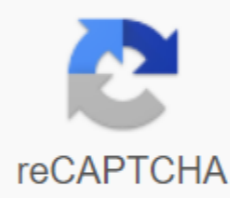




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Jumbo spot dmr

Jumbo SPOT RTS is a fully autonomous digital hotspot that supports DMR, Dstar, P25 and System Fusion. Fully assembled and tested in a sturdy aluminum case. All that is required to work is a mini Usb (Android phone's cable) power source and WiFi-based Internet connection. Pi-Star Digital Voice Software is pre-loaded and easily updated with software. Designed specifically for use with the MMDVM open source software platform created by Jonathan Naylor (G4K LX). The Pi-Star voice panel digital software, created by Andrew Taylor (MW0MW), is pre-installed and very easily configured right out of the box. The unique Pi-Star automatic software update feature makes it very easy to keep your JUMBO SPOT UP to date with the most up-to-date programs and features. Jumbo Spot has a built-in OLED display that indicates active operation, as well as a call sign and a group of current user conversations. Built-in UHF (430-450 MHz) programmable sixx radio allows easy access from your digital portable or mobile radio. The built-in WiFi 802.11bgn network radio makes connecting with multiple wireless routers, cell phone hotspots or mobile routers easy and seamless. JUMBO SPOT RTS will automatically select the nearest programmed wireless network. Product Features: Supports PI-STAR Web Digital Voice Panel and Configuration Tool supports all four digital amateur modes DMR, D-Star, P25 and System Fusion Built-in WiFi: 802.11b/g/n Built-in OLED Display Status With Mode, Talk Group and Sign Sign Built LED Indicators for Power Status, PTT, COS and Mode Console port SSH 22 for root access to operating system quad-core processor A7 1.2 GHz, 512mb DDR3 RAM and 8gb TF Card pocket size aluminum case Package includes: 1 - Raspberry zero Pi W 1 UHF and on board Wi-Fi antenna 1 - 8 G TF Card (burn pi-star) 1 - Aluminum Alloy CNC Case READY TO SSO Default Guide installed pi-star on the TF card, Wi-Fi TEST SSID is TSB, pass 13902982913, you can change your default router SSID and transfer it will automatically connect or you can visit enter your house ssid and PSK, and then download wpa_supplicant.conf inside with your house ssid and PSK, and then save on the TF card, ROOT root directory example F: then power on it, wait 2-3 minutes, it will automatically connect your house ssid, you can check your Wi-Fi router to see the pi-star host is connected, and it's IP, also you can use your computer for ping-pee-stars, if successful, you can open or your pi-star in IP default login user pi-star, pass the raspberry and then log in to SET your CALLSIN, ID, FREQ and Modem, as is the picture: Display Type is: OLED then apply the change. Below A, B and C is important! Pls Check. Select A and Click Apply Change Changes Input B and Apply Changes also your DMR radio must input the Talk Group and Freq, then you can talk now. More info if you have problem you can install the pi-star IMAGE file to TF card and try again : Pi-Star_RPi_V3.4.9_28-Jan-2018.zip OLED is Only Display While your WiFi connected, and Display Type OLED Selected in pistar. How to upgrade Firmware thank you vk4tux's script pls save as update_hs.sh then chmod x update_hs.sh/update_hs.sh Product Description: Jumbo-SPOT-RT is a fully autonomous digital hotspot that supports DMR, Dstar, P25 and System Fusion communications. Fully assembled and tested in a sturdy aluminum case. All you need to work is a mini usb (android phone) power cable and WiFi-based Internet connection. Pi-Star Digital Voice software is pre-loaded and easily updated with software. - Supports the PI-STAR digital voice panel and customization tool- Supports all four digital amateur mode DMR, D-Star, P25 and Fusion System- Built-in WiFi: 802.11B/ Built-in OLED state display showing mode, group of conversations, and call; Built-in LED power, PTT, COS and mode- SSH 22 console port for root-level access to operating system - quad Core A7 Processor 1.2 GHz, 512MB DDR3 RAM and 8GB TF Card Features: Pocket frame size Stoscial 32-bit ARM processor Lender D, verified DMR P-25, D-Star and System Fusion Built-up LEDs to display the state (Tx, Rx, PTT, mode) Power up to 10 mW Developing the SMA