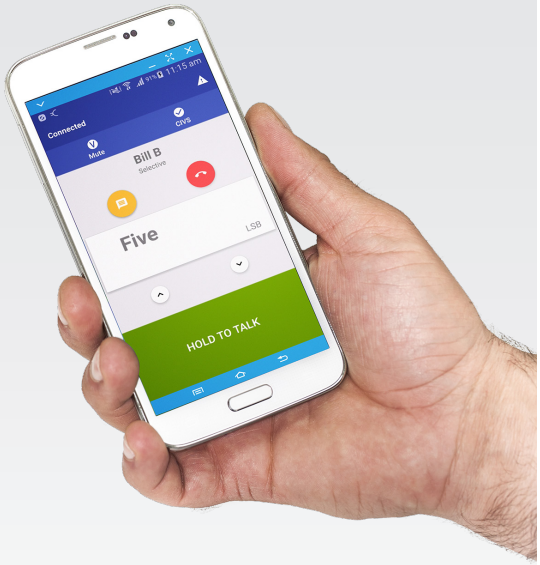
CODAN
RADIO COMMUNICATIONS

CODAN XTEND SMARTPHONE APP

FEATURES AT A GLANCE



- Simple remote radio control
- Up to four control points per radio
- Voice communications
- Easy to use messaging format
- Multi language support for messaging
- Google maps integration
- Voice Encryption control
- Call types supported
  - Selective voice
  - Messages
  - Channel test
  - Emergency
  - Get/Send Position
  - Phone
  - Convoy and 3G ALE SMS
  - Convoy web message

Codan's XTEND app allows you to operate your Codan Envoy radio via your smartphone or tablet.

The XTEND app enables the user to operate the connected radio in all commonly used voice modes and also for text based messaging. Remote GPS position data received from other HF stations may also be quickly and easily displayed on the smartphone Google maps application.

EASE OF USE

With the combination of a carefully designed UI running on a familiar smartphone format the XTEND app is intuitive to use and requires little to no training , simplifying HF communications.

MESSAGE THREADS

Text messages are displayed in an easy to read thread format, with the ability to send GPS position and quickly resend undelivered messages if needed. All Codan message call types, including Convoy web message/SMS and 3G ALE SMS are supported through the XTEND application.

GOOGLE MAPS INTEGRATION

Online access to Google maps is supported if the device using XTEND has internet access. XTEND has the ability to support a cached version of Google maps if the Internet or cellular coverage is not available. XTEND can receive HF asset GPS position calls and emergency calls and quickly translate the GPS position to Google maps, providing quick and accurate positional awareness.

ACCESS CONTROL

If the Codan radio connected to XTEND requires a user PIN, XTEND will be controlled using the same PIN. This provides a valuable level of access control in addition to the standard Wi-FI network password protection.

VOICE ENCRYPTION CONTROL

Using XTEND, the voice encryption mode can be toggled ON/OFF without the need to use the radio handset or console. The vocoder rate of digital voice encryption can also be set within XTEND.

RUNS IN THE BACKGROUND

When minimised, XTEND will continue to monitor incoming calls or messages in the background and will notify the user of any incoming HF calls in the same way the phone notifies of a regular cellular call and message.

12-20351-EN Issue 1 01/2018

CODAN XTEND SMARTPHONE APP

HANDS FREE MODE

Radio PTT on the app can be configured to operate for “Hold-to-talk” or “Toggle” mode depending on user preference. XTEND supports the PPT function on the Sonim XP7.

AUTO CONNECT

The XTEND app will automatically connect to an RFU, when in WiFi range. If there are multiple RFU’s in range then the app will automatically display these in a list for easy selection.

