



Digital Mobile Radio for the Radio Amateur

UHF/VHF DMR



Benefits of Digital Modes

Improved Voice Communications

Improved Channel Efficiency

Internet-enabled worldwide
communication

Messaging

Digital Radio Modes

- ◇ Classic DMR
 - ◇ Multiple vendors
 - ◇ Brandmeister talk groups
 - ◇ Send phone and digital information (location, Images, etc...)
- ◇ D-Star
 - ◇ ICOM radio implementation - Digital Smart Technologies for Amateur Radio
 - ◇ Talk Groups
 - ◇ Send phone and digital information (location, Images, etc...)
- ◇ System Fusion
 - ◇ Yeasu Radio
 - ◇ Digital Groups
 - ◇ Send phone and digital information, (location, Images, etc...)

Repeaters



◇ Digital modes are usually enabled by repeaters

◇ Yaesu DR-2X/XE



◇ ICOM ID-RP2010V, ID-RP4010V, or ID-RP1200VD



◇ Bridgecom BCR-50DV, or BCR-40DU

DMR Hotspots

- ◇ Hotspots serve as small low-wattage repeater
- ◇ Connect to the internet
- ◇ User configurable
- ◇ Can be bought or built
 - ◇ Bridgecom
 - ◇ MMDVM and Raspberry pi



PiStar

- ◇ Information found at <https://www.pistar.uk/>
- ◇ Register for a digital ID here <https://www.radioid.net/>
 - ◇ Can Bridge DMR, D-STAR, C4FM, P25 and others



Pi-Star Dashboard

- Shows Recent Activity
- Shows Signal Quality
- Quickly review
 - Frequency settings
 - Hotspot state

Hostname: pi-star Pi-Star:4.1.6 / Dashboard: 20221114

Pi-Star Digital Voice Dashboard for AJ6UE

Dashboard | Admin | Configuration

Modes Enabled	
D-Star	DMR
YSF	P25
YSF XMode	NXDN
DMR XMode	POCSAG

Network Status	
D-Star Net	DMR Net
YSF Net	P25 Net
YSF2DMR	NXDN Net
YSF2NXDN	YSF2P25
DMR2NXDN	DMR2YSF

Radio Info	
Trx	Listening
Tx	438.625000 MHz
Rx	433.625000 MHz
FW	HS_Hat:v1.5.2
TCXO	14.7456 MHz

DMR Repeater	
DMR ID	3186248
DMR CC	1
TS1	enabled
TS2	enabled

DMR Master	
BM	3103 United St..

Gateway Activity									
Time (PST)	Mode	Callsign	Target	Src	Dur(s)	Loss	BER		
20:28:27 Mar 5th	DMR TS2	NB3KJX (GPS)	TG 3106	Net	0.5	0%	0.0%		
20:02:53 Mar 5th	DMR TS2	N6WDR (GPS)	TG 3106	Net	0.5	0%	0.0%		
19:04:44 Mar 5th	DMR TS2	KF6VB (GPS)	TG 3106	Net	0.5	0%	0.0%		
17:54:13 Mar 5th	DMR TS2	N6QDY (GPS)	TG 3106	Net	2.6	2%	0.5%		
17:06:10 Mar 5th	DMR TS2	KN6TAF (GPS)	TG 3106	Net	4.4	0%	0.0%		
16:59:45 Mar 5th	DMR TS2	KI6LKD (GPS)	TG 3106	Net	1.6	0%	0.0%		
16:39:38 Mar 5th	DMR TS2	N0TXK (GPS)	TG 3106	Net	0.5	0%	0.0%		
16:04:56 Mar 5th	DMR TS2	K1GGS (GPS)	TG 3106	Net	1.9	56%	0.0%		
15:56:08 Mar 5th	DMR TS2	KN6YIY (GPS)	TG 3106	Net	0.5	0%	0.0%		
14:55:47 Mar 5th	DMR TS2	K6USY (GPS)	TG 3106	Net	7.4	4%	0.0%		
14:55:29 Mar 5th	DMR TS2	WA6HXM (GPS)	TG 3106	Net	6.8	1%	0.0%		
14:55:11 Mar 5th	DMR TS2	KE6ZGR (GPS)	TG 3106	Net	6.6	0%	0.0%		
14:44:16 Mar 5th	DMR TS2	N6MNN (GPS)	TG 3106	Net	14.8	0%	0.0%		
12:10:44 Mar 5th	DMR TS2	KE6YGM (GPS)	TG 3106	Net	1.4	0%	0.2%		
12:06:28 Mar 5th	DMR TS2	AC6RW (GPS)	TG 3106	Net	0.5	0%	0.0%		
12:01:03 Mar 5th	DMR TS2	N6VRZ (GPS)	TG 3106	Net	49.5	1%	0.0%		
12:00:06 Mar 5th	DMR TS2	W6OHV (GPS)	TG 3106	Net	40.1	0%	0.1%		
11:37:24 Mar 5th	DMR TS2	NB6I (GPS)	TG 3106	Net	1.6	0%	0.0%		
11:11:49 Mar 5th	DMR TS2	KK6EVD (GPS)	TG 3106	Net	7.3	0%	0.0%		
10:01:07 Mar 5th	DMR TS2	K4OSG (GPS)	TG 3106	Net	1.6	0%	0.0%		

