

## How to install and configuring your AV80R to a ZAON PCAS XRX Via RS 232



This is for AV80R Handheld owners looking to configure their ZAON PCAS XRX with the AV80R Handheld.

### WHAT YOU'LL NEED

- AV80R Handheld
- AV80R RS 232 Cable Part Number: 005-03702-0017 (cable sold separately must be purchased through your dealer)
- ZAON PCAS XRX (Purchase separately through ZAON [http://www.zaon.aero/component/option,com\\_frontpage/Itemid,1/](http://www.zaon.aero/component/option,com_frontpage/Itemid,1/))

### ONE

Ensure both the AV80R and the ZAON PCAS XRX are powered and running.

### TWO

From the **AV80R MAIN MENU**, touch the **“Go Fly”** soft key and then touch **“OK”** soft key. Touch the **“MAIN MENU”** soft key, then touch the **“Settings”** soft key.



### THREE

Touch the **Device Setup** option to highlight, and touch the **“SELECT”** soft key to display the Device and Port Setup page.

### FOUR

On the **Device Setup** page, the configuration steps are:

- Set the **Traffic** port to **“Serial”**.
- Set the Traffic Type to **“ZAON Traffic”**. When finished, the **Device Setup** should look like the screen:



## FIVE

Once the setting has been set, touch **“Save & Exit”**. If your setting for Traffic doesn't match, please revert back to the first bullet in step 4.

**For steps 6-10, all setting changes are done through ZAON PCAS**

## SIX

Using the XRX AIRCRAFT menu, set the aircraft type as appropriate for your aircraft as described in the ZAON users Manual.

## SEVEN

Using the XRX RANGE menu, set the horizontal detection range to 6 nm radius.

## EIGHT

Using the XRX ALTITUDE menu, set the altitude limitation to 2500 ft.

## NINE

Using the XRX COM menu, set the third party communications to PROFILE 1. Verify the XRX configuration switches are set as described in the XRX Users Guide for third-party output.

## TEN

Press **“Mute”** to return to the traffic screen. This screen will show **“PROFILE 1”**.

## ELEVEN

From the **AV80R MAIN MENU**, touch the **“Go Fly”** soft key and then touch **“Settings”**



## TWELVE

Touch the **“Status Page”** soft key and double tap the **“Traffic Status”**. Verify you have green check marks as shown for Receiving Data and Receiving Valid Data:



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