

# KAA0521M

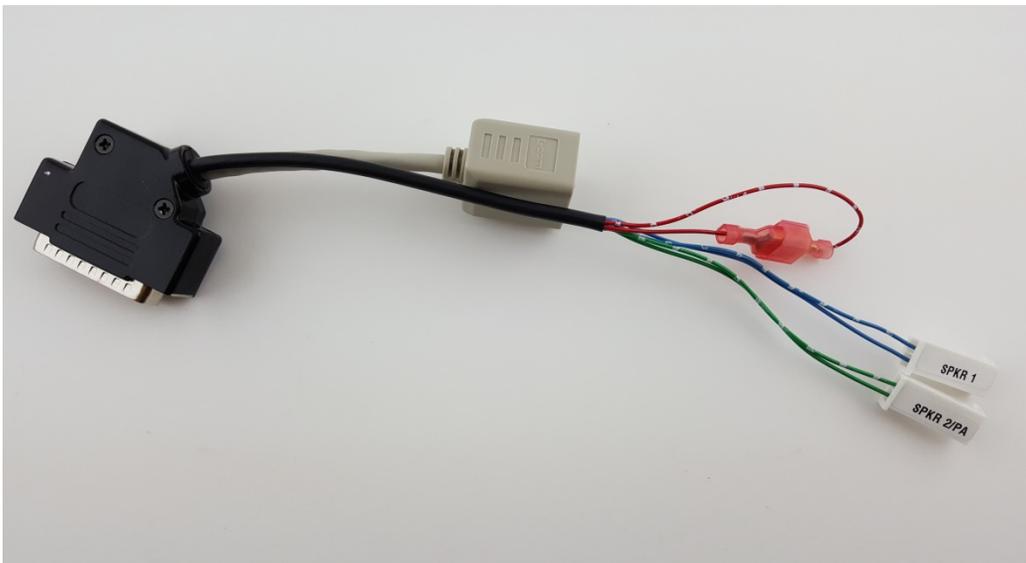
## Setup Manual

### 1. General

The KAA0521M is an ethernet interface adapter that provides an IP connection to KNG-Mxxx and KNG-Bxxx series transceivers. Third party software may be used with KAA0521M as well as the RELM VCH software.

### 2. Hardware Set-Up

- a. Connect the KAA0521M to “ACC” port on the KNG Base Station or Mobile.
- b. Connect the CAT5 network cable (from network) into the RJ45 jack from the KAA0521M.



### 3. Radio Set-Up

- a. Using the radio editor (NeoVision) and the USB Programming cable connected from the computer to the radio, “Read” the radio parameters into the editor.
- b. Under the [Global], [Common], & [General] tab, set the “Fixed Station” parameters:

Fixed Station	
IP Address	0 . 0 . 0 . 0
Subnet Mask	0 . 0 . 0 . 0
Default Gateway	0 . 0 . 0 . 0
Control UDP Port	1
Voice UDP Port	1
Audio Type	PCM
<input checked="" type="checkbox"/> Channel Index Zero-Based	

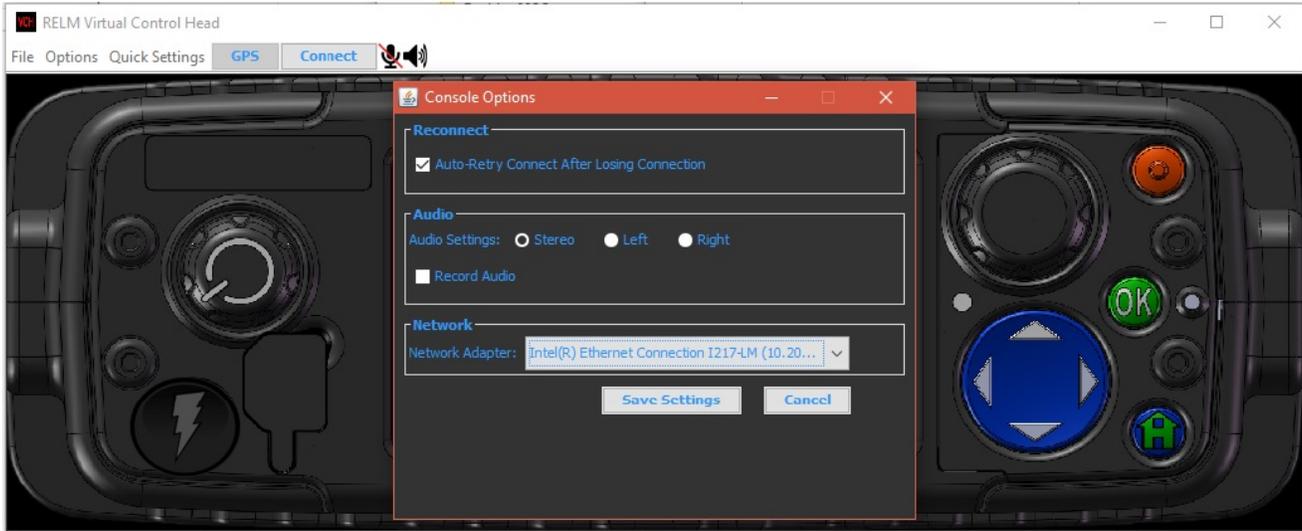
- c. The “IP Address”, “Subnet Mask”, and “Default Gateway” are network dependent and should be assigned by the network administrator.
- d. The “Control UDP Port” and “Voice UDP” port can be set with a numeric value between 1-65535; but “Control UDP Port” must match the “Control Port value that is used by the VCH.
- e. When all the parameters are set, “Write” the values to the radio.