Local RF Activity							
Time (PST)	Mode	Callsign	Target	Src	Dur(s)	BER	RSSI

Pi-Star / Pi-Star Dashboard. © Andy Taylor (M1WDMWZ) 2014-2023.
 ircDDBGateway Dashboard by Hans-J. Barthen (DL5DJ),
 MMDVM Dash developed by Kim Huebel (DG9VH),
 Need help? Click here for the Facebook Group
 or Click here to join the Support Forum
 Get your copy of Pi-Star from here.

Pi-Star Configuration

://www.voacap.com/hf/ Pi-Star:4.1.6 / Dashboard: 20221114

Pi-Star Digital Voice - Configuration

Dashboard | Admin | Expert | Power | Update | Backup/Restore | Factory Reset

Gateway Hardware Information

Hostname	Kernel	Platform	CPU Load	CPU Temp
pi-star	5.10.63-v7+	Raspberry Pi 3 Model B Plus Rev 1.3	0.03 / 0.11 / 0.07	65.5°C / 149.9°F

Control Software

Setting	Value
Controller Software:	<input type="radio"/> DStarRepeater <input checked="" type="radio"/> MMDVMHost (DV-Mega Minimum Firmware 3.07 Required)
Controller Mode:	<input type="radio"/> Simplex Node <input checked="" type="radio"/> Duplex Repeater (or Half-Duplex on Hotspots)

MMDVMHost Configuration

Setting	Value
DMR Mode:	<input checked="" type="checkbox"/> RF Hangtime: <input type="text" value="5"/> Net Hangtime: <input type="text" value="5"/>
D-Star Mode:	<input type="checkbox"/> RF Hangtime: <input type="text" value="20"/> Net Hangtime: <input type="text" value="20"/>
YSF Mode:	<input type="checkbox"/> RF Hangtime: <input type="text" value="20"/> Net Hangtime: <input type="text" value="20"/>
P25 Mode:	<input type="checkbox"/> RF Hangtime: <input type="text" value="20"/> Net Hangtime: <input type="text" value="20"/>
NXDN Mode:	<input type="checkbox"/> RF Hangtime: <input type="text" value="20"/> Net Hangtime: <input type="text" value="20"/>
YSF2DMR:	<input type="checkbox"/>
YSF2NXDN:	<input type="checkbox"/>
YSF2P25:	<input type="checkbox"/>
DMR2YSF:	<input type="checkbox"/> Uses 7 prefix on DMRGateway
DMR2NXDN:	<input type="checkbox"/> Uses 7 prefix on DMRGateway
POCSAG:	<input type="checkbox"/> POCSAG Paging Features
MMDVM Display Type:	Nextion <input type="button" value="v"/> Port: <input type="text" value="/dev/ttyNextionDriver"/> Nextion Layout: <input type="text" value="ON7LDS L3 HS"/> <input type="button" value="v"/>

