



KEY FEATURES

- HF to V/UHF patching
- Programmable Voice Prompts
- DTMF control of HF radio
- Digital/Analogue voice capable
- Lone worker mode
- USB configuration
- Low current draw
- Ideal for mobile installations
- Easy to install

The Codan 3032 Radio Crosspatch provides a full featured but cost effective solution for joining Codan HF and third party V/UHF radios, with focus on ease of use and a design that is optimised for mobile deployments.

The 3032 crosspatch enables you to capitalise on the portability of conventional V/UHF communications while overcoming inherent line of sight range limitation by linking it seamlessly with long range HF.

FULLY FEATURED

The 3032 has been designed to ensure that many of the features and benefits of Codan HF radio technology can be extended to your V/UHF networks. The 3032 will support simple fixed channel voice operation between networks right through to full selective call based operation in both analogue and secure digital HF voice modes.

If there is a Codan 3033 Telephone Interconnect base station within the HF network it is also possible to make and receive phone calls to and from the fielded V/UHF radios, via the 3032 Crosspatch equipped station.

A Man Down or emergency capability has also been incorporated that simply requires successive PTT's on the V/UHF radio to invoke a user configurable response from the HF radio e.g. send GPS position, page call or Emergency call.

An additional capability to pre-configure the system with automatically generated and customised voice alerts, can be used to ensure the safety of lone workers. If the voice challenge request is not responded to by the lone worker within a configured time limit, an emergency call will be made via HF.

EASY TO OPERATE

The combination of DTMF code support and user programmable voice annunciations means that full control and awareness of the HF radio network can be extended right down to the remote V/UHF user.

CONFIGURATION

Unlike many similar crosspatch products the 3032 is fully configurable via software means via the USB interface.

GATEWAY

3032 CROSSPATCH



SPECIFICATIONS

MAIN UNIT

Radio interfaces	2 x HD-DB15 male connectors
V/UHF radio interface	DTMF Decoder, RS-232, 600 ohm balanced audio TX/RX, PTT, Busy in
HF radio interface	Codan proprietary – supports Codan Envoy, Sentry and 2110 transceivers
Programming port	Mini USB
Programming software	Embedded on device
Input voltage range	11 to 16 V DC operating range
Operating temperature	-20°C to +60°C
Relative humidity	95% non-condensing
Size	84 mm(W) x 28.5 mm (H) x 105 mm (L)
Weight	220 grams

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

ACCESSORIES

- **Mounting cradle:** Clamp cradle with fastener kit to secure 3032 unit
- **Codan HF radio interface cables:** Interface cables to suit Envoy, 2110 Manpack, and Sentry-H
- **3rd Party V/UHF radio interface cables:** Available on request
- **USB programming cable:** USB-A to mini USB, 1m