GENERAL SPECIFICATIONS

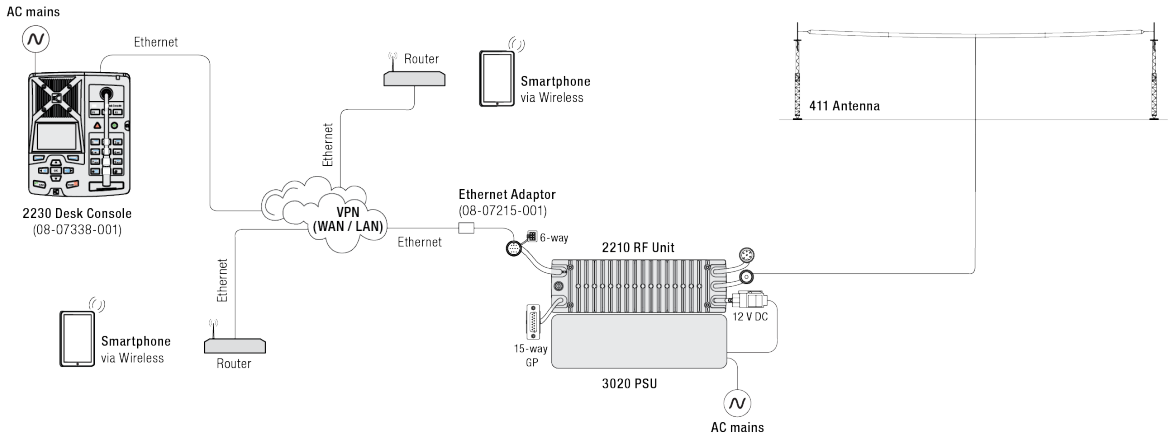
Radio compatibility	Codan Envoy X1 & X2 with option 15-10622 enabled
Radio firmware requirements	Version 2.01 onwards
Smartphone compatibility	Android Operating System Version 4.4 and above
Smartphone minimum screen size	4” or greater recommended

App tested on: Samsung; A5, S4 mini, S4, Galaxy S6 Active, Galaxy S7 Duos, Sonim XP7, Google Pixel, HTC10, Huawei Mediapad T1, Lenovo Tab 2 A10-70, LG V20, Sony Xperia Z1 compact, Xiaomi Mi 5

CONFIGURATIONS

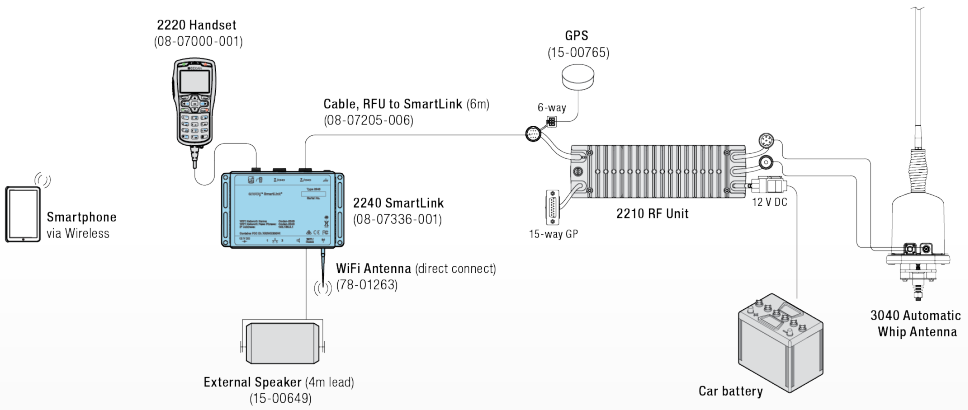
Base

Typical Codan Envoy HF base system where the 2230 Desk Console is connected via an IP network to the remote RFU / Antenna location.



Mobile

Typical Codan Envoy vehicle system where a 2240 Smartlink is used to provide a Wi-Fi access point for the smartphone device running the app.



CODAN RADIO COMMUNICATIONS

Australia: +61 8 8305 0528 ▪ **US:** +1 571 919 6432

Canada: +1 250 382 8268 ▪ **UAE:** +971 44 53 72 01

www.codanradio.com **HFsales@codanradio.com**

12-20351-EN Issue 1 01/2018