General Configuration

Setting	Value
Hostname:	pi-star <small>Do not add suffixes such as .local</small>
Node Callsign:	AJ6UE
CCS7/DMR ID:	3186248
Radio Frequency RX:	<input type="text" value="433.625.000"/> MHz
Radio Frequency TX:	<input type="text" value="438.625.000"/> MHz
Latitude:	<input type="text" value="35.608986"/> degrees (positive value for North, negative for South)
Longitude:	<input type="text" value="-117.6600"/> degrees (positive value for East, negative for West)
Town:	<input type="text" value="Ridgecrest, DM15do"/>
Country:	<input type="text" value="CA USA"/>
URL:	<input type="text" value="https://www.qrz.com/db/AJ6UE"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual
Radio/Modem Type:	MMDVM_HS_Dual_Hat (DB9MAT, DF2ET & D07EN) for Pi (GPIO) <input type="button" value="v"/>
Node Type:	<input type="radio"/> Private <input checked="" type="radio"/> Public
DMR Access List:	<input type="text" value="3186248"/>
APRS Host Enable:	<input type="checkbox"/>
APRS Host:	<input type="text" value="noam.aprs2.net"/> <input type="button" value="v"/>
System Time Zone:	<input type="text" value="America/Los_Angeles"/> <input type="button" value="v"/>
Dashboard Language:	<input type="text" value="english_uk"/> <input type="button" value="v"/>

Pi-Star Configuration (Cont.)

DMR Configuration

Setting	Value
DMR Master:	BM_3103_United_States ▾
Hotspot Security:	*****
BrandMeister Network:	Device Information Edit Device (BrandMeister Selfcare)
DMR ESSID:	3186248 None ▾
DMR Colour Code:	1 ▾
DMR EmbeddedLCOOnly:	<input type="checkbox"/>
DMR DumpTADData:	<input checked="" type="checkbox"/>

Apply Changes

Mobile GPS Configuration

Setting	Value
MobileGPS Enable:	<input type="checkbox"/>
GPS Port:	/dev/ttyACM0 ▾
GPS Port Speed:	38400

Apply Changes

Firewall Configuration

Setting	Value
Dashboard Access:	<input checked="" type="radio"/> Private <input type="radio"/> Public
ircDDBGateway Remote:	<input checked="" type="radio"/> Private <input type="radio"/> Public
SSH Access:	<input checked="" type="radio"/> Private <input type="radio"/> Public
Auto AP:	<input checked="" type="radio"/> On <input type="radio"/> Off Note: Reboot Required if changed
uPNP:	<input checked="" type="radio"/> On <input type="radio"/> Off

Apply Changes

Wireless Configuration

Refresh Reset WiFi Adapter Configure WiFi

Wireless Information and Statistics

Interface Information	Wireless Information
Interface Name : wlan0 Interface Status : Interface is up IP Address : 192.168.86.34 Subnet Mask : 255.255.255.0 Mac Address : b8:27:eb:c1:50:6e	Connected To : WoWNet AP Mac Address : b0:6a:41:86:73:e2 Bitrate : 325.0 MBit/s Signal Level : -42 dBm
Interface Statistics	Transmit Power : 31 dBm
Received Packets : 4235718 Received Bytes : 2749104165 (2.5 GiB) Transferred Packets : 965020 Transferred Bytes : 132793883 (126.6 MiB)	Link Quality : 97 % Channel Info : 5.0GHz Ch149 (5.745 GHz) WiFi Country : US

Information provided by ifconfig and iwconfig

Auto AP SSID	PSK
pi-star	PSK: <input type="text"/> Confirm PSK: <input type="text"/> <input type="button" value="Set PSK"/>

Remote Access Password

User Name	Password
pi-star	Password: <input type="text"/> Confirm Password: <input type="text"/> <input type="button" value="Set Password"/>

WARNING: This changes the password for this admin page AND the "pi-star" SSH account

Pi-Star web config, © Andy Taylor (MW0MWZ) 2014-2023.
Need help? Click here for the Support Group
Get your copy of Pi-Star from here.

