

Pi-Star Digital Voice - Configuration

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Gateway Hardware Information

Hostname	Kernel	Platform	CPU Load	CPU Temp
pi-star	4.9.35+	Pi Zero W Rev 1.1 (512MB)	1.42 / 1.61 / 1.78	40.1°C / 104.2°F

Control Software

Setting	Value
Controller Software:	☐ DStarRepeater ☒ MMDVMHost (DV-Mega Minimum Firmware 3.07 Required)
Controller Mode:	☒ Simplex Node ☐ Duplex Repeater (or Half-Duplex on Hotspots)

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MMDVMHost Configuration

Setting	Value
DMR Mode:	RF Hangtime: 20 Net Hangtime: 20
D-Star Mode:	RF Hangtime: 20 Net Hangtime: 20
YSF Mode:	RF Hangtime: 20 Net Hangtime: 20
P25 Mode:	RF Hangtime: 20 Net Hangtime: 20
NXDN Mode:	RF Hangtime: 20 Net Hangtime: 20
YSF2DMR:	
YSF2NXDN:	
YSF2P25:	
DMR2YSF:	Uses 7 prefix on DMRGateway
DMR2NXDN:	Uses 7 prefix on DMRGateway
POCSAG:	POCSAG Paging Features
MMDVM Display Type:	OLED Type 3 v Port: /dev/ttyAMA0 v Nextion Layout: G4KLX v

[Apply Changes](#)

General Configuration

Setting	Value
Hostname:	pi-star Do not add suffixes such as .local
Node Callsign:	KD8NVN
CCS7/DMR ID:	4607086
Radio Frequency:	448.900.000 MHz
Latitude:	42.522230 degrees (positive value for North, negative for South)
Longitude:	-83.23768 degrees (positive value for East, negative for West)
Town:	Beverly Hill
Country:	MI
URL:	http://www.qrz.com/db/KD8NVN ☒ Auto ☐ Manual
Radio/Modem Type:	ZUMspot - Single Band Raspberry Pi Hat (GPIO) v
Node Type:	☐ Private ☒ Public
APRS Host:	indiana.aprs2.net v
System Time Zone:	America/Detroit v
Dashboard Language:	english_us v

[Apply Changes](#)

DMR Configuration

Setting	Value
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DMR Master:	BM_United_States_3103 ▼
Hotspot Security:	
BrandMeister Network:	Repeater Information Edit Repeater (BrandMeister Selfcare)
DMR ESSID:	4607086 None ▼
DMR Color Code:	1 ▼
DMR EmbeddedLCOnly:	
DMR DumpTADData:	

Apply Changes

D-Star Configuration

Setting	Value
RPT1 Callsign:	KD8NVN B ▼
RPT2 Callsign:	KD8NVN G
Remote Password:	
Default Reflector:	REF089 ▼ C ▼ ☒ Startup ☐ Manual
ircDDBGateway Language:	English_(US) ▼
Time Announcements:	
Callsign Routing:	Connect ircDDB for call routing
Use DPlus for XRF:	Note: Update Required if changed

Apply Changes

Yaesu System Fusion Configuration

Setting	Value
YSF Startup Host:	FCS00222 - Michigan ▼
UPPERCASE Hostfiles:	Note: Update Required if changed
WiresX Passthrough:	

Apply Changes

P25 Configuration

Setting	Value
P25 Startup Host:	10100 - m1geo.com ▼
P25 NAC:	293

Apply Changes

Firewall Configuration

Setting	Value
Dashboard Access:	☒ Private ☐ Public
ircDDBGateway Remote:	☒ Private ☐ Public
SSH Access:	☒ Private ☐ Public
Auto AP:	☒ On ☐ Off Note: Reboot Required if changed
uPNP:	☐ On ☒ Off

Apply Changes

Wireless Configuration

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[Refresh](#)[Reset WiFi Adapter](#)[Configure WiFi](#)

Wireless Information and Statistics

Interface Information

Interface Name : wlan0
Interface Status : **Interface is up**
IP Address : 10.1.4.81
Subnet Mask : 255.255.255.0
Mac Address : b8:27:eb:7b:00:ec

Interface Statistics

Received Packets : 8161161
Received Bytes : 1145882025 (1.0 GiB)
Transferred Packets : 6983433
Transferred Bytes : 3178842527 (2.9 GiB)

Wireless Information

Connected To : HamGate
AP Mac Address : 98:da:c4:f3:61:80

Bitrate : 72.2 MBit/s
Signal Level : -31 dBm

Transmit Power : 31 dBm
Link Quality : 100 %
Channel Info : 2.4GHz Ch2 (2.417 GHz)
WiFi Country : US

Information provided by ifconfig and iwconfig

Remote Access Password

User Name	Password		
pi-star	Password:	Confirm Password:	Set Password
WARNING: This changes the password for this admin page AND the "pi-star" SSH account			

Pi-Star web config, © Andy Taylor (MW0MWZ) 2014-2020.
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