



# MICROWAVE MODULES LTD

## AS REVIEWED IN THIS ISSUE

### RTTY TO TV CONVERTER — NOW WITH EXTRA FACILITIES! SUITABLE FOR UOSAT



This converter, MM2001, contains a terminal unit, and a microprocessor controlled TV interface, and requires only an audio input from a receiver and a 12 Volt DC supply to enable a live display of "off-air" RTTY and ASCII on a standard domestic UHF TV set. The display format is 16 lines of text, each 64 characters wide.

The following speeds of transmission can be decoded by the MM2001:

- RTTY: 45.5, 50, 75, 100 baud
- ASCII: 110, 300, 600, 1200 baud

The input stage of this unit is a digital frequency discriminator having two centre frequencies of 1360Hz and 1700Hz, switch selectable. This facility allows reception of all transmissions and standard frequency shifts. The inclusion of a printer output socket (Centronics compatible) allows hard copy of received signals.

The inclusion of a wide range of speeds and shifts makes the converter highly versatile, and compatible with most amateur and commercial transmissions. The unit is ideally suited for decoding the telemetry data at 1200 baud from the UOSAT satellite.

#### FEATURES:

- Complete terminal unit and TV interface
- Includes modulator to enable direct connection to a standard UHF TV
- Latest state of the art microprocessor system
- Printer output
- Automatic carriage return/line feed
- Automatic letter shift facility
- Upper and lower case display for ASCII

**£189 inc VAT (p&p £2.50)**

ALL MICROWAVE MODULES PRODUCTS ARE FULLY GUARANTEED FOR 12 MONTHS (INCLUDING PA TRANSISTORS)



WELCOME

**MICROWAVE MODULES**  
BROOKFIELD DRIVE, AINTREE, LIVERPOOL L9 7AM, ENGLAND  
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CALLERS ARE WELCOME, PLEASE TELEPHONE FIRST

**HOURS:**  
MONDAY-FRIDAY  
9-12.30 & 1-5.00

Advertising Copy dates for setting	
June issue	5th April
July issue	3rd May
August issue	31st May
September issue	5th July

Ham Radio Today, the only amateur radio magazine that you need not have a degree in electronics to decipher. Call Neil Terry on 01-437 1002 to discuss your advertising requirements.

## AMTRONICS (TONBRIDGE)

NEW AMATEUR RADIO SPECIALIST IN KENT

Now is the time to think about Antennas, Clamps, Poles, Cable Lashings. Rotators from £40. All in stock.

29 mHz LCL FM mobile Moded to cover 29.300 to 29.690 in 10kc steps with 100kc shift. 5 watts output. Price £52  
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Send S.A.E. phone or call in for details (or see you at the Maidstone Rally.

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WOOD & DOUGLAS



## RADIO KITS?

*Have you ever thought of building your own amateur transmitter?*

*Wouldn't you like to know what is under the lid of your transceiver?*

*Why not build your next pre-amp for a change?*

Wood & Douglas have had ten years of professional r.f. experience which has led in the past five years to the largest range of original design products for the radio amateur market in the UK. Our professional standards have led to only the best quality components being used on our compact miniature assemblies.

Our range offers kits or made-up modules for VHF and UHF transceivers, tonebursts, pre-amps, synthesizers etc. Each kit comes with a comprehensive set of notes that include circuit diagram, testing procedure, parts list and generally a twice full size layout. We do not offer the simple items external to the pcb such as a box or volume control which you probably already have. We give you the electronic heart of the equipment to an exacting well designed standard.

Full Details of our complete range are available on receipt of an A4 size SAE. Professional users should ask for our advanced design modules for OEM applications.

If you can solder you can build our products. If it doesn't work apart from being surprised we can offer a complete back-up/servicing facility for all the range.

TRY A KIT AND WE KNOW YOU WILL ENJOY IT  
UNIT 13, YOUNGS IND. EST., PAICES HILL,  
ALDERMASTON, BERKS. Tel No: (07356) 5324