

1

What DMR Equipment Should I Buy?

- What features are you looking for?
 - Memories (Contacts & Channels)
 - Availability of Programming
 - Software
- HT vs Mobile
 - Hotspot?Repeater?
- USB Dongle

What's your budget?

Baofeng	DM-1702	\$	69.99
Retevis	RT3S	\$	94.99
TYT	MD-380	\$	102.99
Radioddity	GD-88	\$	189.99
	CS7000 M17 GPS (Used)		
Anytone	AT-D168UV	\$	199.99
Connect Systems	CS7000 M17	\$	299.00
Btech	DMR-6x2 Pro		299.89
Anytone	AT-D878UVII Plus		349.99
Connect Systems	CS7000 M17 GPS	S	399.00
Connect Systems	CS7000 M17 Plus	\$	499.00
Rfinder	M6	\$1	,049.00
Rfinder	B1+	\$1	,249.00
Rfinder	P10 Tablet	\$1	,549.00

15

Hotspots? • ZUMradio ZUMspot Mini (\$175) • ZUMradio ZUMspot Elite (\$250) • AMBE+2 Board or USB Dongle * BlueDV Software (\$140) • TGIFSpot (\$389.00) • Bridgecom SkyBridge MAX (\$434.99) • Hamspot 4 (\$175) • SharkRF OpenSpot 4 (Pro) (\$370 US) • The "Pro" version has transcoding • Generic, Cloned and Custom MMDVM Boards – Less \$

https://www.pistar.uk First update in 3 years, January 2024 PLANTING PROPERTY AND PROPERTY AND

17

The WPSD Project • https://w0chp.radio/wpsd/ • Updates almost every week W0CHP. radio THE WPSD PROJECT Welcome to the official web page of the WPSD Project. WPSD is a next-generation digital vious software subfe or anateur radio use, enjoyed by many thousands of harm acound the globe. It is used for personal hotopos and repeater alike. It supports MI7, DMR, DSmr, Yearu System Fration (157/C4PM), P25, NXDM digital viotes modes & POCSAG data/paging. WPSD is available as similable data images, and multiple platforms & devices are supported. The WPSD Project is five and open-source software (PCSS). Table of Centeria: **Commission** **Development** **Deve

18

SERA Frequencies for Digital Hotspots

 • 440.9250
 • 441.0750

 • 440.9500
 • 441.1000

 • 440.9750
 • 441.1250

 • 441.0250
 • 441.1500

 • 441.0500
 • 441.1750

Note: These frequencies should be valid in Mississippi, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virgina and West Virginia. You are responsible for not interfering when you travel out of state.

20

How Do I Program My Radio? | RX Group | Number | Number

21

Programming Your Channel(s) The Important Things: Channel Type Transmit Power TX Permit Contact Radio ID Color Code Slot DMR Mode

Talker Alias

23

Talker Alias

- >This does not replace the necessity to properly ID.
- ➤ Contrary to popular belief, AnyTone's support for Talker Alias does not cause problems for Motorola Radios
- >Motorola Radios need to update their firmware to support TA

* Motorola has not updated the firmware to support TA for all radios

Motorola repeaters that are on the DMR SE C-Bridge network are not compatible with Talker Alias - in that it causes distortion and drop-outs.

24

Programming Made Easier

Make Your Own Lists (Excel, Google Sheets, etc)

- Contacts List
- Talk Group List
- Zone List
- Scan Lists

Saving Time

- https://www.pistar.uk/downloads/anytone/
 http://www.dmrcontacts.com/
 https://amateurradio.digital/ (\$12/year)
 Picture to right →

AnyTone AT-D868UV	٠
AnyTone AT-D878UV	*
AnyTone AT-D578UV	
Allunce HD1	п
Alinco DJ-MD5	ш
Baofeng DM1701	ш
BTECH DMR-6X2	п
Connect Systems CS800	п
Connect Systems CS800D	ш
Radioddity GD-77	п
Retevis RT3S/RT84	ш
Retevis RT52	ш
Retevis RT82	п
Retevis RT90	
Tera TR-7400	ш
TYT MD-380/390 & UV380/UV39	0
TYT MD-2017	ш
TYT MD-9600	ш
Generic (RAW)	ш
DMRX c-Bridge	-11
NOGSG DMR Contact Manager	v

		┰.
Drogram	mina	linc
Program	1111112	111172

- Programming Lucedale Talk group 312801
 - Using the talk group:

 - For the repeater is one channel
 For your hot spot, it is another channel
- Use Zones to your advantage.
 - Create a Zone for the Lucedale Repeater or (George County) (Stone County)
 - Create a Zone for the Petal Repeater
 - Create a Zone for the Biloxi Repeater
 - Create a Zone for your hot spot
- Create Disconnect and Parrot channels in each zone.

26

Operating Tips

- Remember to ID!
 - First transmission, last transmission and every 10 minutes in between.
 - Your Brandmiester ID is not ID'ing. Neither is Talker Alias
- Do not quick key Leave a pause between transmissions
 - There can be up to a 6 second delay between networks
 - We have timed a 4.5 second delay between the Lucedale repeater and a Brandmeister Hot Spot.

27

Where Can I Get Info / Help? Here at our meeting! • https://amateurradionotes.com/pi-star.htm * • https://www.dmrfordummies.com https://sera.org

* Good information, but is no longer being updated.

A rew Good Resource	d Resources:	A Few Good
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- https://dmr-marc.net
 https://dmr-marc.net/media/Amateur_Radio_Guide_to_DMR_Rev_I_20150510.pdf
 https://dmr-marc.net/media/DMR_MARC_Best_Practice_Guide_Rev_BB.pdf
- https://github.com/ni5i
- https://pistar.uk
- https://radioid.net
- https://w0chp.radio/wpsd

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