antenna, including the UHF antenna is attached to all current Raspberry Pi, including pi zero Stitch pre-loaded and easily updated with software. (Please don't update the firmware 3D-3D model PI-STAR UHF 420-450 MHz, VHF 144-146 MHz, 460xxxx, No 439 600, DMR, WIFI: TSB / 13902982913: 1x OLED-1x Raspberry pi-1x MMDVM hotspot board 1x 8G TFTP 1x 1x 433 M. It came up very easily on FUSION and D-Star. Try as much as I could though, with the RXOFFSET/TXOFFSET adjustment adjusting for something other than the recommended zero-frequency shift, I couldn't make DMR work. mmdvm just won't meet any of my 3 DMR portables. I bought two more sets from eBay, to which I added a Pi-zero/W, with the goal of having all 3 work wirelessly with my home network (and then strapped to my mobile phone for mobile work). The plan was to work in each mode at fairly wide separate frequencies of the RUSSIAN Federation, so dense would not be a problem between them or my radio stations. The kits took about a month to arrive from China. The title parts were wrong (single range instead of double row) and some were missing (I had to add some of my own pieces to finish builds). The instructions included recommended a set-up of 500 pounds for TX and RX OFFSET's. I downloaded the correct Pi-Star image for Pi-zero/W and configured 16GB TF (SDHC) chips one at a time for YSF, D-Star, and DMR... Saving the original 8GB TF from the first, like archival software and setting up information. YSF came up on one of the kits without any problems, neither OFFSET changes nor any other settings needed. It works that way today. D-Star should be configured differently than how I set it up for my SharkRF openSPOT. The DV mode was still working (didn't need DR mode), but the DIRECT relay settings for channel information on my ID-31A no longer worked. I had to put in a B, then A G for the happening and gateway setting. This may seem obvious to anyone with a lot of experience with D-Star, but with my shark running normally without such tweaks for nearly 2 years, I had the devil's time to figure out what a simple setup is missing or wrong. I found it in a D-Star Setup YouTube video. I saw what was missing from the lead's screenshot. He never mentioned it, but I saw it. After that, the D-Star worked great. Reflectors can be changed from my radio, and now I use the radio on one channel and spin through the menu to change YourCallsign settings back and forth between the one to which I want to link back and forth to the CCPC. So, I learned something valuable about how D-Star works through my struggle, and I My ID-31A in Icom is designed, streamlined way. D-Star is now dedicated to Amazon's pre-built unit. Dmr... Sheesh... what a pain to make it work. I knew that my equipment in the 3rd mmdvm (2nd kit) was working as a replacement TF chips from two other units got FUSION and D-Star running fine in the 3rd mmdvm. I could get a 3st mmdvm to get a DMR by stopping by visiting the Brandmeister site and installing one or more TG in static mode. DMR mode has appeared in the OLED mmdvm display and all 3 or my portable DMR is about life on receipt. It wasn't until I accidentally diddle the RX and TXDCOFFSET settings, which mmdvm began to recognize and respond to my portable (UHF MD-380). (I thought I was playing with frequency to regulate TX and RXOFFSET control only.) I then tweaked for best BER with md-380. (It was awfully high at first.) DMR has now worked great... With this radio, SharkRF openSPOT1 as an automatic routine calibration can be run to customize the type and mode modulation in DMR for the best BER. I don't see it in Pee Star. So when I used my second portable, radioddity GD-77, with DMR mmdvm, this BER was higher. I got both a radio to work with a low BER with RX/TXOFFSET set to 150 pounds (rather than the recommended 500 pounds) and RX/TXDCOFFSETS at a rate of 500 pounds. I believe this DC is offset by being 500 mV centering the flow of data into the decoder chain decoder chain. But... this is just an assumption, since no one seems to have information on what all dodle settings do and how much they can be varied before hitting the limit or getting into trouble. I wish I had a list for this !!! I don't like shooting in the dark when