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.



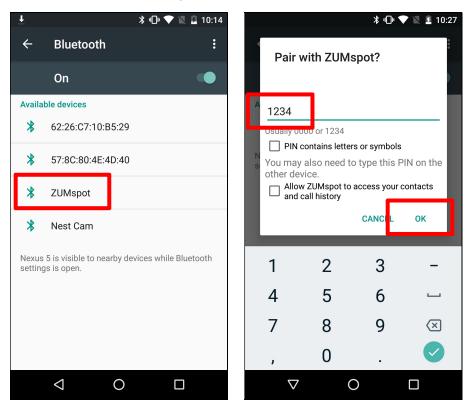
Android Software

For more information about BlueDV, visit the website of David PA7LIM. <u>https://www.pa7lim.nl/bluedv-android/</u>

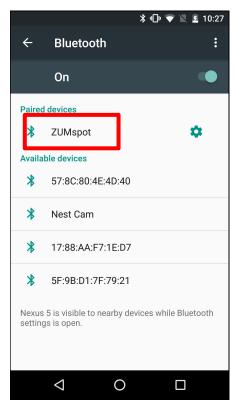
Install the BlueDV software from the Google Play store: <u>https://play.google.com/store/apps/details?id=com.pa7lim.BlueDV&hl=en_US</u> It should look like this on the Play Store:

		∦ ս⊡ս 🛡		10:34
← Go	ogle Play		Q	
DV	BlueDV David Grooter Communicatio	_		
UNIN	ISTALL	OPE	N	
APRS recon DMR BM co	ed Sep 12, 2017 Inect	iore		
Rate this a	арр			
J Rate this app				
\triangleleft	0			

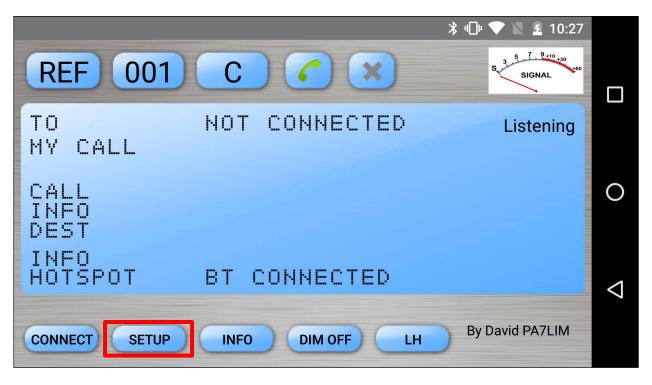
On your Android phone, go to "Settings", then "Bluetooth". Next, select "ZUMspot" from the list of "Available devices" and then enter the pin "1234" and select "OK".



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

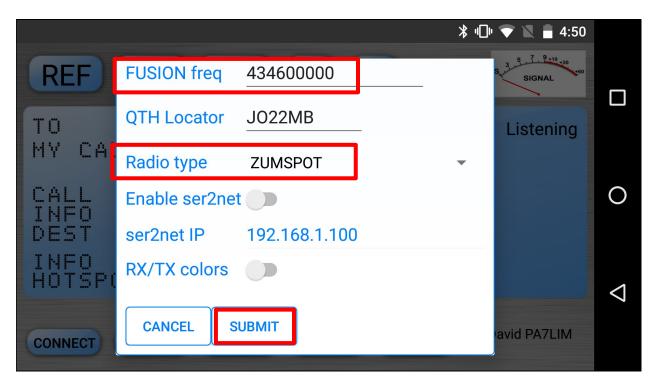


One the software is installed, and the Bluetooth has been paired, start the app. The app should show "BT CONNECTED". Next select "SETUP".



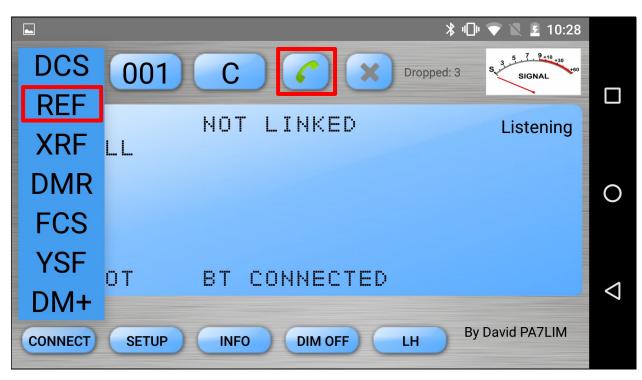
At a minimum, enter your "Call", "DMR id", radio "freq" and set the "Radio type" to "ZUMSPOT". Next select "SUBMIT" to save.

					* "	マ 🖹 着 4:51	
REF	Call	KI6ZUM	В	•		5 7 9+10+30 SIGNAL	
TO My cai	DMR id	3106892				Listening	
CALL INFO DEST	Your info Enable APRS RPT1 valid	BlueDV by PA7	7LIM				0
INFO HOTSPI	DSTAR freq	434600000					\bigtriangledown
CONNECT	DMR freq	434600000		_		avid PA7LIM	



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

		∦ ս⊡ս 🗢 🖹 💈 10:27	
REF 001	C (X	State Signal	
TO MY CALL	NOT CONNECTED	Listening	
CALL INFO DEST			0
INFO HOTSPOT	BT CONNECTED		\bigtriangledown
CONNECT SETUP	INFO DIM OFF LH	By David PA7LIM	



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".

	*	ı 🔍 💌 🖉 10:28	
REF 001	C (X	State Signal	
TO MY CALL	TRYING TO CONNECT	Listening	
CALL INFO DEST			0
INFO HOTSPOT	BT CONNECTED		\bigtriangledown
CONNECT SETUP	INFO DIM OFF LH	By David PA7LIM	

