

INFORMATION #904

ZIB-095

To: ICOM Distributors
From: ICOM Inc. / Service Department
Date: March 28, 2002

Service handling necessary: [] Yes [X] No

Re: Expanding Function for the IC-V8000.

Following information is regarding the modification of expanding function for the IC-V8000.

Model: IC-V8000 All versions

RX Frequency Expansion:

RX Frequency Coverage After following Operation: 136.000 ~ 174.000 MHz

Procedure of RX Frequency Expansion (For TPE, KOR, AUS model):

Push and hold down the [LOW] and [MONI] keys while turning the power ON.

Note: The **USA** and **SEA** versions already expanded for above modification in factory.

TX Frequency Expansion:

TX Frequency Coverage After Modification: 136.000 ~ 174.000 MHz

Procedure of TX Frequency Expansion (For TPE, USA, KOR, AUS and SEA model):

Remove **D13** from the LOGIC board to expand transmit frequency coverage above.

Note: Some versions already expanded for above modification in factory.

Other Functions:

ANI Function: Remove **R54** from the LOGIC board to allow ANI function.

When use this function, the UT-108 DTMF decode board is required.

Voice scrambler function: Remove **D15** from the LOGIC board and cut PC trace **CP2** and **CP3** to allow voice scrambler function. When use this function, the UT109 (Non Rolling Type) or UT-110 (Rolling Type) voice scrambler unit is required.

Mic gain level: Soldered **CP1** on the LOGIG board to increase microphone gain. After soldered CP1, please readjust microphone gain for requirement level.

Wide and Narrow function: Remove **R55** from the LOGIC board to allow wide and narrow function. It is possible to switch the narrow deviation in transmit mode without wide and narrow model.

Note:

Do not change the D16, D17, D22 and D23 initial matrix diodes on the FRONT board.

LOGIC BOARD LAYOUT:

