

# ZUM Radio Bluetooth board for Android

## Powering the board

When pairing the board to an Android phone or tablet, the Bluetooth board should be powered from a 5V source connected to the micro USB connector on the right. (see image below) Note that the micro USB connector on the left is used to connect the board to a PC as a serial port.



## Android Software

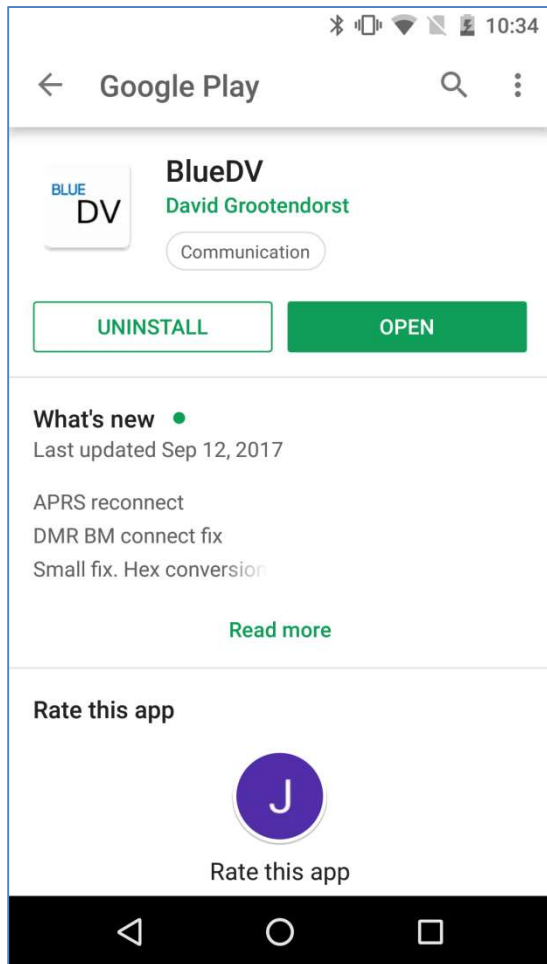
For more information about BlueDV, visit the website of David PA7LIM.

<https://www.pa7lim.nl/bluedv-android/>

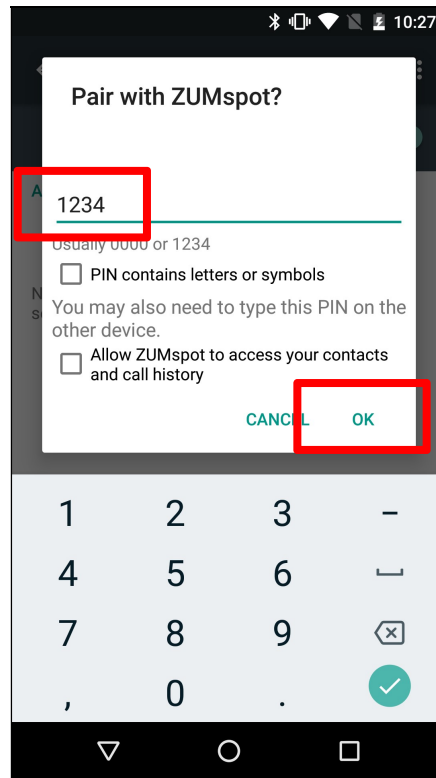
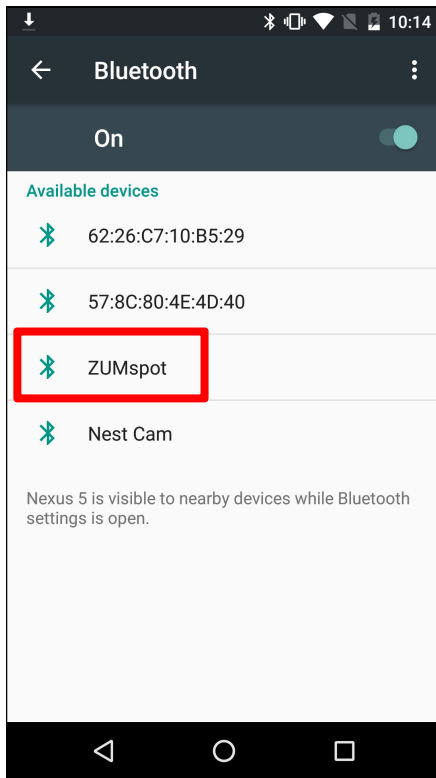
Install the BlueDV software from the Google Play store:

[https://play.google.com/store/apps/details?id=com.pa7lim.BlueDV&hl=en\\_US](https://play.google.com/store/apps/details?id=com.pa7lim.BlueDV&hl=en_US)

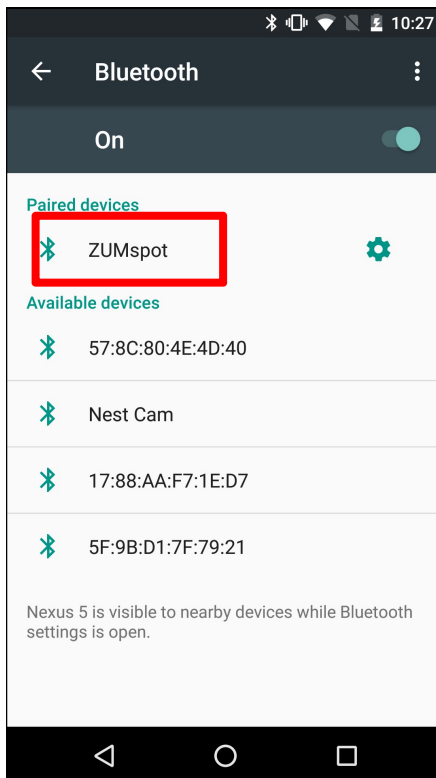
It should look like this on the Play Store:



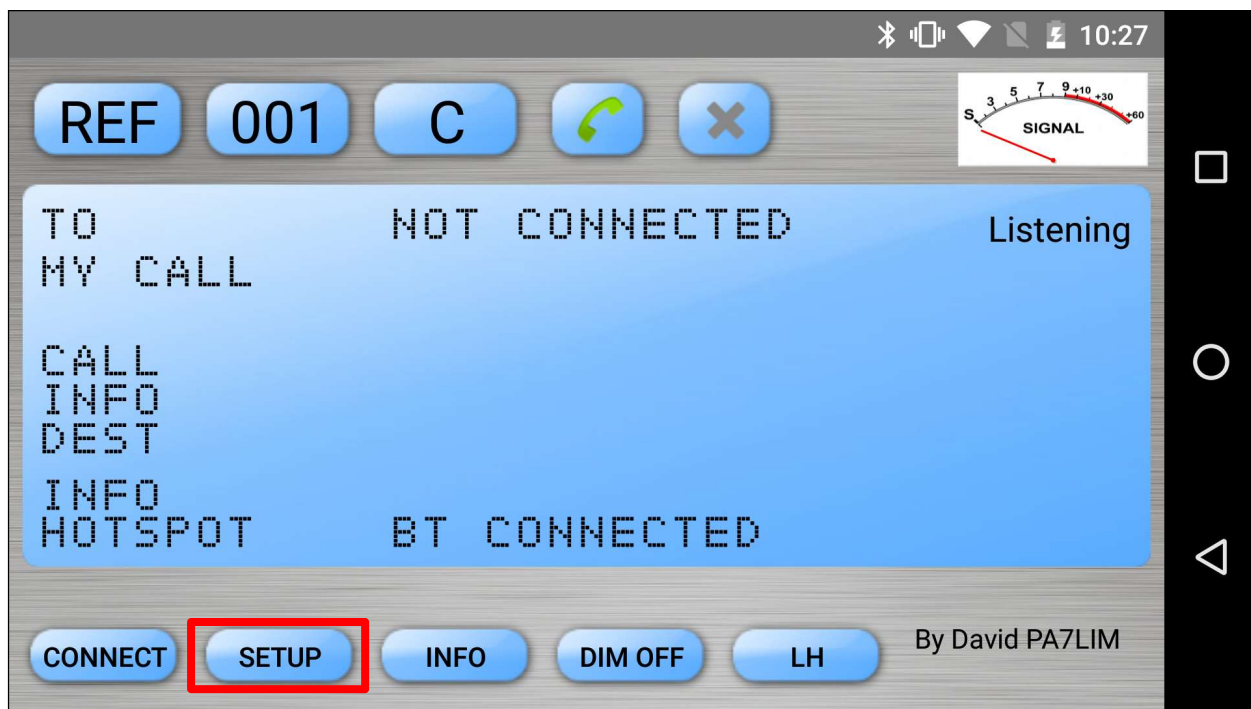
On your Android phone, go to “Settings”, then “Bluetooth”. Next, select “ZUMspot” from the list of “Available devices” and then enter the pin “1234” and select “OK”.



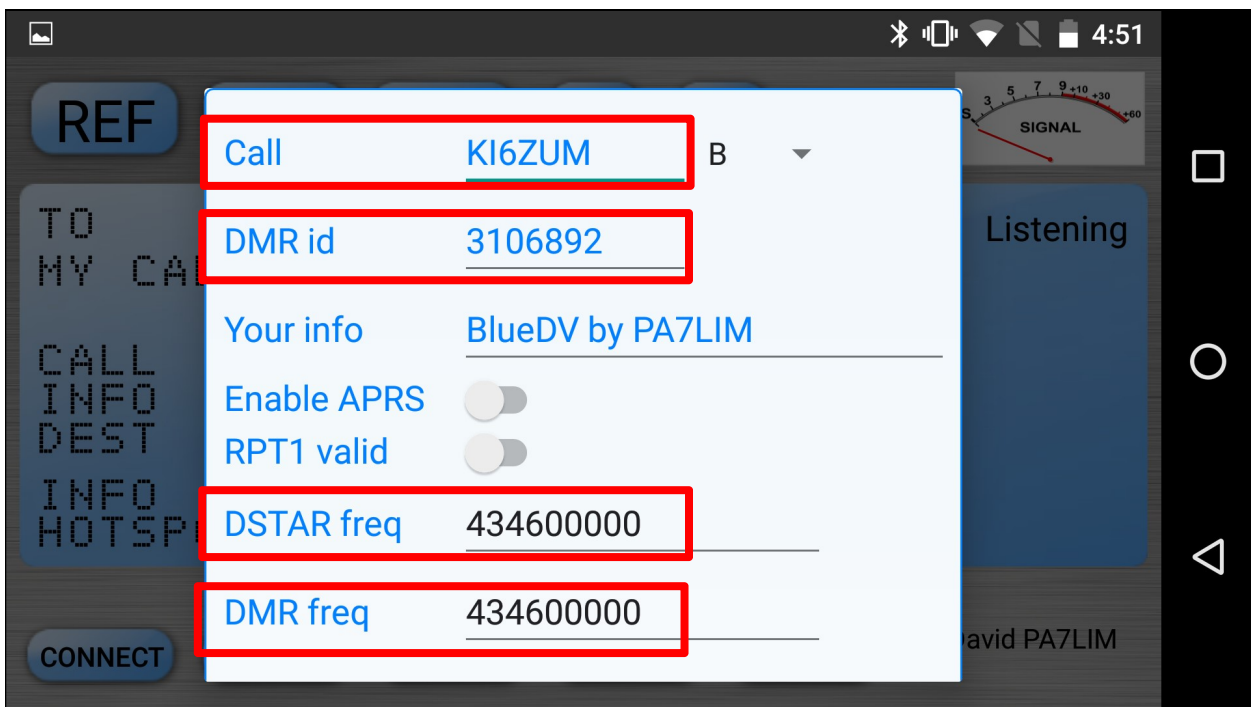
The “ZUMspot” Bluetooth board should now in the “Paired devices” list:

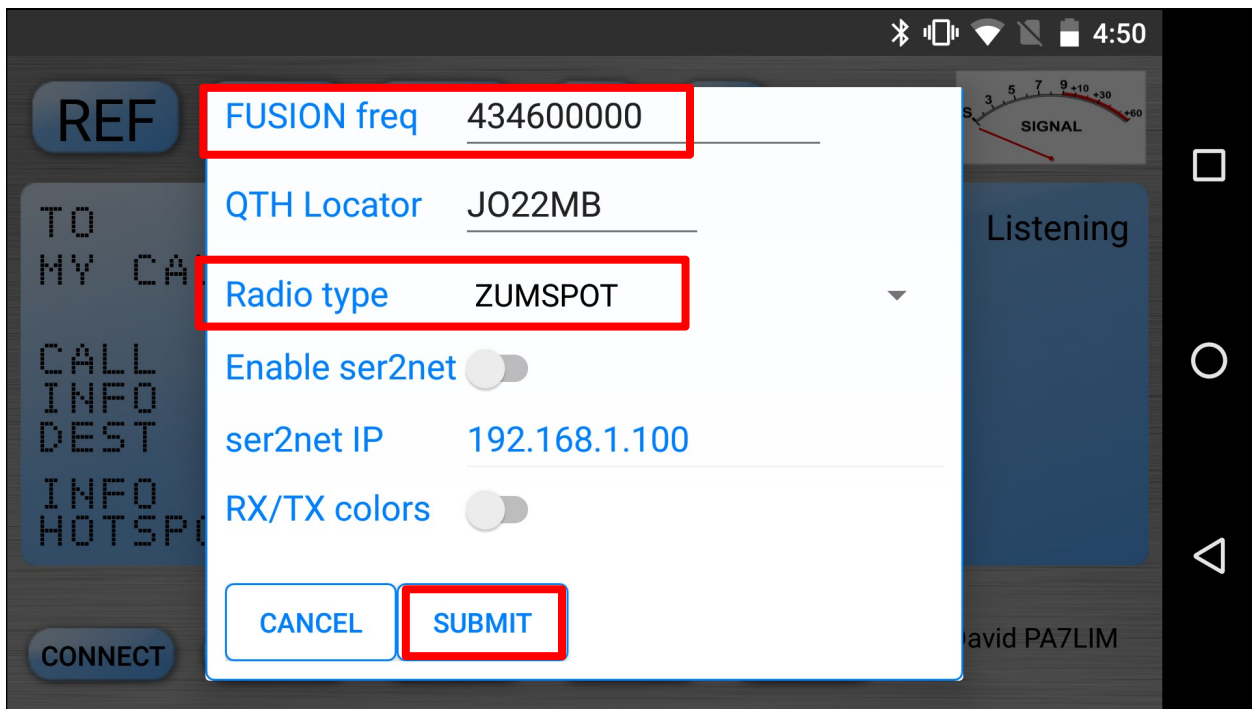


Once the software is installed, and the Bluetooth has been paired, start the app. The app should show "BT CONNECTED". Next select "SETUP".

