



RADIO COMMUNICATIONS

Sentry-H™ Transceiver



Operator Guide

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The English version takes precedence over any translated versions.

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1

Introduction

Congratulations on choosing a Codan Sentry-H transceiver to meet your HF communications needs. You can expect many years of reliable high performance, and if ever assistance is required, Codan's world-class after-sales support team is ready to help. Please read this guide thoroughly and retain it for future reference. There is an index at the end of this guide to assist you in finding information.

Overview of this guide

This guide provides instructions on how to connect up your Sentry-H transceiver, and how to perform basic setup and operating tasks. It assumes that you have limited knowledge of HF communication and of using an HF transceiver.

Extensive reference material is provided on the CD at the back of this guide.

NOTE: A range of options and accessories is available for the Sentry-H transceiver. For more information contact your Codan representative or refer to the product catalogue that is applicable to your transceiver.

This guide contains the following sections:

Introduction—provides an overview of the components of the transceiver system

Using the wizard—describes the steps in the wizard that are used to set up the transceiver

Operating the transceiver—describes how to operate the transceiver and how to make calls

Adding a contact—describes how to add a contact

Navigating the menu structure—describes how to navigate the menu structure and perform basic selection and editing functions

Structure of information—describes the building blocks of information in the transceiver

Installing the transceiver—describes how to mount and connect the transceiver in mobile and fixed stations

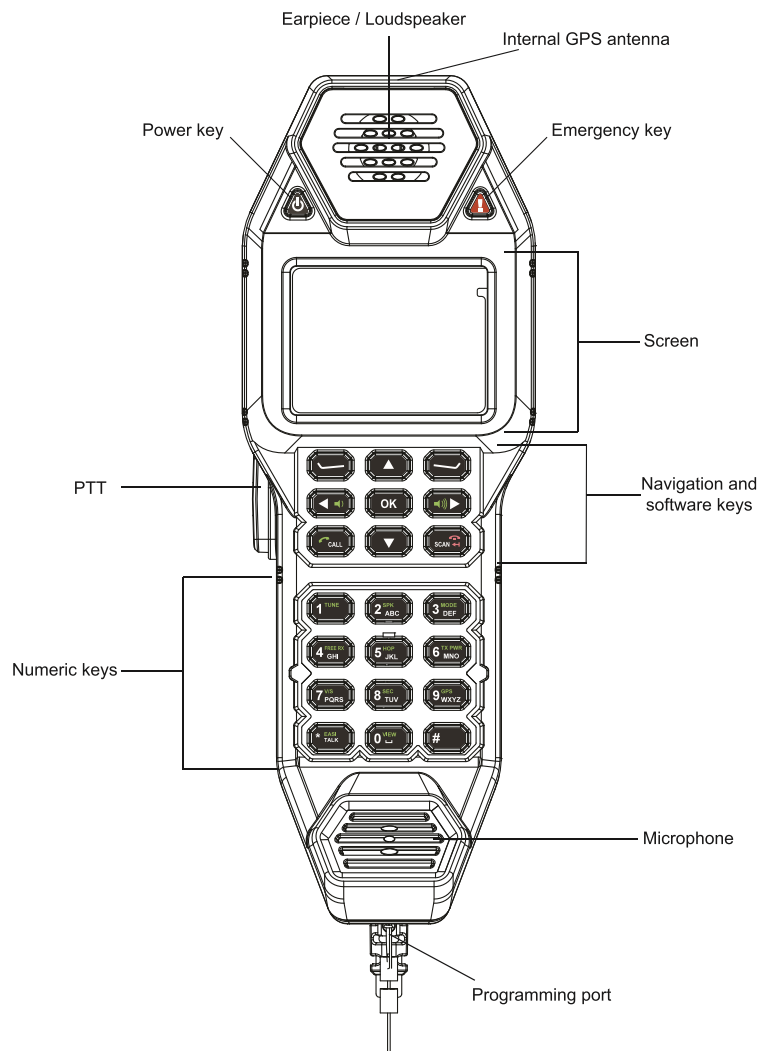
Specifications—provides a list of specifications for the transceiver

Compliance—provides mandatory compliance information

The 2320 Handset

The 2320 Handset is a control point for the Sentry-H transceiver. The user interface provides an icon-based menu structure for easy setup and operation of the transceiver.

Figure 1: 2320 Handset



The 2320 Handset is a hand-held device that has a microphone, a PTT button, a screen, navigation keys, numeric keys, an internal GPS receiver with an antenna, and a speaker that can switch between earpiece and loudspeaker modes. The keypad enables you to control and configure the transceiver system via the user interface. The handset connects to the RFU via an integrated interface cable.

