



- **AES-256 Encryption: Voice, Data and Position**
- **GPS & GLONASS Support**
- **600 – 2400 bps Automatic Digital Voice Rates**
- **STANAG 4538 Modem**
- **V/UHF & HF & Transceiver Compatible (SSB & FM)**
- **TWELP Vocoder - High Voice Clarity**
- **Ethernet Interface**
- **Inbuilt Loudspeaker**
- **6-36V DC vehicle power**

The Barrett Voice and Position Encrypters are high performance, digital, secure voice modems. They are suitable for first responders, security agencies, governmental and paramilitary users with voice privacy and asset tracking. Easily integrating with all VHF, UHF and HF radio transceivers via the audio or accessory interface, the units are suitable for use with base station and vehicular radio installations.

Security

The built-in AES encryption means that all communications are secured by a trusted algorithm. Switching between Secure Digital Voice (SDV) and analogue voice (analogue SSB or FM) transmission is done by simply pressing the PLAIN / SECURE button (lock symbol). Key index selection is made via keypad.

Tracking

The In-line voice and position encrypters can be configured to send out periodic position reports. These are designed to be received by a PC running Barrett's TAC Command software (purchased separately). TAC Command can also be used to pull positions from voice and position encrypter units, if so configured.

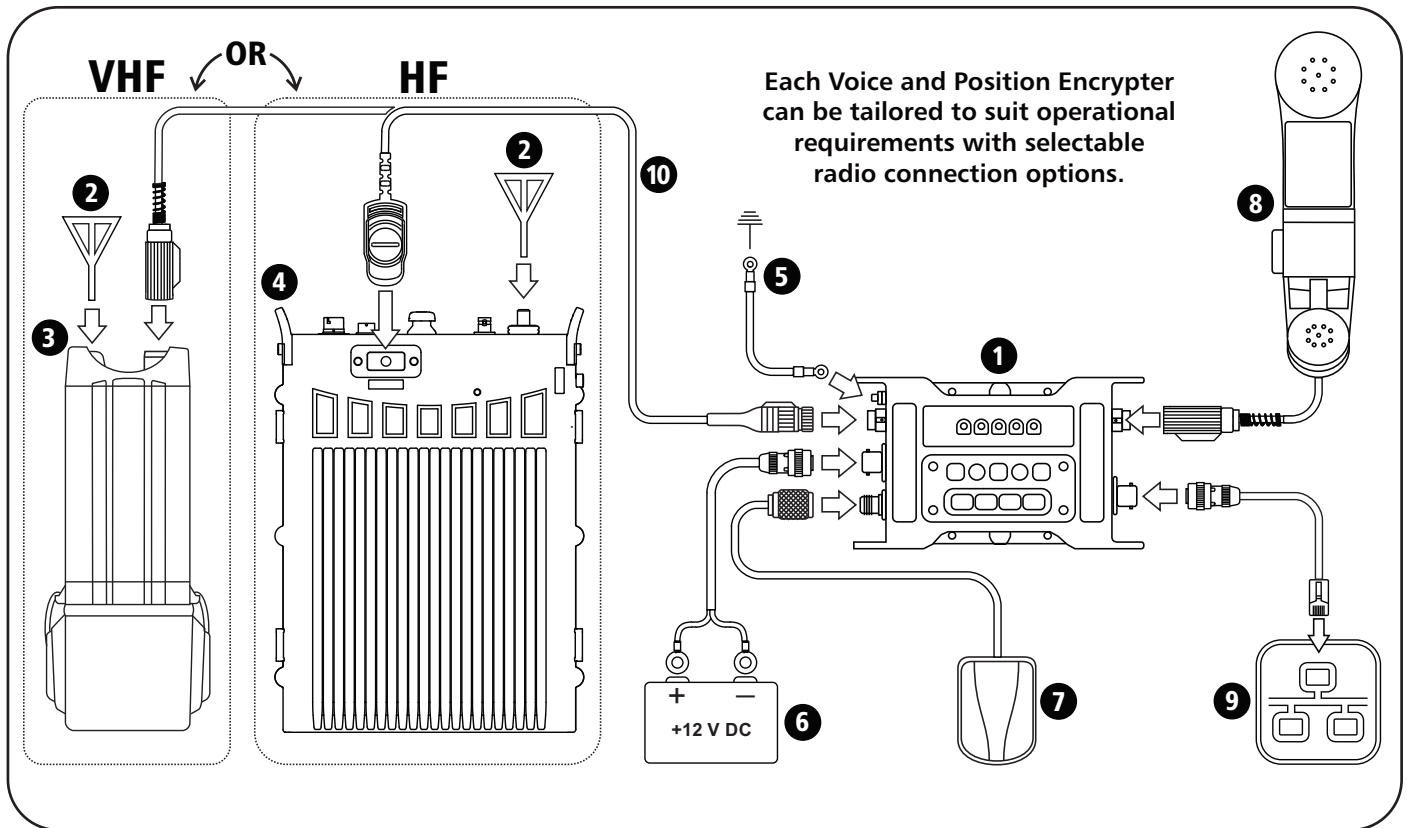
Versatility

As connection is external to a transceiver, rather than being internal fit, Voice and Position encrypters can easily be transferred from one transceiver to another without the requirement of re-loading security keys. This allows operators in the field to easily adapt to use between multiple transceivers.

Modem

The Barrett Voice and Position Encrypters have a built-in STANAG 4538 modem for Automatic Link Set-up, 3G ALE, and error-free packet data transfers. The unit can be set-up to run in robust BLOS (HF) mode. The result is significantly extended range and increased data throughput.

Example Set-up Scenario (HF & VHF)



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|-------------------------------------|-------------------|--|
| 1 Voice and Position Encryter | 5 Earth (ground) | 9 Network |
| 2 Antenna | 6 DC Power source | 10 Radio Cable - termination chosen at time of order |
| 3 PRC-2080 VHF Tactical Transceiver | 7 GPS receiver | |
| 4 PRC-4090 HF Tactical Transceiver | 8 H250 Handset | |

Specifications

Standards	MIL-STD 810F Humidity, Shock, Vibration, Dust, Immersion MIL-STD 461, IEC/EN 60950
Power	6 - 36V DC
Temperature	Operating -40 to +60°C Storage -55 to +85°C
Dimensions	163 x 96 x 41mm (w x d x h)
Weight	800g
Speaker	2 x 4W 8 Ohm internal

Available as: HF Part No:

2067-10-60	Barrett 2067 HF Vehicular/Base Voice and Position Encryter (Black)
2067-10-70	Barrett PRC-2067 HF Tactical Vehicular/Base Voice and Position Encryter (NATO Green)

VHF Part No:

2069-10-60	Barrett 2069 VHF Vehicular/Base Voice and Position Encryter (Black)
2069-10-70	Barrett PRC-2069 VHF Tactical Vehicular/Base Voice and Position Encryter (NATO Green)