Hot Spot for digital portables.

Last fall I got a digital portable radio, an Icom ID-50. Like so many amateurs I had no idea how to use it in a rural area as the nearest D-Star repeater was 70 km away my QTH, too far for a portable which has just 5W power output. I looked for assembled devices like MMDVM 'plug and play' but my friends explained to me "That it is hard to buy a good device for a reasonable price ". I decided to make my own MMDVM hot spot using the Raspberry Pi.

I bought MMDVM shield $40, Raspberry Pi 3B+ $80 and Micro SD card $5, 5V power supply and USB cable I found in my parts drawer. The total was about $130. All those parts were bought on AliExpress . I bought the charging stand for the ID-50 also because Icom supplies the charging stand as an optional ☺,it is not original but it works and costs $25 instead an Icom one at $80. I used video tutorial from YouTube and my friends from Ukraine helped me and now I can use my radio and can talk with them in Ukraine.

Yes, it has no box and cover this is an additional charge but you can enclose it any way that you want.

Good Luck !

73! VA6FTF (UR5FTF)