Anytone encryption to Motorola / Hytera

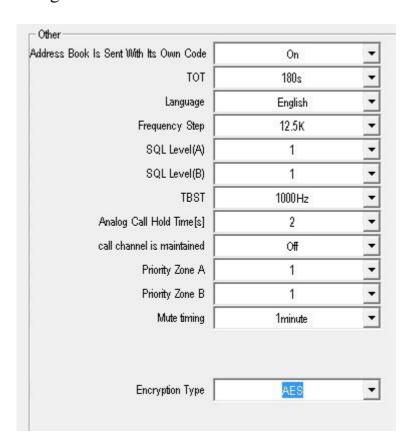
Read this first

 $\underline{https://hamradiosouthernrepeaters.co.uk/images/878 Mods/878 techmods.html \# Encryption}$

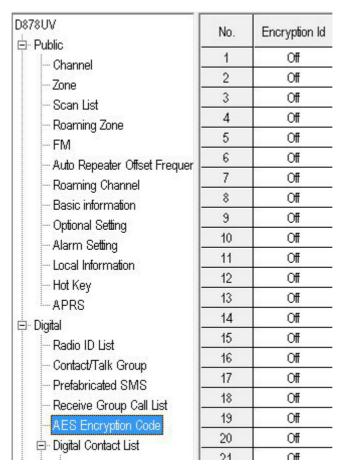
If you want a Motorola and an Anytone work together on an encrypted channel, you have to set both radios to AES256 (open standard) and of cause let them use the same key. The Anytones all support that with their actual firmware, but not every Motorola does.

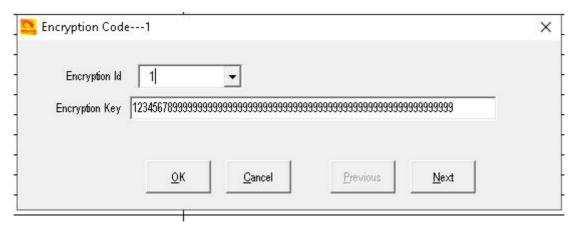
878 & 578 Anytone settings (Not offered on 868)

First set Encryption Type to AES CPS – Optional Setting – Other



Second set Key AES Encryption Code





Take note of Encryption ID number you have allocated = 1 We will use this ID in the next step

Encryption Key will be the same you use in Anytone, Motorola or Hytera

Be aware, that both radios fill the key with leading zeros, if the key is shorter than maximum. Motorola doesn't show them, the AnyTone CPS does. But they work together anyway.

If security REALLY matters, please realize, that SMS and transmitted GPS data will be sent without encryption

Channel Settings



AES Digital Encryption - you will see is set to 1 as we used that in the step above. If Encryption ID was 2 you would set 2 in the channel etc

Thanks to Markus Große-Schware for help on this

http://tiny.cc/Anytone-DMR