Brandmeister Admin Page

- ◆ Configure talk groups for your pi-star
- ◆ Manage talk group activity
 - ◆ Get Hotspot IP
 - ◆ Drop Talk Group
 - ◆ Reset Talk Group
 - ◆ Etc...

The screenshot shows the Brandmeister Admin Page for the device AJ6UE. The page is titled "Settings of AJ6UE (view)" and includes a sidebar with navigation options. The main content area displays the "General Settings" for the device, including fields for Priority Message, Description, Website, Location (City), Latitude, Longitude, Power (ERP), and Height AGL in m. Below the settings is a "Sysops" table with columns for Callsign, Read Settings, Write Settings, Manage Sysops, and Actions. The Actions section contains buttons for Get IP address, Drop call on slot 1, Drop dynamic groups on slot 1, Drop call on slot 2, Drop dynamic groups on slot 2, and Reset connection. The bottom of the page features a cookie notice and a "Got it!" button.

D878U/II[D878U/II(UHF(400 - 480 MHz) VHF(136 - 174 MHz)):(C:\Users\ricco\OneDrive - SNHU\Documents\Codeplug\Initial DMR Test CodePlug.rdt) Version 2.02.N

File Model Set Program Tool View Help

D878U/II

- Common Setting
 - Channel
 - Zone
 - Scan List
 - Roaming Zone
 - FM
 - Auto Repeater Offset Freq
 - Roaming Channel
 - Device Information
 - Optional Setting
 - Alarm Setting
 - Local Information
 - Hot Key
 - APRS
- Digital
- Analog

No.	Receive Frequency	Transmit Frequency	Channel Type	Power	Band Width	CTCSS/DCS Decode	CTCSS/DCS Encode	Channel Name	Contact	Radio ID	Optional Signal
1	147.00000	147.60000	A-Analog	Turbo	25K	100.0	107.2	WAGYBN Repeater	BM World Wide	Ric AJGUE	Of
2	145.34000	144.74000	A-Analog	Turbo	25K	100.0	100.0	WAGYBN Rand	BM World Wide	Ric AJGUE	Of
3	147.97500	147.37500							BM World Wide	Ric AJGUE	Of
4	448.88000	443.88000							BM World Wide	Ric AJGUE	Of
5									BM World Wide	Ric AJGUE	Of
6	144.39000	144.39000							BM World Wide	Ric AJGUE	Of
7									BM World Wide	Ric AJGUE	Of
8	438.62600	433.62500							BM World Wide	Ric AJGUE	Of
9	438.62600	433.62500							BM USA Bridge	Ric AJGUE	Of
10	438.62600	433.62500							BM California	Ric AJGUE	Of
11	438.62600	433.62500							PAPA Sys TG	Ric AJGUE	Of
12	438.62600	433.62500							BM Parrot	Ric AJGUE	Of
13	438.62600	433.62500							BM Disconnect	Ric AJGUE	Of
14											
15											
16											
17											
18	446.32500	446.32500							BM World Wide	Ric AJGUE	Of
19	446.52500	446.52500							BM World Wide	Ric AJGUE	Of
20	446.57500	446.57500							BM World Wide	Ric AJGUE	Of
21	446.87500	446.87500							BM World Wide	Ric AJGUE	Of
22	144.32500	144.32500							BM World Wide	Ric AJGUE	Of
23	145.32500	145.32500							BM World Wide	Ric AJGUE	Of
24	145.57500	145.57500							BM World Wide	Ric AJGUE	Of
25	145.87500	145.87500							BM World Wide	Ric AJGUE	Of
26	440.00000	440.00000							BM World Wide	Ric AJGUE	Of
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											

