

DMR Radio and Hotspot

DMR Radio

(No need to purchase other antennas if used with a Hotspot)

DMR radios work with local repeaters just as analogue radios with the added capability of Internet bridges for expanded world wide communications. While the repeaters work well a hot spot is by far preferred for numerous reasons. A hotspot works as your own personal repeater so long as you have a wifi connection for it to connect with. The wifi can be your home wifi or the wifi hot spot in most smart phones. When used with a phone hotspot it can be used mobile. A hot spot uses very little bandwidth less than 500 megabits per month if used daily.

- **Baofeng RD-5R**

<https://www.radioddity.com/collections/consumer-radios/products/radioddity-x-baofeng-rd-5r-dmr-ham-amateur-two-way-radio>

The Baefeng RD-5R is a good low cost DMR radio, it works well. They offer a larger battery for the radio on the website. This is a good battery. They also offer a Mic/Speaker that plugs into the radio port, this speaker/mic does not work well with this radio; save your money.

- **Anytone 878**

https://www.amazon.com/AnyTone-AT-D878UV-Updated-firmware-Upgraded/dp/B07JM2HTV6/ref=asc_df_B07JM2HTV6/?tag=hyprod-20&linkCode=df0&hvadid=312075829581&hvpos=1o2&hvnetw=g&hvrاند=17853504030157476376&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9016368&hvtargid=pla-583488846168&psc=1

This is a more expensive DMR Radio and it carries many more excellent features and the Lapel Mic and Speaker/Mic work perfectly with this radio. This radio is worth the money. If you order this contact the seller and tell him I referred you please.

I use this tactical lapel mic with this Anytone 878. It works great and has very good volume.

https://www.amazon.com/gp/product/B01LZH77J6/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&th=1

Jumbo Spot MMDVM is,

Completely Assembled

<https://www.ebay.com/itm/Assembled-MMDVM-hotspot-Support-P25-DMR-YSF-raspberry-pi-OLED-Antenna-Case-US/332803599112?hash=item4d7ca3eb08:g:8~gAAOSwMzVbmb4a>



You will have to provide a Micro USB cable and USB power supply for the Jumbo Spot.

Setting up the Jumbo Spot can be frustrating. I have many of these and know how to set them up. I will help you get set up and will teach you the in's and out's of the DMR system.

Freedom Pop

<https://www.freedompop.com/>

<https://shop.freedompop.com/product/refurbished-netgear-unite-mobile-hotspot-gsm/NTG-AC770SATWTR>

Freedom Pop offers a wifi hotspot for cellular service that once you purchase the device you can **cancel the service before the end of the first month** and they will give you 500 MegaBits of free data a month. All you pay is a small tax about 0.11 cents a month. These work great in cities as the ones I have use the sprint network. I use these to connect my jumbo spot to the internet for my DMR and never use the 500 Mega bites in a month.



If you have a smart phone with a hotspot you do not need one of these Freedom Pop's.

I use my Verizon Iphone SE with my Anytone 878 and Jumb Spot on a daily basis.

Please call me with questions especially before you buy anything.

W9KJO

Walter Huyck

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