



GIBRALTAR STOCKHOLDINGS LTD

Agents for
Toyota Motor Europe NV/SA

“ TGS has been an authorised dealer and approved installation specialist for Codan Radio Communications for over 20 years. ”



envoy
SMART RADIO SERIES

Introducing the Codan Envoy Smart Radio Series from Codan Radio Communications. This series is a replacement product for the NGT Series, but also represents a major step forward in HF technology.

The Codan Envoy smart radio series are the most intuitive, reliable and advanced radios Codan has ever produced. Envoy's clear and dependable High Frequency (HF) digital voice and data communications means you have confidence to communicate anywhere and anytime without the need for existing infrastructure.

A true software-defined radio (SDR), Envoy delivers new capabilities to the radio through software upgrades so you'll always have access to tomorrow's features today. No matter what your communication scenario, Codan has you covered with Envoy's scalable mobile and base station solutions - all in an affordable platform.

Good to know

- The Envoy Series is compatible with the NGT Series and it's accessories
- Envoy represents a major upgrade and improvement to the NGT Series
- Usability of the Envoy Series is similar to a modern smartphone
- Clear and reliable long range analog and digital communications
- IP/Ethernet/USB connectivity
- Intuitive colour, multi-lingual graphical user interface
- Long range communications capability (up to 3,000km)

With Digital Voice. Hearing is believing.

Envoy Series

With Ethernet and USB connectivity, a large high-resolution colour display and multi-language user interface combined with Codan performance, reliability and support, the Envoy smart radio is breaking new ground for HF communications.

MOBILE SYSTEM

The Envoy is easy to install in a vehicle, with a space-saving design that enables you to conveniently mount the handset and RF unit separately. Envoy's large colour screen and intuitive interface gives you the optimal viewing and user experience when on the move. This is combined with Codan's auto-tuning antenna solution for the best coverage and fast tuning.

BASE STATION

The Envoy HF Base System has a purpose-built smart desktop console that gives you maximum operational flexibility and full remote control capability of all HF radios on your network. With capability for plug-in accessories also available.



Software defined radio

Envoy's software-defined architecture enables you to download and upgrade new capabilities through software to ensure your investment is future-proof.



Smart interface

With an icon-based full-colour user interface, USB SmartLoader and intuitive programming, Envoy is easy to operate and minimises the need for training.



Internet Protocol (IP) capable

Envoy is the only IP capable and wireless network interoperable HF radio of its kind, so you can remotely program an Envoy from your desktop from anywhere in the world.



Multi-language support

With the ability to support an unlimited number of additional languages, Envoy provides you with a customisable communications solution no matter where you operate.



Embedded software modem

Through the fully embedded software modem, Envoy provides advanced internal features such as high-speed data, email and chat messaging for a cost-effective solution.

Comparisons (NGT vs Envoy)

Description	NGT	Envoy
Scalable SDR topology for evolving standards	✗	✓
High resolution colour graphical user interface	✗	✓
Multi-language support (Spanish, others by request)	✗	✓
Integrated Codan data modem (Email, Chat capability)	✗	✓
USB and ethernet (IP) connectivity	✗	✓
Ease of programming via PC tool	✓	✓
Market leading RF performance	✓	✓
3G - Third generation (STANAG 4538) waveform capable	✗	Future
Integrated MIL-STD-188-110A/B modem capable	✗	Future

3040 Automatic Whip Antenna

The 3040 Automatic Whip Antenna is a low profile, high performance alternative to the highly successful 9350, providing a mobile antenna solution for all models of Codan high frequency radios.

The combination of lightning fast tuning, compact form factor, and rugged construction all contribute to provide a state of the art mobile antenna tuner product.

Good to know

- 2 to 30 MHz
- 125 W PEP
- Fast tuning 1 sec average
- Memory tune <150 ms
- Supports ALE and Frequency Hopping modes
- Integral Active Wideband Receiver Amplifier for scanning
- MIL-STD-810F (Temperature, Immersion, Vibration, Dust)
- Designed to MIL-STD-461



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