

# Digi APRS RX

This lets you RX/TX GPS distance from/to other radios you wish to stay in contact with.

## 1. Setting we need to go over -

Each Channel we need to turn on.

Receive Frequency	433.40000	<input type="checkbox"/> PTT Prohibit	<input type="checkbox"/> Talk Around(Simplex)	<input checked="" type="checkbox"/> APRS RX
Transmit Frequency	433.40000	<input type="checkbox"/> Work Alone	<input type="checkbox"/> DataACK Disable	<input type="checkbox"/> Auto Scan
Correct Frequency [Hz]	0	Digital		
Channel Type	D-Digital	Contact	9	
Transmit Power	Low	Radio ID	M6NBP Norman Brighton UK	
Band Width	12.5K	Color Code	1	
TX Permit	Same Color Code	Slot	Slot1	
Scan List	Simplex	Receive Group List	None	
APRS Report Type	Digital	Digital Encryption	Off	
Analog APRS PTT Mode	End Of Transmission	AES Digital Encryption	Off	
Digital APRS PTT Mode	On	Multiple Key	Off	
Digital APRS Report Channel	1	Random Key	Off	
Exclude channel from roaming	off	SMS Forbid	Off	
DMR MODE	Simplex	<input type="checkbox"/> Call Confirmation	<input type="checkbox"/> Ranging	
		<input type="checkbox"/> Slot Suit	<input type="checkbox"/> SMS Confirmation	

Digi APRS RX

APRS report Type – Digital

Digital APRS PTT Mode – On

Digital APRS Report Channel – 1 (Remember this for the next section)

## 2. Now we need to setup the Digital APRS

We have set the channels to use No 1

The APRS TG I have set to 234999 and that is the UK Brandmeister APRS

Call Type we should always use Private

If the radio is only used for non Ham Radio activity like mountain rescue.

You can swap out the 234999 for your own number.

Digital

No.	Report Channel	Report Slot	APRS TG	Call Type
1	Current Channel ▼	Channel Slot ▼	234999	Private Call ▼
2	Current Channel ▼	Channel Slot ▼	5057	Private Call ▼
3	Current Channel ▼	Channel Slot ▼	0	Private Call ▼
4	Current Channel ▼	Channel Slot ▼	0	Private Call ▼
5	Current Channel ▼	Channel Slot ▼	0	Private Call ▼
6	Current Channel ▼	Channel Slot ▼	0	Private Call ▼
7	Current Channel ▼	Channel Slot ▼	0	Private Call ▼
8	Current Channel ▼	Channel Slot ▼	0	Private Call ▼

Repeater Activation Delay [ms] Off ▼

Each radio has to have the same settings as above.

## 3. This next section you can setup to what is best for your needs.

Manual TX Intervals[s]	30 ▼
APRS Auto TX Intervals[s]	60 ▼
Support For Roaming	Off ▼
Fixed Location Beacon	Off ▼

Remember to save the codeplug and send it to the radio.

<http://tiny.cc/AnytoneDMR>

**4. Now how to use.**

Turn the radio to channel you wish to use and now you can RX radios sending out GPS locations and it will be displayed on your radio.

If your GPS is turned **OFF**. All you get is the Lat and Long



If GPS is turned **ON**. You get direction and distance.



When your GPS is turned on, you will also send out your info when you have ended a PTT or at the times you setup in step 3.

**Note.**

At this time while you use the below settings in each channel as outlined in Step 1 -

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Ranging

**The following will not work -**

SMS messages to your radio.

Measure Period

Get GPS Info

I have asked Anyone to look into this and find a fix.

You might want to look at this document as well - [Ranging](#)

<http://tiny.cc/AnyoneDMR>