

Step By Step Instructions On Getting Both Analog And Dmr Working On Your New

Using DMR With the ***TYT MD-380/390*** ***& MMDVM***



- Allan Hall -

Welcome to the world of radio communication! Whether you're a beginner or an enthusiast, this article will guide you through the process of setting up both analog and DMR (Digital Mobile Radio) on your new device. With step-by-step

instructions, you'll be able to enjoy the benefits of both analog and digital communication in no time.

The Advantages of Analog and DMR

Analog and DMR are two different modes of radio communication, each with its own set of advantages. Analog is the traditional mode used by most radios, offering simplicity, wide compatibility, and ease of use. On the other hand, DMR is a digital mode that provides superior audio quality, longer battery life, and increased capacity for multiple users on the same frequency. By having both modes available on your new device, you'll have the flexibility to choose the mode that best suits your needs.

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**TYT MD-380/390
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Using DMR with the TYT MD-380/390 & MMDVM: Step by step instructions on getting both analog and DMR working on your new radio!

by Allan Hall (Kindle Edition)

★★★★☆ 4 out of 5

Language : English

File size : 2138 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 50 pages

Lending : Enabled



Step 1: Choosing the Right Device

The first step to getting both analog and DMR working on your new device is to ensure that it supports both modes. Check the specifications of your device or

consult the user manual to confirm its compatibility with analog and DMR functionalities.

If you don't have a radio device yet, consider investing in a dual-band radio that supports both analog and digital modes. This way, you won't have to worry about compatibility issues later on.

Step 2: Programming Frequencies

Once you have the right device, it's time to program the frequencies for both analog and DMR communication. You will need to obtain the frequency details for your local area or the network you wish to connect to.

For analog communication, simply enter the desired frequency into your device's channel memory, along with any required CTCSS (Continuous Tone-Coded Squelch System) or DCS (Digital-Coded Squelch) tones if applicable.

For DMR communication, you will need to program the digital parameters such as color code, time slot, and talk group. These details can be obtained from the DMR network you want to connect to or from the local DMR repeater in your area.

Step 3: Testing and Configuring

After programming the frequencies, it's time to test and configure both analog and DMR modes on your device.

Start by testing the analog mode. Tune your device to the programmed analog frequency and verify that you can hear and transmit clearly. Adjust the volume, squelch, and other settings to optimize your experience.

To test the DMR mode, select the programmed DMR frequency, time slot, and talk group. Make sure you can receive and transmit digital signals without any issues. If you encounter difficulties, consult the user manual or seek assistance from knowledgeable individuals within the radio community.

Step 4: Exploring Additional Features

Now that you have both analog and DMR working on your new device, take some time to explore additional features and functionalities.

Many radios offer features such as scanning, dual-watch, GPS tracking, and text messaging. Familiarize yourself with these options and experiment with their settings to maximize the potential of your device.

Step 5: Joining the Radio Community

Finally, consider joining the radio community to connect with other radio enthusiasts, learn valuable tips and tricks, and participate in discussions related to analog and DMR communication.

Join local amateur radio clubs, online forums, or social media groups dedicated to radio communication. Engage with experienced hams who can provide guidance and support during your radio journey.

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By following these step-by-step instructions, you can get both analog and DMR working on your new device. Embrace the advantages of both modes, experiment with different features, and connect with fellow radio enthusiasts for an enriching and fulfilling radio experience.

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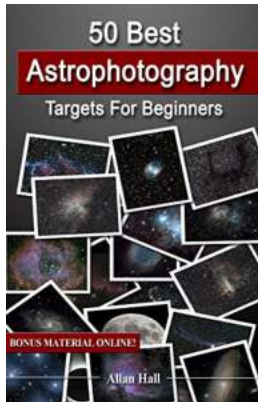
The TYT MD-380 and MD-390 are fantastic little radios, and one of the very best to start your journey into DMR with. The problem is that in order to use it, you need to learn a new radio, DMR, and the MMDVM used to connect your radio to the DMR network all at the same time.

If that isn't enough, the typical documentation for the MD-380 doesn't tell you what you need to do to connect it to the MMDVM, and the Pi-Star software documentation for the MMDVM doesn't tell you how to do it either. Each set of instructions leaves you in limbo for the other crucial part in getting all this working.

No more! Using DMR with the TYT MD380 & MMDVM takes you from a brand new blank radio and a brand new unconfigured MMDVM and walks you through step-by-step to configuring both devices to work together to get you on the DMR network as fast as possible. Of course, it also talks about adding analog simplex and repeaters to the radio too, but much of the focus is getting running on DMR.

Anyone with a valid amateur radio license, a DMR capable radio and a hot spot like the MMDVM can get on DMR for free and talk all over the world. No repeaters in your area? No problem as long as you have WI-FI internet!

Stop putting off learning how to connect all this equipment and get up and running TODAY!



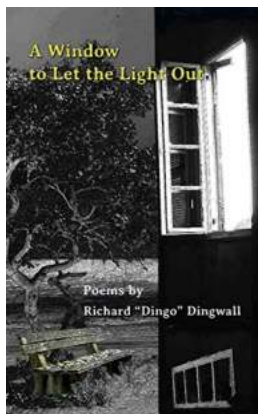
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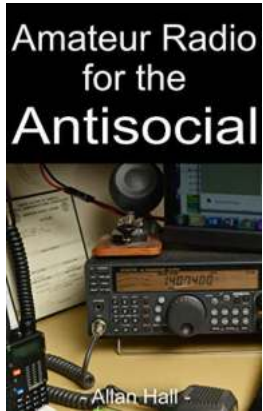
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