NOTE: The 2320 Handset is used to adjust the volume and the mute state of the H-250 accessory (handset or speaker) if available.

The 2320 Handset is shipped from the factory with standard functions pre-programmed to specific keys. The standard function is written on the key in **GREEN** text. New user-defined functions may be assigned to most of the keys.

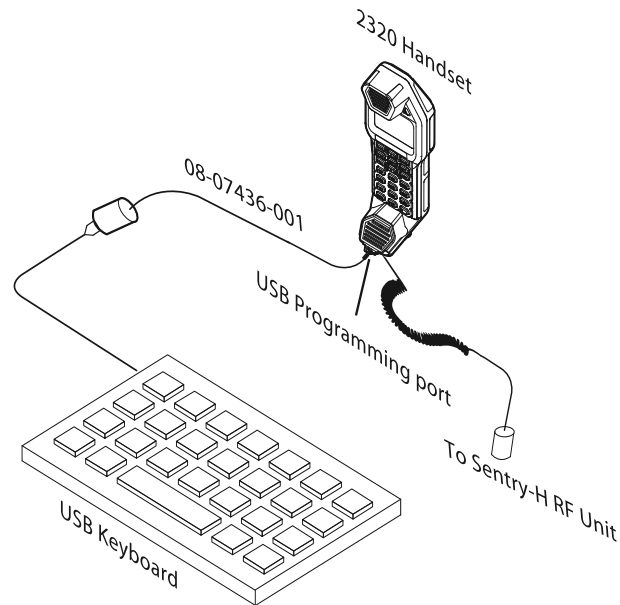
Related links:

[*Navigating the menu structure on page 131*](#)

USB Keyboard support

A USB keyboard may be connected to the 2320 handset to control the Sentry-H transceiver as well as type/edit text.

Figure 2: USB keyboard connected to the 2320 Handset



All the keys available on the control point's keypad can be accessed from the USB keyboard. The USB keyboard provides more functions for text editing.

Table 1: Function keys of the USB keyboard





Key	Function
F1	 Left Software key
F2	 Right Software key
F3	CALL key
F4	SCAN key
F9	 Emergency key



Table 1: Function keys of the USB keyboard (cont.)

Key	Function
F10	 Power key
Space	When in editing mode, inserts a space When not in editing mode, acts as the PTT button
Ctrl + A	Selects all text in the focused field
Ctrl + C	Copies the selected text
Ctrl + X	Cuts the selected text
Ctrl + V	Pastes the copied text
Shift + ←	Selects the character on the left side of the cursor
Shift + →	Selects the character on the right side of the cursor
Ctrl + Y	Redo
Ctrl + Z	Undo
Enter	Sends the message when applicable, otherwise inserts a new line if allowed
Ctrl + Enter	Inserts a new line if allowed
Ctrl + Shift	Opens the Select Input Language Screen when applicable
Alt + *	Opens the special characters popup when applicable

NOTE: With a USB keyboard, you can input text in any supported language except Chinese, provided the corresponding language option is installed. You may switch to different input language by pressing **Ctrl + Shift** on the USB keyboard.

Standards and icons

The following standards and icons are used:

This typeface...	Means...
<i>Italic</i>	text requiring emphasis, or variable information
Bold	a menu, submenu, tab, entry, a value in the user interface of the control point, a key on a USB computer keyboard, or a key that you press on the control point
	the user interface of the control point must be at admin level to perform the task
	the user interface of the control point must be in advanced view to perform the task
NOTE:	the text may be of interest to you
CAUTION:	proceed with caution as your actions may lead to loss of data, privacy or signal quality
WARNING:	your actions may cause harm to yourself or the equipment

2

Using the wizard

This section contains the following topics:

- *Overview of the wizard on page 10*
- *Starting the wizard on page 12*
- *Selecting a language on page 13*
- *Setting the time and date on page 13*
- *Adding a channel on page 14*
- *Entering a self address on page 16*
- *Adding a contact on page 17*
- *Selecting an antenna on page 22*
- *Selecting a peripheral device on page 22*