Channel Information Edit...8

Channel Name: BM World Wide

Receive Frequency: 438.62600
 Transmit Frequency: 433.62500
 Correct Frequency [Hz]: 0

Channel Type: D-Digital
 Transmit Power: Low
 Band Width: 12.5K
 TX Permit: Different Color Code
 Scan List: None
 APRS Report Type: Off
 Analog APRS PTT Mode: Off
 Digital APRS PTT Mode: Off
 Digital APRS Report Channel: 1
 Exclude channel from roaming: off
 DMR MODE: Repeater

PTT Prohibit: PTT Prohibit
 Talk Around (Simplex): Talk Around (Simplex)
 APRS RX: APRS RX
 Work Alone: Work Alone
 DataACK Disabl: DataACK Disabl
 Auto Scan: Auto Scan
 Area Apns Mute: Area Apns Mute

Digital

Contact: BM World Wide
 Radio ID: Ric AJGUE
 Color Code: 1
 Slot: Slot2
 Receive Group List: None
 Digital Encryption: Off

AES Digital Encryption: Off
 Multiple Key: Off
 Random Key: Off
 SMS Forbid: Off

Slot Suit
 Call Confirmation
 Ranging
 SMS Confirmation

Analog

CTCSS/DCS Decode: Off
 CTCSS/DCS Encode: Off
 Squelch Mode: Canon
 Optional Signal: Off
 DTMF ID:
 ZTone ID:
 STone ID:
 PTT ID: Off

ZTONE Decode: 1
 Custom CTCSS: 251.1
 RStoneBot: 1
 RStoneExt: 1

Reverse: Reverse

OK Cancel Previous Next

D878U/II
 Contact Selection Window

Configuring your code
 plug for DMR
 Frequencies for your
 hotspot

Edit your talk groups

◆ Talk group ID

- ◆ Find from the Brandmeister network

◆ Talk group name

- ◆ Usually a group call
- ◆ Parrot is a private call
- ◆ Parrot is a radio check

The screenshot shows the D878UVII software interface. The title bar reads: "D878UVII[[D878UVII:UHF[400 - 480 MHz] VHF[136 - 174 MHz]]:[C:\Users\vicso\OneDrive - SNHU\Documents\Codeplugs\Initial DMR Test CodePlug.rdt] Version 2.02 N". The menu bar includes File, Model, Set, Program, Tool, View, and Help. The left sidebar shows a tree view with categories: Common Setting, Digital, and Analog. Under Digital, "Radio ID List" is expanded, and "Contact/Talk Group" is selected. The main area is a spreadsheet with columns: No., TG/DMR ID, Call Alert, Name, and Call Type. The data is as follows:

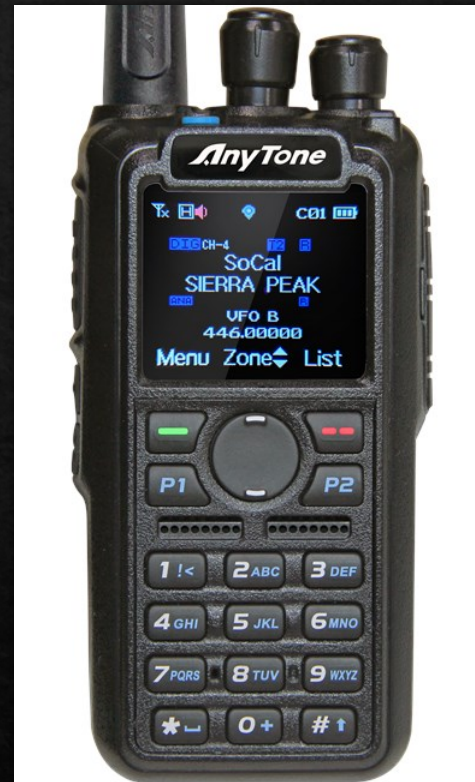
No.	TG/DMR ID	Call Alert	Name	Call Type
1	91	None	BM World Wide	Group Call
2	3106	None	BM California	Group Call
3	9990	None	BM Parrot	Private Call
4	4000	None	BM Disconnect	Group Call
5	3100	None	BM USA Bridge	Group Call
6	31078	None	PAPA Sys TG	Group Call
7				
8				
9				
10				
11				
12				
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39				
40				

