

14 October 2015

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Re: FCC ID: K6630393X20

To Whom It May Concern:

We are requesting a Class II permissive change for the above listed FCC Identifier. This radio complies with the requirements of the FCC Part 80 and 90 regulations. This time, adding a series model.

Model name	Voice Scrambler	Noise Cancel	Battery Pack
HX400 (Original model)	ON	ON	FNB-115LI
HX380 (Adding a model)	OFF	OFF	FNB-V105LI

Note:

The Q5049 IC and related circuit components are not included in the HX380 because the voice scrambler and noise cancel functions are not available on the HX380. The Q5049 circuit components are removed from the original HX400 circuit board, the other components and circuit specifications are the same. There have been no changes to the frequency range or the RF output power.

Refer to next page for details.

Should you require any further information, please let us know.

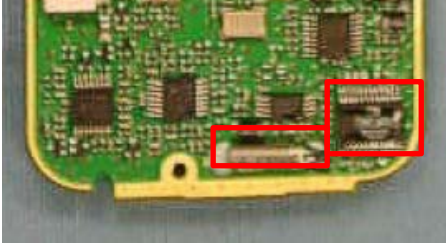
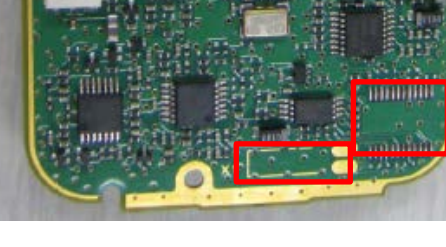
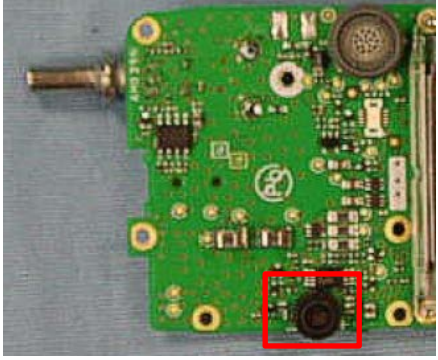



Best regards,



Kouji Taguchi

Engineering Division/ Quality Assurance
YAESU MUSEN CO., LTD.

Explaining the differences between model numbers.

	HX400	HX380
Voice scrambler	<p>The HX400 include feature of voice scrambler. The IC (Q5049) and Crystal (X5002) are mounted on the PCB for voice scrambler.</p>  <p>The image shows the PCB of the HX400 model. Two components are highlighted with red boxes: a small integrated circuit (IC) labeled Q5049 and a crystal oscillator labeled X5002, both used for the voice scrambler feature.</p>	<p>The HX380 is not including feature of voice scrambler. The IC (Q5049) and Crystal (X5002) are not mounted on the PCB.</p>  <p>The image shows the PCB of the HX380 model. The same locations where the IC Q5049 and crystal X5002 would be located are highlighted with red boxes, but these components are absent, indicating that the voice scrambler feature is not included in this model.</p>
Noise cancel	<p>Noise cancel Mic.: ON</p>  <p>The image shows the PCB of the HX400 model. A component, likely the noise cancel microphone, is highlighted with a red box, indicating it is present and functional.</p>	<p>Noise cancel Mic.: OFF</p>  <p>The image shows the PCB of the HX380 model. The same location where the noise cancel microphone would be located is highlighted with a red box, but the component is missing, indicating that the noise cancel feature is not functional.</p>
Battery pack	 <p>The image shows two views of the battery pack for the HX400 model. The top view shows the battery pack with a label, and the bottom view shows the back of the battery pack with four gold-colored contacts.</p>	 <p>The image shows two views of the battery pack for the HX380 model. The top view shows the battery pack with a label, and the bottom view shows the back of the battery pack with two gold-colored contacts.</p>