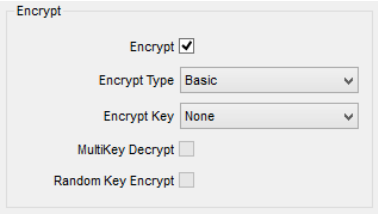
ENCRYPTION & HYTERA TERMINALS

ENCRYPTION TYPE	ALGORITHM	DESCRIPTION
Basic Encryption 	Hytera Proprietary	This is comparable to analog voice scrambling and offers minimal security. *Included with specific terminals*
Full Encryption (40-Bit) 	ARC4	When used with a key length of 10 characters (40-bit), is fully DMRA compatible with other manufactures such as Motorola. This offers increased security over basic encryption, but is not to be considered fully secure. *Included with specific terminals running firmware v6.01 or higher*
Full Encryption (256-Bit) 	AES (DMRA) or Hytera Proprietary Please specify license when ordering: P/N: SW00017-DMRA AES256 P/N: SW00017-HYTERA ENCR *Only (1) license may be installed within the radio at any given time.*	This is available with *optional license* which will allow the use of either encryption algorithms. When used with the maximum of (30) 64 Character keys and the use of “Random Key Encrypt”, will offer the highest level of security. With each PTT, the terminal will select a random key from your list of (30) keys and use that key for that transmission and continue to randomize with every PTT. This is considered to be the most secure method of encryption available.

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