

$Kr\gamma\rho\tauo1000~{}_{\rm and}$ DIGITAL PRIVATE MOBILE RADIO

(dPMR) (aka dPMR446)

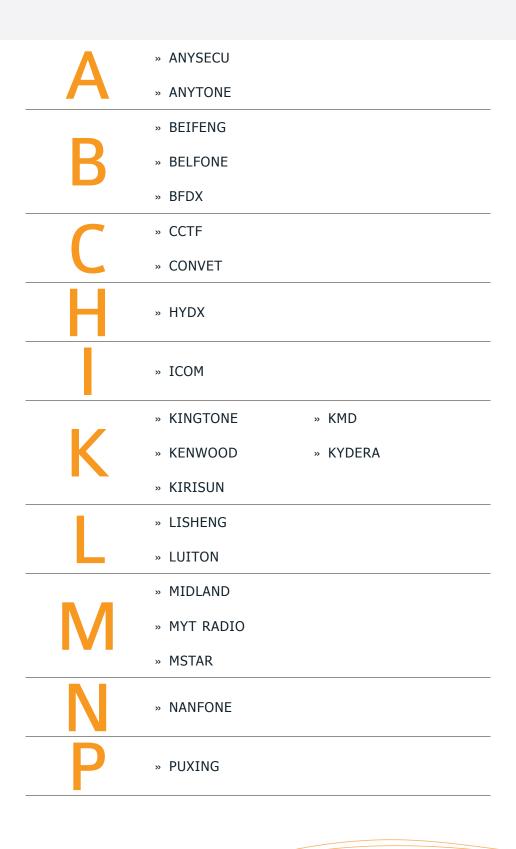


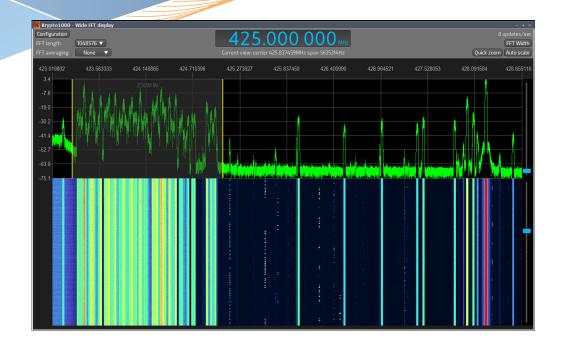
dPMR or digital private mobile radio, is a Common Air Interface (CAI) for digital mobile communications. dPMR is an open, non-proprietary standard that was developed by the European Telecommunications Standards Institute (ETSI) and published under the reference ETSI TS 102 658, with a simplified version of the dPMR protocol intended for license-free applications published by ETSI under the reference TS 102 490.

dPMR uses a 4800 bps FDMA vocoder and efficient 6.25 kHz channels with nil co-channel interference.

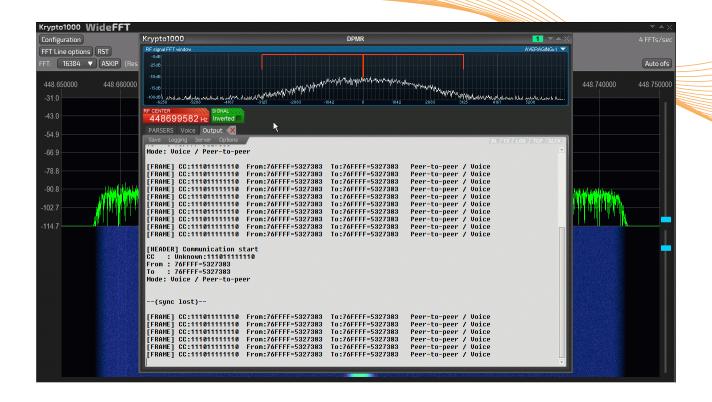
Krypto1000 and its Control Center allow for full prosecution of data, control and the vocoder carried in digital voice channels of numerous DMR systems and more importantly, in variants of their standards.

For the dPMR (dPMR446) standard, all of the following manufacturers and variants are supported:









ENCRYPTION in DMR, TMR, PMR and LMR systems

Among the many formats in use on the various Digital, Private, Trunked and Land Mobile Radio systems the following are the most common:

- » Basic (Privacy)
- » Enhanced (40-bit ADP)
- » ARC4
- » DES and Triple DES
- » AES 128-bit and AES 256-bit
- » ** DES-OFB (P25 DES)
- » ** DVI-XL
- » ** DVP-XL

All of the above solutions to encrypted voice used in digital mobile systems are available for use with Krypto1000.

Items marked with *** - please consult with COMINT Consulting first.

HAVE A QUESTION?



We are here to help. And the best thing of all - we will give you an honest and responsible answer to your questions. Contact us today at info@comintconsulting.com!

Krypto1000 is controlled by the US International Traffic in Arms Regulations (ITAR) 22 CFR §120-130. It may not be exported or transferred to any other foreign person, foreign country or foreign entity without prior written approval from the U.S. Department of State and COMINT Consulting LLC.

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