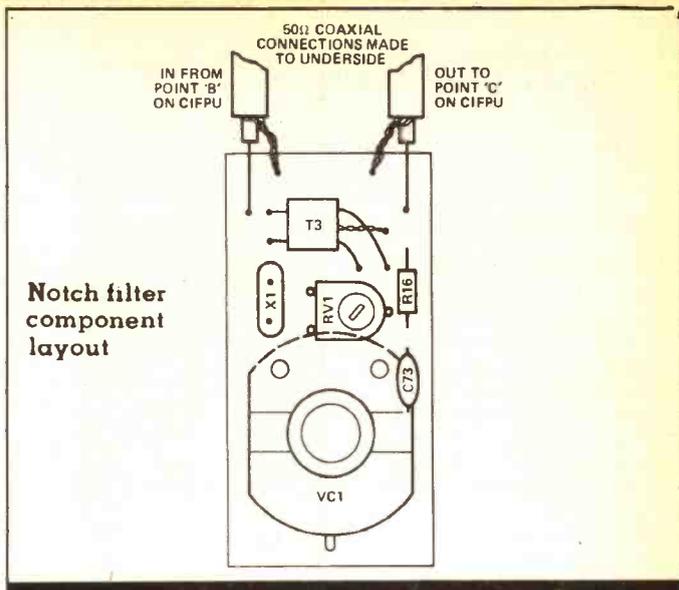
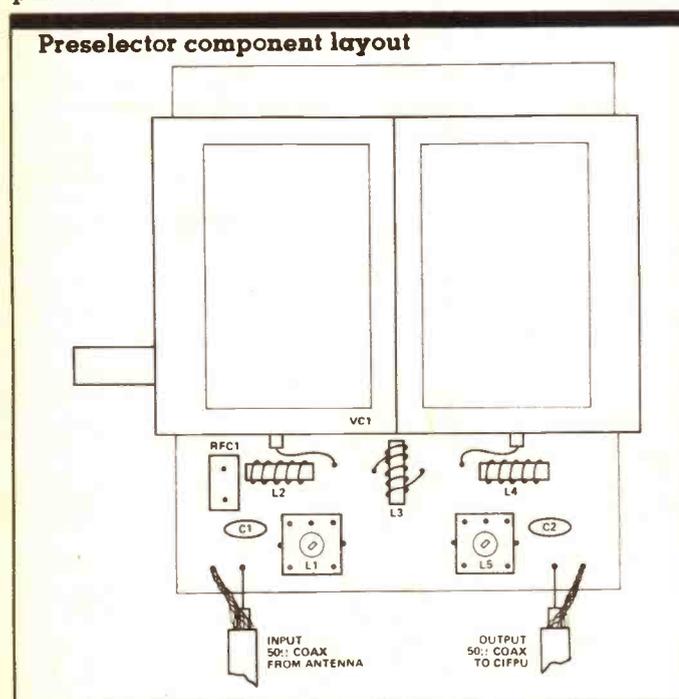


should be a very slight double peak in the tuning of the preselector. If the response is very sharp then a turn or two will need removing from L3. On the other hand, if the double peaking is very pronounced, then a turn or two should be added to L3.

The 10.7MHz traps are adjusted by feeding in a very strong 10.7MHz signal to the input of the preselector, and adjusting the cores of L1 and L5 for minimum signal. This is actually quite difficult to do, as their rejection, combined with the IF rejection of the CIFPU, results in very little signal getting to the IF circuits once the cores near resonance.

Once the unit is adjusted for an amateur band, it should not need readjusting within the band, if it does, then it is likely that L3 requires some turns adjustment.

The preselector module will eventually be mounted on top of the main CIFPU diecast box, as another front panel control.



- Notch filter**
- R16 15R 5% carbon film 0.25 watt
  - RV1 100R 10mm carbon preset
  - VC1 Jackson C808 50pF max variable
  - C73 5p silver mica
  - X1 10.7MHz HC-18/U
  - T3 4 turn primary and 4 turn CT secondary, wound using 0.25mm en Cu wire, on Fair-Rite Balun core type 28-43002402

- Preselector**
- C1,2 47p ceramic plate
  - VC1 500pF + 500pF air spaced variable
  - RFC1 TOKO 7BA RFC 1mH
  - L1, 5 TOKO KANK 3334R
  - L2,4 22 turns 0.4mm en Cu wire, wound on Amidon T37-6 core.
  - L3 45 turns 0.4mm en Cu wire, wound on Amidon T37-6 core.

A complete set of parts for both modules including the air spaced variables for both is available from WPO Communications. The Notch Filter costs £11.20 and the Preselector £11.00, both inc VAT & p&p. Printed circuit boards are available separately priced £2.60 for the pair inc.

- Table 1 components list**
- Omega IF board: components list**
- The following components were missed from the table of components for the IF board in the July issue:
- IFT1,2,3,4,5,6,8 Toko KACS4520A
  - IFT5 Toko KACS3894
  - T1 6:1 wound on Fairite balun core type 28-43002402 using 0.25mm enamelled copper wire
  - T2 2:6 wound as T1
  - T4 Toko KACS6184A
  - RFC1,2 Toko 7BA 100uH