

# EMPORIUM GUIDE

## W. MIDLANDS

### DEWSBURY ELECTRONICS

176 Lower High St. STOURBRIDGE  
Tel: (0384) 390063

Open: 9.30-5.15. Closed Thurs. & Sun.  
ACCESS/BARCLAYCARD

### HEWARD'S HOME STORES LTD.

(Est. 1963)  
822/4 Kingstanding Rd., Birmingham  
B44 9RT. Tel. 021-354 2083  
G4RJM with 38 years in The Radio Trade  
Ham Equipment urgently wanted!  
Open: Mon-Sat 9-6

## NORFOLK

### Eastern Communications

36 Cattle Market Street  
NORWICH  
(0603) 667189  
MAIL ORDER  
ACCESS/BARCLAYCARD

## SCOTLAND

### AXDON

32 Atholl Street, Perth  
Tel: 0738-23753. Open: 6 days  
ICOM, TONA, TONO, RSGB Books, Maps &  
log books. Full range of components  
Mail order available — send for price list.

### JAYCEE ELECTRONICS JOHN GM30PW

20 Woodside Way, Glenrothes, Fife KY7 5DF  
Tel: 0592 756962  
Open: Tues-Sat 9-5  
Quality secondhand equipment in stock. Full range of TRIO  
goodies. Jaybeam — Microwave Modules — LAR.

## SUSSEX

### SOUTH-DOWN RADIO

40 TERMINUS RD  
EASTBOURNE  
Tel: (0323) 639351  
Open: Mon-Sat 10-6 (Closed Tues)  
Stockists of: Yaesu, Trio, Tonna, FDK etc +  
secondhand and ex-Government equipment in  
stock

## TYNE & WEAR

Approved  
Dealer

ALYNTRONICS  
ICOM

Full Range  
Stock

129 Chillingham Rd, Newcastle-upon-Tyne  
Tel: 0632 761002  
Open: Tues-Sat 10am-6pm

## YORKSHIRE

4 Cross Church St, Huddersfield

Tel:

Open: 6 days 9-5.30.

0484 20774

Closed Weds, Thurs 9am-8pm

G4MH Mini Beam

'Always a good selection of new & 2nd hand equipment in stock'

### Amateur Radio Shop

DISCOVER THE WORLD WITH AMATEUR RADIO FROM  
LEEDS 452657  
LEEDS 452657  
OPEN MON-SAT  
9am-5pm  
TRIO ICOM YAESU  
LEEDS AMATEUR RADIO MAIL ORDER & SERVICE DEPT  
60 GREEN ROAD MEANWOOD LEEDS LS6 4JP TEL 0113 27224 8-10pm-5pm  
BRITISH MADE LAR PRODUCTS

## P. M. ELECTRONIC SERVICES

2 ALEXANDER DRIVE, HESWALL, WIRRAL, MERSEYSIDE, L61 6XT  
Telephone: 051-342 4443, Telex: 627371

PRICES EXCLUDE VAT—U.K. CUSTOMERS PLEASE ADD 15% VAT

CRYSTALS MANUFACTURED TO ORDER TO AMATEUR SPECIFICATION

6 to 9.999kHz HC13/U	£32.80	1.5 to 2.59MHz (fund) HC6/U	£5.36
10 to 19.99kHz HC13/U	£31.0	2.6 to 21MHz (fund) HC6/U	£4.87
20 to 29.99kHz HC13/U	£23.08	3.4 to 3.99MHz (fund) HC18 & 25/U	£6.75
30 to 59.99kHz HC13/U	£21.73	4 to 5.99MHz (fund) HC18 & 25/U	£5.36
60 to 79.99kHz HC13/U	£15.69	6 to 21MHz (fund) HC6, 18 & 25/U	£4.87
80 to 99.99kHz HC13/U	£13.08	21 to 25MHz (fund) HC6, 18 & 25/U	£7.31
100 to 149.9kHz HC13/U	£11.32	25 to 28MHz (fund) HC6, 18 & 25/U	£9.00
150 to 159.9kHz HC6/U	£11.32	18 to 63MHz (3 O/T) HC6, 18 & 25/U	£4.87
160 to 399.9kHz HC6/U	£7.83	60 to 105MHz (5 O/T) HC6, 18 & 25/U	£5.61
400 to 499.9kHz HC6/U	£7.00	105 to 125MHz (5 O/T) HC18 & 25/U	£8.44
500 to 799.9kHz HC6/U	£7.83	125 to 147MHz (7 O/T) HC18 & 25/U	£11.25
800 to 999.9kHz HC6/U	£11.01	147 to 175MHz (9 O/T) HC18 & 25/U	£12.66
1.0 to 1.499MHz HC6/U	£11.25	175 to 250MHz (9 O/T) HC18 & 25/U	£13.50

TOLERANCES: Up to 800kHz — Total tolerances = ± 100ppm 0°C to + 70°C  
Over 800kHz — Adj. tol. = ± 20ppm, Temp. tol = ± 30ppm — 10°C to + 60°C

Unless otherwise specified fundamentals will be supplied to 30pf circuit conditions and overtones to series resonance.

DELIVERY: 1MHz to 105MHz — 4/6 weeks, other frequencies — 6/8 weeks. Prices shown are for "one off" to our standard amateur specifications, closer tolerances are available. Please send us details of your requirements.

### COMMERCIAL AND PROFESSIONAL CRYSTALS NEW FASTER SERVICE

We are now supplying crystals to most commercial and MIL specifications in the range 1MHz to 60MHz, ordered in small quantities, within 21 weeks AT NO EXTRA CHARGE. We also have an even faster EXPRESS SERVICE for that very urgent order. We can also supply crystals for commercial applications e.g. Microprocessor, TV etc at very competitive prices. Let us know your needs and we will send a quote by return, alternatively telephone or telex our Sales Engineer Mr Norcliffe who is normally available in the office for technical enquiries between 4.30 and 6.30 p.m.

### DOUBLE BALANCED MIXER

We are now stocking two new double balanced mixers which are pin compatible with both the MD108 we used to stock and also the SBL 1, but have much superior specifications covering 500kHz to 500MHz. The MB is hermetically sealed @ £7.83  
The M18 is non-hermetically sealed @ £6.09

### 4 METRE, 2 METRE AND 7 CENTIMETRE STOCK CRYSTALS

We stock crystals for 70.26MHz on 4m. On 2m we stock R0 thru R8 and S18 thru S24. For 70cm we have R80 thru R115 plus S08, S18 & S20. For full details of the above stock crystals plus details of our Converter, Marker and Alternative IF crystals, crystal sockets and our AERIAL RANGE see April, 1983 Radio Communication, page 294 or send SAE to the above address.

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