- **AES-256 Encryption: Voice & Position Transmissions**

- **Built-in GPS & GLONASS Positioning**

- **600 – 2400 bps Automatic Digital Voice Rates**

- **V/UHF & HF Transceiver Compatible (SSB & FM)**

- **TWELP Vocoder - High Voice Clarity**

- **Automatic Clear Voice Reception (FM/SSB)**

The Barrett range of In-Line Voice and Position Encryptors are high performance, digital, in-line secure voice modems with built-in GPS. 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 hand-held, man-pack and vehicular radio equipment.

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 they connect externally to a transceiver, rather than being internal fit, the In-line 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.

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ISO 9001
BUREAU VERITAS
Certification

BUREAU VERITAS
1828

BARRETT

Key Fill

99 different user selectable cryptographic keys. New key sets can be generated via Key Management Software and loaded via Configuration Load software which runs on a MS Windows tablet/laptop. Key Fill and configuration via a Bluetooth interface.

Modem

High performance serial tone HF and V/UHF modem (Beyond Line of Sight [BLoS] compatible) featuring adaptive equalization. Dedicated digital voice waveform HF-1T.

Specifications

Standards	MIL-STD 810F Humidity, Shock, IP67 Immersion
	MIL-STD 461, IEC/EN 60950
Power	4.5 - 18V DC (provided by transceiver)
Temperature	Operating -40 to +65°C
	Storage -40 to +85°C
Dimensions	165 x 96 x 37mm (w x d x h)
Weight	170g (excluding handset and cables)
Speaker	2 x 4W 8 Ohm internal waterproof

Each In-line Voice and Position Encrypter can be tailored to suit operational requirements with selectable speaker and radio connection options:
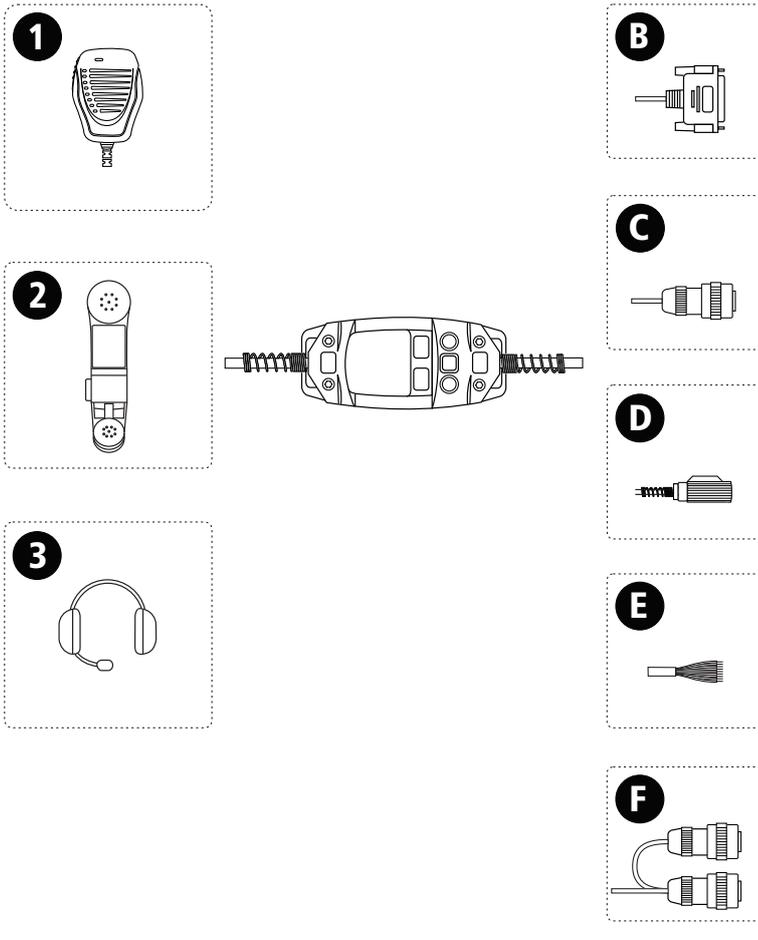
1. Speaker Microphone

2. H250 Handset

3. Headset with microphone

A. Hotshoe connector for connection to a 4090/PRC-4090 HF Transceiver

B. DB-25 connector for connection to a 4050 HF SDR Transceiver

C. Mil Connector for connection to a 2090/PRC-2090 Transceiver

D. H250 Connector for connection with a 2080+ VHF Manpack Transceiver

E. Unterminated connection

F. Dual Mil-connectors for connection to a 2082+/2084+ VHF Vehicle or Base Station setup

Available as:

HF Part No:

BC206600	Barrett 2066 HF In-line Voice and Position Encrypter (Black)
2066-00-01	Barrett PRC-2066 HF Tactical In-line Voice and Position Encrypter (NATO Green)

VHF Part No:

BC206800	Barrett 2068 VHF In-line Voice and Position Encrypter (Black)
2068-00-01	Barrett PRC-2068 VHF Tactical In-line Voice and Position Encrypter (NATO Green)