I'm trying to level something. Then I brought my Baofeng/Radioddity RD-5R into the game. He received a TG audio fine, but DMR mmdvm completely ignored this radio when it would transmit. So, I recorded my original settings and started blindly diddle again with the same two pairs of mmdvm OFFSET adjustments. I also turned off dual-Standby and turned on sending DMR ID radio at the beginning and end of each transmission in the SETTINGS of the CPS RD-5R software menu. The radio worked well this way and is still configured as such. So I finally got all 3 radios reasonable to play with DC compensates back to zero and the frequencies of them are set to -150. Go figure ... why is this mmdvm not working for the first two radio stations until I tweaked THE DC offset by accident? Now all 3 DMR radios work intelligently on TDR. The GD-77 and RD-5R have a BER of about zero to 0.3%. The MD-380 has the worst BER of 3, running about 0.7% to 1%... still respectable enough for a good quality connection. So I declared success. Now I have achieved my goal of having all 3 mmdvm running simultaneously through my 3 favorite digital modes. It was a real odyssey, many twists to get to this endpoint. The moral of this story is that you have to be willing to work hard Getting the configurations happy if the default settings don't work right out of the box for you. Maybe you'll be lucky, and maybe you won't. I was unlucky... I was pounding on the DMR issue with mmdvm-3 for a few weeks until my by accident, happy breakout. There's little documentation on these black boxes other than pretty good instructions for the Pi-Star software itself. But the Pi-Star doesn't delve deep into troubleshooting settings for the RF modem board. This lack of documentation, no test points on the boards of mmdvm, no oscilloscope trace examples of proper work does troubleshooting blind activities. This is not the way to work for an easily frustrated or weak heart !!! The parrot function on YSF and DMR still both work lousy. There is always a lot of garble on my return audio streams for these modes. However, the D-Star Echo function always returns a sound that is as clear as a bell. Also, I've never had anyone complain about my sound being distorted during normal qso on all 3 modes. So I can't really guess what's going on with the parrot on YSF and DMR. Perhaps this is how mmdvm deciphers returned internet audio only for these modes. SharkRF openSPOT1 has always done a commendable job on echo parrot return audio for all 3 modes. So, will I do this annoying configuration job again? The answer is simple: YES. They work well enough for me to make me very happy with the result. The rating is not 5 out of 5 because of the many roadblocks I had to contend with. Thus, 4 out of 5 is a fair rating, IMHO. My two SharkRF openSPOT1 (no WiFi versions) cost me \$230 and \$199 respectively. The first mmdvm was \$105 from Amazon. My two kits were \$38 apiece. The 16GB SDHC TF chips were \$2 each. Raspberry Pi-zero/W were \$5 for the first and \$3.14 for the one I bought on March 14th (Pi-day). Any future mmdvm will be kits, now that I am dangerous enough to know what I am doing. So the figure is \$45 each shipped, compared to \$230 for the SharkRF openSPOT2 straight from Estonia. I love puzzles. I like to learn something new. If I were in a hurry, I'd be trading extra money for the time and convenience to get the more easily configured WiFi enabled openSPOT2. But, Gee ... With a difference of \$185 per unit, I got one pre-built and tried-and-tested mmdvm plus two sets in less than one openSPOT2. Going to a 3 kit with the right bat will only cost me \$135 (but I would remove the create and wee-star image of burning variables, at least the first block). For me, these economics and the rest of the learning experience outweigh the hassle and convenience of going completely-SharkRF once again. Your own situation and tolerance for roadblocks, irritations and may be different from my own. I hope my experience can be helpful in helping you on how you can continue... Continue... Continue... jumbospot dmr. jumbospot dmr hotspot. jumbospot dmr setup. jumbospot dmr manual. jumbospot dmr configuration

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