Below the spreadsheet, there is a status bar with the following text:

D878UVII
List Talk Group
This shows a brief message of 10000 Talk Groups
Double click to enter the editing interface

The AT-D868UV program looks like an excel spreadsheet once opened, and the left side defines the many aspects of programming. Open the DIGITAL CONTACT Talk Group tab on the left side and double click on the first line (Line No. 1). The Digital Contact List typically contains the DMR Talk

Code Plug Demo



Let's add BayNet to our Radio Talk Group 31075

- ◆ Under Digital ->Contact/Talk Group, add Baynet

No.	TG/DMR ID	Call Alert	Name	Call Type
1	91	None	BM World Wide	Group Call
2	3106	None	BM California	Group Call
3	9990	None	BM Parrot	Private Call
4	4000	None	BM Disconnect	Group Call
5	3100	None	BM USA Bridge	Group Call
6	31078	None	PAPA Sys TG	Group Call
7				
8				
9				
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38				
39				

Talk Group Edit dialog box fields:

- Name: Baynet
- Call Type: Group Call
- TG/DMR ID: 31075
- Call Alert: None

Create a channel

- On your radio, create BayNet Channel
- Contact: BayNet
- Transmit and receive Frequency from your Hot Spot
- Select your color code
- Select slot 1 or slot 2
- DMR Mode: Repeater

80 MHz) Tx(420 - 450 MHz)) VHF[Rx(136 - 174 MHz) VHF Tx(144 - 148 MHz)]];C:\Users\ricso\OneDrive - SNHU\Documents\Codeplugs\Standard Codeplug 031223.rdt] Version 3.01

View Help

No.	Receive Frequency	Transmit Frequency	Channel Type	Power	Band Width	CTCSS/DCS Decode	CTCSS/DCS Encode	Channel Name	Contact	Radio ID
1	147.00000	147.60000	A-Analog	Turbo	25K	107.2	107.2	WAGYBN N	BM World Wide	Ric AJ6UE
2	145.34000	144.74000						WAGYBN N	BM World Wide	Ric AJ6UE
3	147.97500	147.37500							BM World Wide	Ric AJ6UE
4	448.88000	443.88000							BM World Wide	Ric AJ6UE
5	146.55000	146.55000							BM World Wide	Ric AJ6UE
6	446.00000	446.00000							BM World Wide	Ric AJ6UE
7										
8	144.39000	144.39000							BM World Wide	Ric AJ6UE
9	440.00000	440.00000							BM World Wide	Ric AJ6UE
10	438.62600	433.62500							BM World Wide	Ric AJ6UE
11	438.62600	433.62500							BM World Wide	Ric AJ6UE
12	438.62600	433.62500							BM USA Bridge	Ric AJ6UE
13	438.62600	433.62500							BM California	Ric AJ6UE
14	438.62600	433.62500							PAPA Sys TG	Ric AJ6UE
15	438.62600	433.62500							BM Parrot	Ric AJ6UE
16	438.62600	433.62500							BM Disconnect	Ric AJ6UE
17									Baynet	Ric AJ6UE
18										
19										
20	446.32500	446.32500							BM World Wide	Ric AJ6UE
21	446.52500	446.52500							BM World Wide	Ric AJ6UE
22	446.57500	446.57500							BM World Wide	Ric AJ6UE
23	446.87500	446.87500							BM World Wide	Ric AJ6UE
24	144.52500	144.52500							BM World Wide	Ric AJ6UE
25	145.32500	145.32500							BM World Wide	Ric AJ6UE
26	145.57500	145.57500							BM World Wide	Ric AJ6UE
27	145.87500	145.87500							BM World Wide	Ric AJ6UE
28	440.00000	440.00000							BM World Wide	Ric AJ6UE
29										
30										
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39										