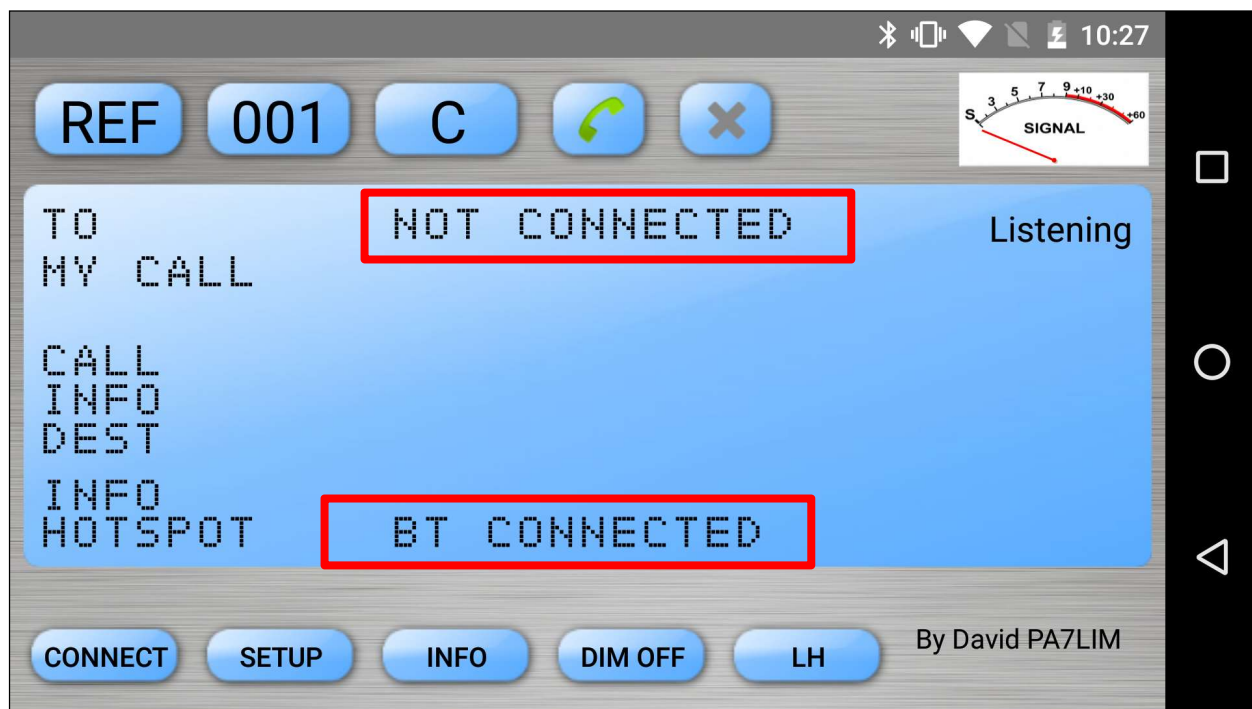


At a minimum, enter your "Call", "DMR id", radio "freq" and set the "Radio type" to "ZUMSPOT". Next select "SUBMIT" to save.

