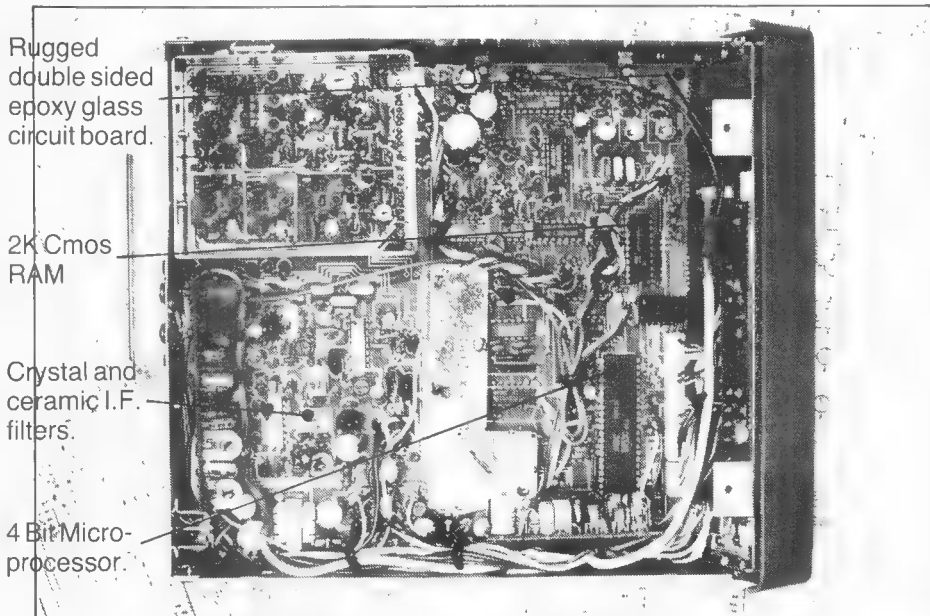
Monitor thousands of frequencies including many Military & Civil

HF-VHF-UHF



FULLY TRACKED RF AMPLIFIERS

The SX-200 makes use of 3 separate RF Amplifier Stages. They are divided into 6 bands, each band having its own electronically switched coils which are fully tracked with the receiver frequency using Varicap Diodes. Maximum performance is thus gained over the entire operating range of the set.



SX-200, RUGGED CONSTRUCTION AND EASY SERVICABILITY.

NEW ACCESSORIES

■ EXP-32 KIT

Increase the memories of your SX-200 to 32 with this memory expander kit. \$53 + \$2 P&P

■ A4-AM KIT

Provides automatic AM operation on the 27 MHz CB/MARINE and AIRCRAFT bands. \$32 + \$2 P&P

■ CVR-1B CONVERTER

allows your SX-200 to cover 180 to 380 MHz (Incl. SPACE SHUTTLE frequencies). \$199 + \$5 P&P

■ CVR-2 CONVERTER

allows your SX-200 to cover the SHORT WAVE bands, 0.55 to 30 MHz. \$189 + \$5 P&P

■ MFJ-332 VLF CONVERTER

allows your SX-200 to cover 5 KHz to 1600 HKz \$144 + \$5 P&P

AVAILABLE FROM

W.A.: Letco Trading Co. (09) 387 4966, N.S.W.: Emtronics (02) 211 0511, QLD: CW Electronics (07) 397 0808, S.A.: Jensen Intersound (08) 269 4744. Plus many other regional outlets, contact GFS for your nearest stockist.

AUSTRALIAN AGENT & DISTRIBUTOR

GFS ELECTRONIC IMPORTS

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