

HAM RADIO TODAY

NEXT MONTH

SPECIAL FEATURE: The facts and fiction of VHF/UHF aerial systems. Essential reading for all
MODIFYING: 11 metre transceivers for 10 metre coverage. Full instructions, PCBs, programming details, etc
TESTING: The C5800 two metre multimode. How good, how Standard? Full user test and lab report
ASSESSING: The Trio TS-430. The Far East's new baby visits the cleaners in our two part report
OPERATING: Getting the most out of your transceiver

FREE INSIDE: Trouble shoot the FT101 series of equipment with a complete pullout circuit diagram.
 The second part in our excellent servicing series by Harry Leeming G3LLL

MAIL ORDER PROTECTION SCHEME

If you order goods from Mail Order Advertisers in this magazine and pay by post in advance of delivery, this publication will consider you for compensation if the advertiser should become insolvent or bankrupt, provided:

1. You have not received the goods or had your money returned; and
2. You write to the publisher of this publication explaining the position not earlier than 28 days from the day you sent your order and not later than 2 months from that day.

Please do not wait until the last moment to inform us. When you write, we will tell you how to make your claim and what evidence of payment is required.

We guarantee to meet claims from readers made in accordance with the above procedure as soon as possible after the advertiser has been declared bankrupt or insolvent to a limit of £1,800 per annum for any one advertiser, so affected, and up to £5,400 p.a. in respect of all insolvent advertisers. Claims may be paid for higher amounts, or when the above procedures have not been complied with, at the discretion of this publication, but we do not guarantee to do so in view of the need to set some limit to this commitment and to learn quickly of reader's difficulties.

This guarantee covers only advance payment sent in direct response to an advertisement in this magazine (not, for example, payments made in response to catalogues, etc, received as a result of answering such advertisements);

CLASSIFIED ADVERTISEMENTS ARE EXCLUDED.

144MHz 80 WATT LINEAR AMPLIFIER designed for the FT290R or any rig having output of 21-31 watts. FM/SS B operation power requirement for full output 13.8v at 13 amps. Straight through operation when switched off, built and designed by us to professional standards, colour storm grey, matt black heat sink £98.00.

27-30MHz RECEIVER PRE-AMP liven up that old Rx. with one of these superb boards many sold to date, uses dualgate mosfet for super performance gain variable to 25db, size 40 x 60mm ready built and tested. **ONLY £8.00**

N BFM ADAPTER for the FT101 (up to "E" model) gives FM on Tx and Rx on all bands, only one wire to solder to clarify line, no holes to drill, no boards to fit inside FT101, built in tone burst for use with "transverter". Still the best available £70.00.

MOTOROLA CAR CASSETTE PLAYERS model 401 and BL512 etc. these are warranty returns and need repair. Guaranteed to be complete, supplied with circuit £5.00.

CRYSTAL FILTERS: STC LQU/445/909B 10.7MHz \pm 7%KHz BW @ 3db 910 ohm imp. 1K for 2mtr FM ex-equip. £4.00.

ITT024DE 10.7MHz \pm 31KHz BW @ 3db imp. 810 ohm. New. Only £6.00.

CATHODEON BP4133 10.7MHz SS B Lsb only available new £5.00.

21.4MHz \pm 71KHz BW @ 3db OK FM, imp approx 2k ohm new £4.00.

6.0MHz TOY OC0M \pm 6KHz BW @ 3db OK FM imp 2k ohm. ex-equip. £3.00.

BOLT-IN FEEDTHROUGH CAPACITORS 2BA thread 1000pf 500vw. Brand new and made for us by famous manufacturer. **ONLY 40p each.**

SOLDER-IN TYPE 1000pf 500vw 3.2mm hole 57p per 10.

3SK88 DUALGATE MOSFET ideal replacement for most 2mtr Tcvt RF amps. Only 1db noise and 26db gain, also OK for 70cms. **PRICE REDUCED £1.00 ea.** or two for £1.75.
 3SK87 same as above put approx 3db more gain £1.00 ea.

TRIMMER CAPS airspaced 9mm sq. 15pf 20p. 30pf 35p. solder in tubular ceramic 1-6pf 75p for 10.

FILM TRIMMERS 25pf 10mm dia. 10p ea. 32pf 10mm dia. 12p ea. 60pf 10mm dia 20p ea. 7mm sq. 1-10pf 12p ea.

CERAMIC COMPRESSION type 10-80pf PC mount OK 2mtr PA to 40 watts 15p ea. 10-40pf PC type 10p ea.

LOW PROFILE RELAY OK for ae. switching @ 2mtrs will handle 75 watts RF 2pco 12v coil £3.00.

FERRITES - bag mixed cores and beads approx 150 £1.00.

10.7MHz HC18/U crystal OK for FM detector IC etc. £1.50.

TBA120A FM IF amp-detector IC 40p.

TDA1010 9 watt 12v audio IC 9 pin s.i.l. with data and circuit £1.85.

MINIATURE TOGGLE SWITCHES spco 65p; 2pco centre off 70p.

2N6083 VHF RF POWER TRANSISTOR min. 30 watt out @ 2mtr for 6 watt input suitable for FM or SSB supplied with circuit of FM 2mtr amp £6.50.

TF144H/4S MARCONI AM SIGNAL GENERATOR 10KHz to 72MHz in 8 switched bands calibrated output 2uV to 2V into 50 ohms. Modulation adjustable to 80%, internal crystal calibrator, very good condition fully checked £80.00 buyer to collect by arrangement.

TF106B/11 Signal generator 10 to 480MHz AM/FM P.O.A.

TF801D/8 AM SIGNAL GENERATOR 10 to 480MHz P.O.A.

S121 WAYNE KERR AUDIO OSCILLATOR 10Hz to 120KHz, 11 switched ranges output 0 to 30 volts into 600 ohm. Also has high imp. output. mains input, valve type circuit tested and in good condition **ONLY £30.00** buyer to collect by arrangement.

SEND FOR LATEST LIST OF COMPONENTS AND TEST EQUIPMENT at give away prices

Mail order only or callers by appointment, prices include VAT. Please add 60p post and packing.

AH ELECTRONICS
 20, Barby Lane, Hillmorton, Rugby, Warwickshire.
 Tel: Rugby (0788) 76473 & 71066.