



Icom Inc.  
1-6-19, Kamikuratsukuri, Hirano-ku, Osaka, 547-0004  
JAPAN  
Phone : 06 6793 5302 Fax : 06 6793 0013  
URL : <http://www.icom.co.jp/>

## 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:**

