

## Synchronous receiver reduces fading

RELEASE OF the ICF-2001D, a multi-band PLL synthesized tuning radio covering LW, MW, SW, FM, and Air bands, has been announced by Sony.

It features a synchronous detecting system, to substantially reduce fading and beat interference; wide/narrow selectivity settings; 32 memory presets; a

four programme timer; selection for upper or lower sidebands; and 10 key direct access tuning or analogue tuning in 100 Hz steps.

Its specifications are a frequency range of AM 150 kHz-30 MHz; FM 76-108 MHz; Air 116-136 MHz; dimensions of 288 mm (w) x 159 mm (h) x

52 mm (d) and (weight) 1.7 kg (incl. batteries).

The new model retails at \$499 (rrp) from February.



For further information contact Sony (Australia) Pty Ltd. (02)887-6666.

## ABC to broadcast on HF band

A NEW high-frequency (short-wave) radio service to be introduced this year means that for the first time ABC radio will be heard throughout the Northern Territory.

The Minister for Communications, Mr Michael Duffy, has announced that three high-powered (50 000 watt) transmitting stations would be used to provide the new service.

They would be sited at Alice Springs, Tennant Creek and Katherine and each would have a range of approximately 240 km in all directions.

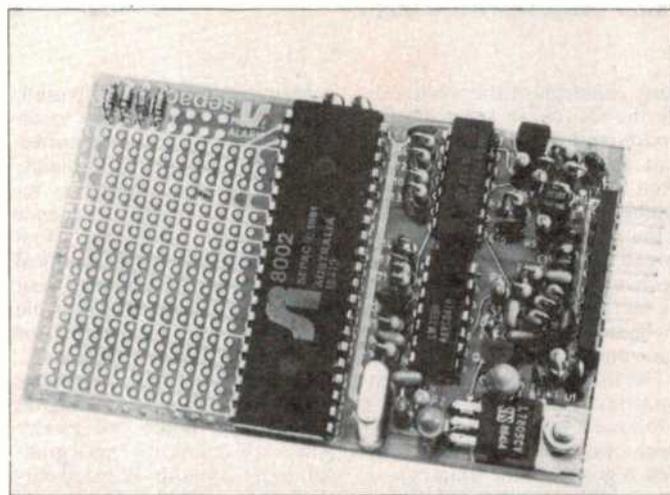
"Programs for the service will originate in the Darwin and Alice Springs studios of the ABC," Mr Duffy said. "For most of the time they will be the same as programs broadcast on the present medium-frequency stations — 8DR (Darwin), 8AL (Alice Springs), 8G0 (Nhulunbuy), 8JB (Jabiru), 8KN (Katherine) and 8TC (Tennant Creek).

"The ABC does have plans however to include segments of special interest to remote areas."

The Minister said the cost of the new service was estimated at \$3.8 million.

He advised people thinking of buying new radio receivers to look for those providing short-wave reception on the following bands:

120 metres (2.3 to 2.5 MHz), 90 metres (3.2 to 3.4 MHz), 60 metres (4.8 to 5.0 MHz), 49 metres (6.0 to 6.2 MHz), 31 metres (9.5 to 9.8 MHz).



A NEW pc board level selcal module has been added to Sepac's increasing range of selective calling products.

The S370 pc board is small enough to fit internally to most two way radios thus allowing, via a single switch operation, selective calling (selcal) on either a fleet or individual address basis.

Based on Sepac's reliable SI8002 microprocessor signalling IC, this pc board allows normal quiet operation of the

mobile, or base station, within the fleet until decode of an individually addressed selcal.

Benefits of this 'state of the art' pc board include, on return of the operator to an unattended mobile, a visual indication of the decode displayed and an audible indication to the caller that their selcal has been received, decoded and stored.

Selection of all five tones of the receive and transmit codes, plus selection of tone periods,

## Printed selcal circuit board level

lead in delay, tone format and other features are achieved by simple solder bridging of the code matrix, eliminating the necessity to cut tracks and add components as in other inexpensive selcal pc boards, thus reducing error, fitting time and eliminating time consuming circuit diagram examination.

All enquiries to Sepac Industries (Australia) Pty Ltd, 134 Beach St, Frankston, Vic 3199. (03)781-3144.

## Amateur radio award

THE GEELONG Radio and Electronic Society is introducing a new award to be named the "City by the Bay" award after the slogan of the city of Geelong.

The award will be issued to an entering club station depending

on how many points the station can accrue for contact with club station VK3ANR, contact with club members (mobile) and contact with fixed station club members. Interested clubs must keep and submit a record in log form and have their contacts

confirmed.

For further information about the Geelong Radio and Electronic Society or the "City of the Bay" award, contact Roy Whit-side, Awards Manager, 11 Carinya Ave, Newcomb, Vic 3219.