### 4. VCH (Virtual Control Head) Set-Up

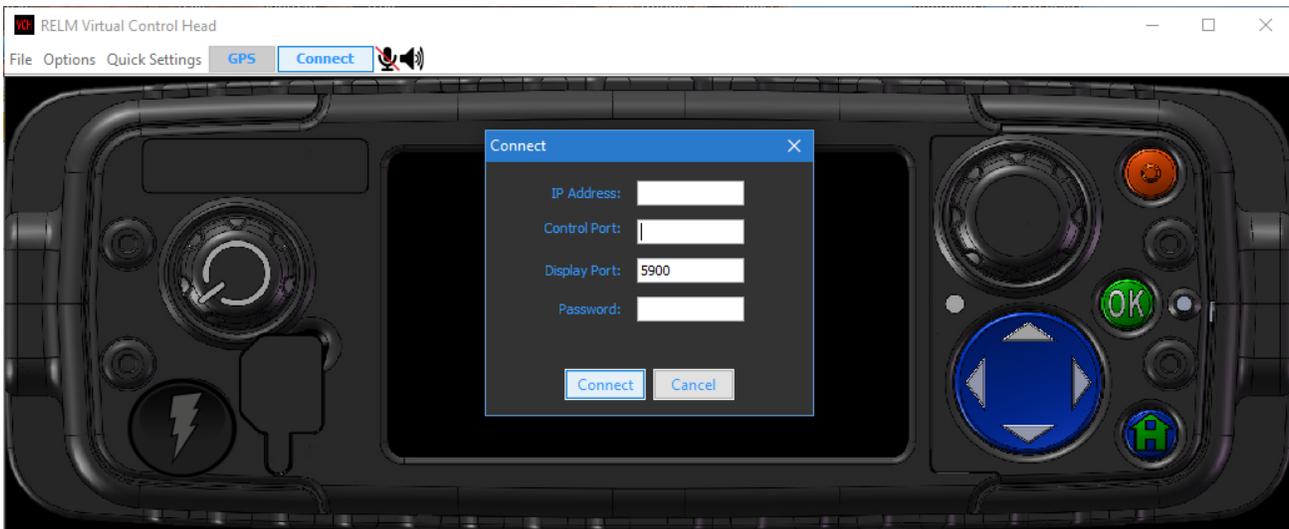
- a. Run the app. It should start-up as shown below:



- b. Select Options/Console Options from the menu bar. The following pop-up menu should be displayed. Then select and save the computer network adapter the KAA0521M is connected to.



- c. Select [Connect] from the menu bar. The following pop-up menu should be displayed.



- d. Enter the same parameters for the “IP Address” as entered for the radio above.
- e. Enter the “Control Port” value. It should be the same value as the “Control UDP Port” value that is used by the radio.
- f. Enter the “Display Port” value. This value, in most cases is defaulted to 5900. In some cases this may have to be changed due to the networks configuration. Please get assistance from your IT or network provider if 5900 doesn’t work.
- g. Enter a password if desired. However, the password is not necessary for connection.
- h. Select [Connect]. When the connection is made, you will have full control of the KNG-B/M.

Note: A PC microphone and speakers are required for transmitting and receiving audio paths.

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