

# Codan NGT

## New Generation Transceiver

A simple solution for a complex world



*Codan's New Generation Transceiver (NGT) is small, smart and simple.*

- **Small**, user-friendly interface with address book and programmable hot keys
- **Smart** DSP system – *Easitalk* – providing clear communications
- **Simple** to use with Codan Automated Link Management – CALM

[www.codan.com.au](http://www.codan.com.au)





**A TRULY  
USER-FRIENDLY  
INTERFACE**

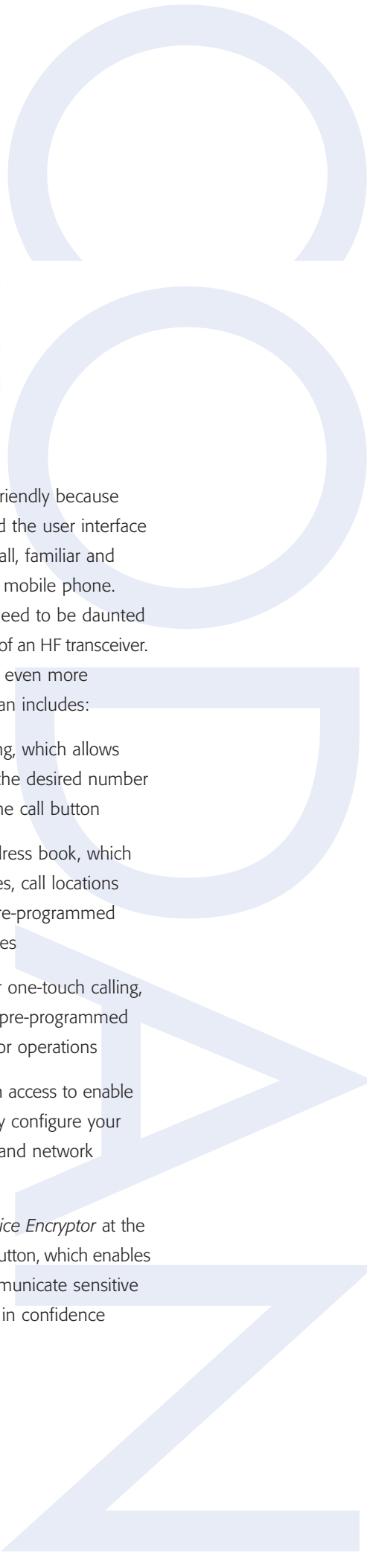
Codan radios will always provide you with the most innovative, reliable HF communications available, and the NGT is no exception.

When Codan began designing tools for the new century, we set about revolutionising HF communications to bring you a radio that is both intelligent and user-friendly.



The NGT is user-friendly because we have modelled the user interface on something small, familiar and approachable – a mobile phone. Users no longer need to be daunted by the complexity of an HF transceiver. To make the NGT even more user-friendly, Codan includes:

- Direct dialling, which allows you to dial the desired number and press the call button
- A smart address book, which stores names, call locations and even pre-programmed text messages
- Hot keys for one-touch calling, or initiating pre-programmed sequences or operations
- Menu-driven access to enable you to easily configure your equipment and network parameters
- A built-in *Voice Encryptor* at the touch of a button, which enables you to communicate sensitive information in confidence



# Smart

S M A R T

## INTELLIGENT DESIGN FOR THE NEW MILLENNIUM

The NGT is smart and simple to use because many operations are automatic, due to state of the art technology like CALM and *Easitalk*.



### CALM

An innovation so smart it will automatically select the most suitable radio channel for you – any time of the day or night. CALM develops a profile of channel characteristics over time, enabling it to select a suitable channel from the moment the radio is turned on.

As a fully compatible enhancement of the industry standard FED-STD-1045 ALE, CALM has many advantages including:

- 80% reduction in sounding activity
- A self-managing network
- Performance that is twice as fast as conventional ALE systems
- An automatic Listen Before Transmit capability, which avoids initiating a call on channels that are already occupied
- Virtual addressing that supports multiple services such as voice, fax, data and email

### *Easitalk*

A Codan noise reduction system designed to automatically give you clear and clean voice reception, eliminating concern for atmospheric conditions and electrical interference. Until now, noise reduction devices have come as complex add-ons that require you to fiddle constantly with knobs and switches, and their performance can be degraded depending on the user's language. *Easitalk* can deliver clean reception – regardless of language – at the press of a single button.



# Simple



## FLEXIBLE DESIGN TO SUIT YOUR CONFIGURATION

Whether you're a mobile user or an organisation, you'll find the NGT a breeze to install and manage. Mobile users can put the handset wherever it is convenient without consuming valuable space on the vehicle dashboard. And with the entire radio user interface in the palm of your hand, you have full control – even while driving.



Fixed station users can take advantage of the superior NGT desktop console. This integrates the handset, push-to-talk control, boom microphone, loud-speaker and four additional hot keys into a single convenient control point.

Organisations with large radio networks can tailor NGT operations to suit their needs by installing the same address book, hot keys and user configuration into every NGT unit.

Codan provides high power systems, suitable for both voice and data, as well as remote control capabilities enabling a range of installation options for base stations.

We've also made the NGT simpler to repair and manage, and it will work seamlessly with existing networks and a wide range of add-on equipment. Codan's product range serves all your remote communication needs – from basic voice transmission to email, the Internet, GPS, fax, data or telephone interconnection – all using cost-effective HF technology.

With the NGT you can access as many of these features as you need in mobile or fixed station configurations.

## A simple solution for a complex world

NGT®, CALM® and Easitalk® are registered trademarks of Codan Limited.



www.codan.com.au

### Head Office

Codan Limited ABN 77 007 590 605  
81 Graves Street  
Newton, South Australia 5074  
AUSTRALIA  
Telephone +61 8 8305 0311  
Facsimile +61 8 8305 0411  
asiasales@codan.com.au

### Marketing Offices

Codan (UK) Ltd  
Gostrey House  
Union Road  
Farnham, Surrey GU9 7PT  
UNITED KINGDOM  
Telephone +44 1252 717 272  
Facsimile +44 1252 717 337  
uksales@codan.com.au

Codan US, Inc.  
10660 Wakeman Court  
Manassas, VA 20110  
USA  
Telephone +1 703 361 2721  
Facsimile +1 703 361 3812  
ussales@codan.com.au

Codan Limited ABN 77 007 590 605  
105 Factory Road  
Oxley, Queensland 4075  
AUSTRALIA  
Telephone +61 7 3716 6333  
Facsimile +61 7 3716 6350