

NEW PRODUCTS



VHF/ UHF multimode multiband rig

The Yaesu FT726R offers FM, SSB and CW on the 50, 144 and 432MHz bands, by using separate plug-in RF modules for each band. An optional satellite unit allows crossband full duplex working, making it possible to hear your own signal coming back from an Oscar without the need for a separate receiver.

The VFO A/B system has ten programmable memories, and can be tuned in 20Hz steps on SSB/CW, or selectable steps (on a separate knob) for FM.

The basic unit, covering the 144MHz band only, costs £649 inc. VAT and is imported by both SMC and Amateur Electronics UK.

10,18 & 24MHz on the FT101 Mk. 1E

Harry Leeming (G3LL) is producing a modification kit to put all three new HF bands on the FT101 Mk. 1E, using the CB and WWV positions, together with a relay in the 21MHz position. The kit will produce full output, but it is recommended that power is kept to 50W or less for maximum reliability.

This modification will be described in a later part of the *Ham Radio Today* series on the FT101. We are, however, asked to point out that the kit is for this model only, and that it will not be produced for any other Yaesu rigs. The kit costs £15.75 inc. VAT and carriage, and is available from Holdings Photo Audio Centre, Mincing Lane, Darwen Street, Blackburn, Lancs., BB2 2AF.

Dipole tuning chart

The maker of the *Slinky Dipole* aerial is offering a free tuning chart to owners who want to use the aerial on the 10MHz band. No extra attachments are necessary, but the maker says this extra information is needed.

If you want a copy of the chart then send two IRCs to the Blackburg Group, Inc., PO Box 242, Blackburg, Virginia 24060, USA.



Locator map

The Intermedial *Locatorset* is a new map of Europe supplied with a transparent plastic ruler to enable rapid measurement of the distance between stations. It also offers a quick method of working out QTH/QRA locators.

The map has a scale of 1:3,000,000 and a claimed accuracy of 0.5%, which is within contest tolerances.

It is available from Intermedial Ltd., 3 Beech Avenue, Eastcote, Ruislip, Middlesex HA4 8MG.

Auto notch filter

Model ANF from Datong is a new automatic notch filter designed to remove 'tune-up whistles' and heterodyne interference automatically. It connects in series with the receiver's speaker.

The ANF has two interesting new features — firstly a horizontal LED bar graph display to show the notch frequency. Secondly, a speech compander (compressor/expander) is used to ensure the filter is operating at the optimum level no matter where the receiver's volume control is set.

The ANF scans the audio range from 270 to 3500Hz, and

locks onto and notches out a whistle in about a second. Datong says the notch is "typically better than 40dB at 3.5kHz."

The notch can also be moved manually if desired, but with AFC to 'lock it on' once it is set within 100Hz of the unwanted signal.

The filter can also be used in a 'peak' mode to provide a narrow CW filter, with a 3dB bandwidth of 60Hz at a frequency of 800Hz.

The ANF costs £67.85 inc. VAT and is available from either Datong stockists or Datong Electronics Ltd., Spence Mills, Mill Lane, Bramley, Leeds LS13 3HE.



BOOK: A Guide To Amateur Radio

This new and expanded (19th) edition of the *Guide* seems to offer something for every radio amateur and listener. The beginner will find an introduction to amateur radio; for the listener there are tips on starting as an SWL, with a list of Q-codes and prefixes etc; the RAE candidate should find the technical explanations of many radio topics useful; while the licensed amateur may find the book a useful reference.

The chapter titles are: This is

amateur radio; Fundamentals of electronics; Getting started; Amateur radio equipment; Communication receivers; Transmitters; The antenna; Workshop practice; The licence examinations; Operating an amateur radio station; The RSGB and the radio amateur; International amateur radio organisations. There are three appendices — 1982-85 RAE syllabus and objectives; Sample RAE questions; Safety pointers.

The book is a 160 page paperback, and costs £2.75 (or £3.44 by post) from the RSGB, Alma House, Cranborne Road, Potters Bar, Hertfordshire EN6 3JW