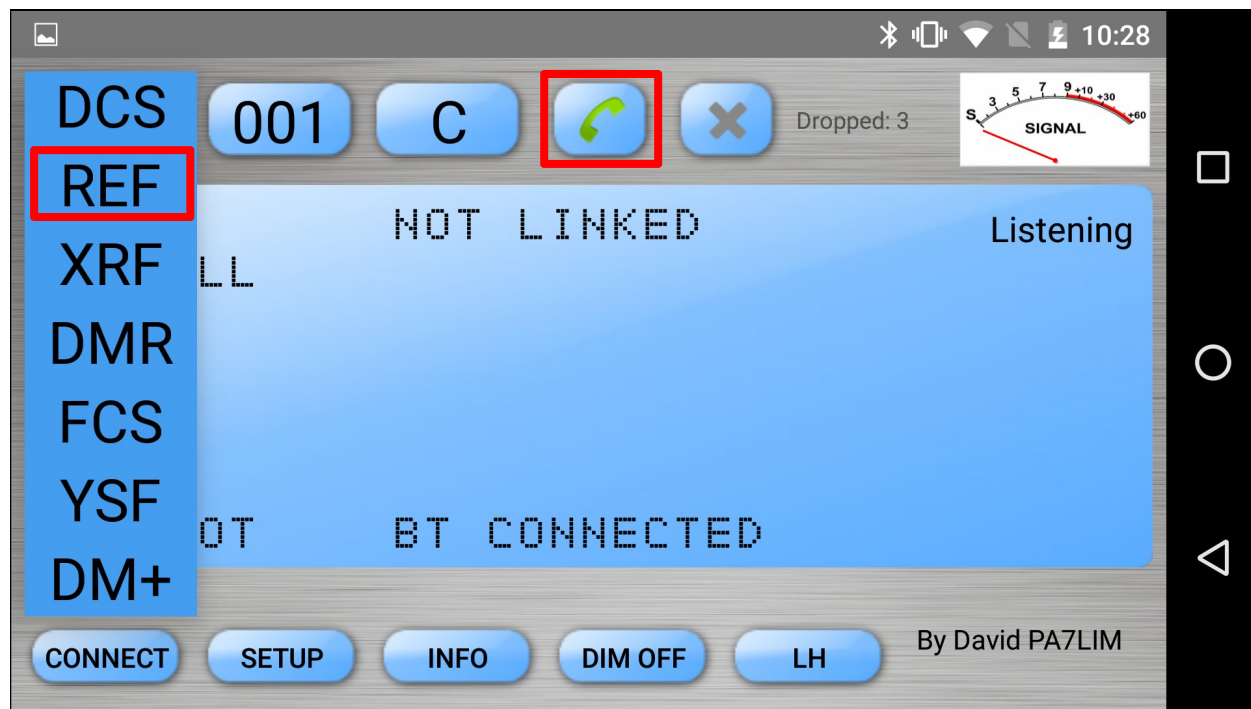




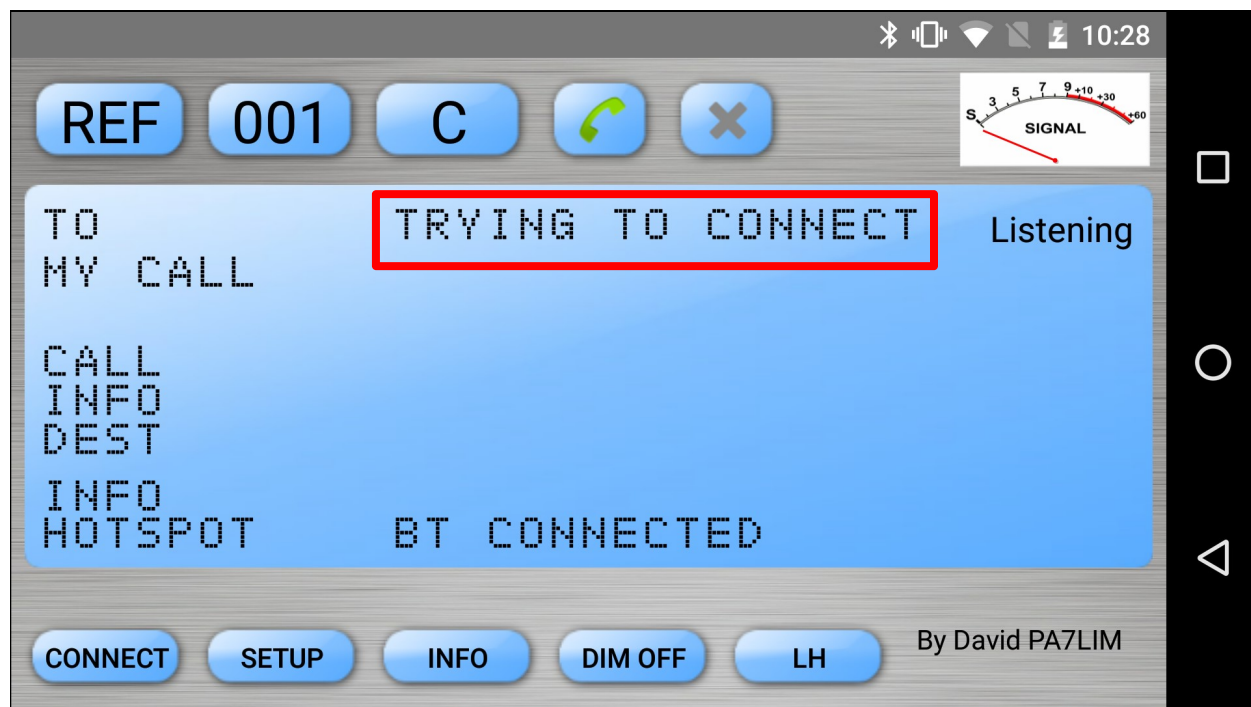
The app should still show “BT CONNECTED”, but it is “NOT CONNECTED” to any reflectors etc.



Now select the "REF" etc. you wish to connect to and select the green phone icon to link.



The app will show that it is "TRYING TO CONNECT".



Once connected to the reflector, the app will display info when others are transmitting.