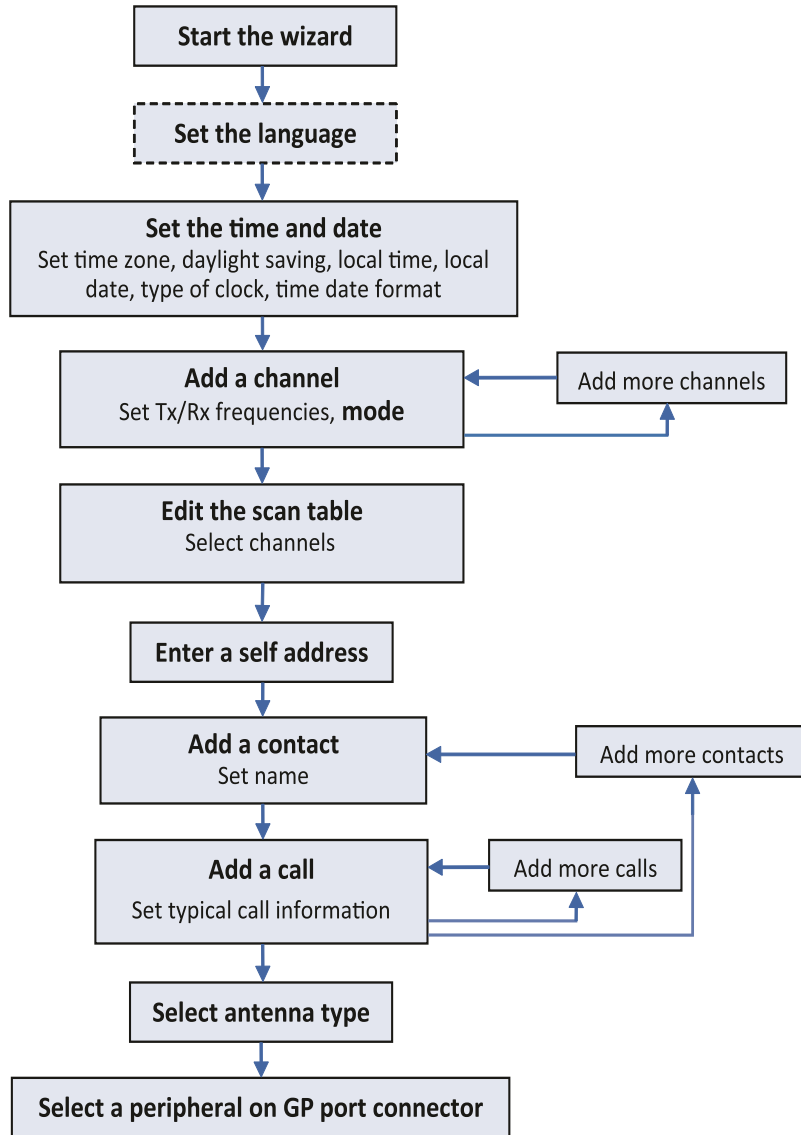
Overview of the wizard

The wizard is available if the transceiver:

- has not been programmed with a profile
- has a basic profile that has the same self address for each of the default HF networks: Selcall and CALM
- has one scan table

The wizard steps you through setting up information in the transceiver so that it may be operated at a basic level.

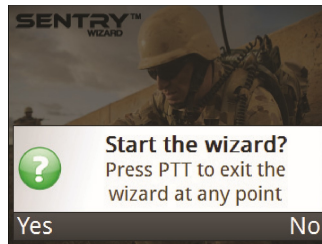
Figure 3: Steps in the wizard



Starting the wizard

The wizard should start automatically when a new transceiver is powered up for the first time.

Figure 4: Wizard Startup screen






NOTE: If the wizard screen doesn't launch automatically, follow the instructions below. If your transceiver has been profiled using the TPS System Programmer, the wizard may not be available.

NOTE: For information on specific entries in the wizard, please see the Reference Manual (Codan part number 15-04188-EN Issue 1).

To use the wizard:

- Press PTT, then press  (**Menu**) to return to the top level of the menu structure.







- Highlight the icon for the wizard (🔮), then press  (**OK**).
If the icon is not visible, then the wizard is not available as the transceiver has been programmed already with a non-basic profile.
- Press  (**Yes**) to confirm that you want to start the wizard.
If you want to bypass the wizard, press  (**No**).

Selecting a language











NOTE: This step in the wizard is shown if you have multiple languages available.

To select a language:

- Press  or  to scroll to the language that you want to use on the control point, then press **OK**.
NOTE: The label above the  key appears in the selected language.
- Press  (**Save**) to save the information.

Setting the time and date

To set the time and date:

- Press  or  to select the time zone that you want to use.
- Press  to move to the **Daylight Saving** entry.
- Press  or  to select the time that you want to use.
- Press  to move to the **Local Time** entry.
- Press  to enter edit mode for the local time.
- Press  or  to scroll to the value that you want to set, then press  to move to the next item.