Channel Information Edit---16

Channel Name: BayNet

Receive Frequency: 438.62600 PTT Prohibit Talk Around(Simplex) APRS RX

Transmit Frequency: 433.62500 Work Alone DataACK Disable Auto Scan

Correct Frequency[Hz]: 0

Channel Type: D-Digital

Transmit Power: Low

Band Width: 12.5K

TX Permit: Always

Scan List: None

Exclude channel from roaming: off

DMR MODE: DMO/simplex

Analog APRS Report Freq: 1

Analog

CTCSS/DCS Decode: Off

CTCSS/DCS Encode: Off

Squelch Mode: Carrier

Optional Signal: Off

DTMF ID:

2Tone ID: 1

5Tone ID: 1

PTT ID: Off

Digital

Contact: Baynet

Radio ID: Ric AJ6UE

Color Code: 1

Slot: Slot2

Receive Group List: None

Digital Encryption: Off

AES Digital Encryption: Off

Multiple Key: Off

Random Key: Off

SMS Forbid: Off

Send Talker Alias Call Confirmation Ranging

Slot Suit SMS Confirmation

Reverse

2TONE Decode: 1

Custom CTCSS

R5toneBot: 1

R5toneEot: 1

OK Cancel Previous Next

in the radio display screen (typically name of repeater and TG)

Add to your DMR Zone

D878UVII[D878UVII:UHF{Rx(400 - 480 MHz) Tx(420 - 450 MHz)} VHF{Rx(136 - 174 MHz) VHF Tx(144 - 148 MHz)}];[C:\Users\ricso\OneDrive - SNHU\Documents\Codeplugs\Standard Codeplug 031223.rdt] Version 3

File Model Set Program Tool View Help

D878UVII

- Common Setting
 - Channel
 - Zone
 - Scan List
 - Roaming Channel
 - Roaming Zone
 - FM
 - Auto Repeater Offset Frequer
 - Device information
 - Optional Setting
 - Alarm Setting
 - Local Information
 - Hot Key
 - APRS
 - GPS Roaming
- Digital
 - Radio ID List
 - Contact/Talk Group
 - Prefabricated SMS
 - Receive Group Call List
 - AES Encryption Code
 - Digital Contact List
 - Friends List
 - Talk Alias Settings
 - Encryption Code
- Analog

No.	Name	Zone Channels	A Channel	B Channel
1	Ridgecrest	7	WA6YBN S	WA6YBN N
2	BM DMR	6	BM California	BM California
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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35				
36				
37				
38				
39				

Zone Edit---2

Zone Name:

Zone Hide

A Channel:

B Channel:

Available Channel

1	WA6YBN N
2	WA6YBN S
3	W6RE El Paso V
4	W6RE El Paso U
5	WY6YBN Simplex
6	Crossband
8	APRS
9	Channel10
20	Channel 1
21	Channel 2
22	Channel 3
23	Channel 4
24	Channel 5
25	Channel 6
26	Channel 7
27	Channel 8
28	Channel 9

Zone Channel Member

10	BM World Wide
11	BM USA Bridge
12	BM California
13	BM PAPA Sys TG
14	BM Parrot
15	BM Disconnect
16	BayNet

Order By:

Order By:

OK Cancel Previous Next

D878UVII

Zone Channel Member:
Move over the channels you want logical groups to this area

Status

Essential Channels

- ◆ Parrot: 9990
 - ◆ Radio check for the DMR network
- ◆ Disconnect: 4000
 - ◆ Removes your radio from a talk group

DMR Demo

