

## FT-897

Modification instructions for wideband HF settings.

These instructions are to enable you to expand the HF coverage of your transceiver to 500kHz per band. Also the modification will extend coverage and modify some settings as per the table on the next page. **Don't forget it is YOUR responsibility to ensure that you do not transmit out of your permitted bands.** This modification will also clear any memories and individual changes to settings so make a note of these before you carry out this procedure.

Please note that you are taking full responsibility for any damage caused to the transceiver during this modification exercise. All normal precautions to protect against static electricity should be followed.

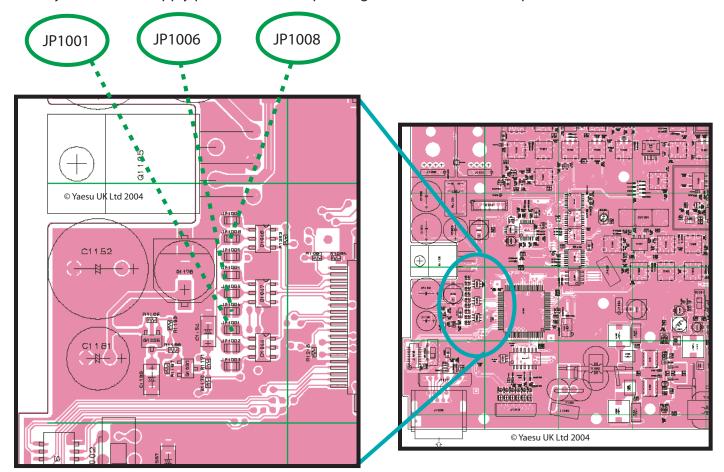
Firstly disconnect from any power source.

Next remove the top cover

To extend the HF range JP1001 JP1006, JP1008 should be shorted and JP1002, JP1003, JP1004, JP1005, JP1007, JP1009 should be open circuit Leave all other jumpers as they are.

Reassemble in reverse order to the disassembly procedure.

When fully reassembled apply power and whilst pressing F and V/M turn on the power switch.





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## Frequency coverage after modifications

Transmit coverage			Receive coverage	
1.80MHz	2.00MHz		0.10MHz	30.00MHz
3.50MHz	4.00MHz		33.00MHz	56.00MHz
7.00MHz	7.50MHz		76.00MHz	108.00MHz
10.00MHz	10.50MHz		108.00MHz	154.00MHz
14.00MHz	14.50MHz		420.00MHz	470.00MHz
18.00MHz	18.50MHz			
21.00MHz	21.50MHz			
24.50MHz	25.00MHz			
28.00MHz	30.00MHz			
50.00MHz	54.00MHz			
140.00MHz	154.00MHz			
420.00MHz	470.00MHz			

The VHF and UHF default channel spacing is set at 12.5kHz and 25 kHz.

Repeater shifts are set to 0.1 MHz for HF 0.5MHz for 50MHz 0.6MHz for VHF 1.6MHz for UHF