



get connected. anywhere.
HF RADIO COMMUNICATIONS

NGT AR Voice VENTURER PACK



Codan

It's what Australians
call their HF radios

Since 1959, Codan HF Radios have been regarded as the world's best in durability and quality. Codan has used its innovation and expertise to design the NGT Venturer Pack, which is in a class of its own for remote communications.

The NGT Venturer Pack provides peace of mind in every moment of your outback adventure. Whether you're checking in with friends and family or finding help in an emergency, you can depend on a Codan for clear and reliable communications.

We've also made the NGT easy to use with a smart address book and one-button shortcuts. It's like a mobile phone, but better because calls are entirely free over HF and you'll never be out of range.

NGT AR Voice Transceiver

Frequency Range

Transmit frequency range from 1.6 to 30 MHz and receive frequency range from 250 KHz to 30MHz.

Multiple Channels

The NGT Venturer Transceiver has a capacity for 400 channels.

Smart Monitoring

A variety of channels can be monitored while the radio is muted, and calls can be received on any of the channels being scanned.

Innovative Handset

With a familiar and user-friendly design, Codan has brought the NGT handset into the 21st century. Unlike other radios there's no need to feel apprehensive about using HF technology, because operating a Codan NGT will be familiar to anyone who uses a mobile phone.

Emergency Call

The NGT Venturer has an RFDS Emergency Calling Facility, which enables a distress signal to be sent to selected RFDS base stations. In addition to the RFDS Emergency Call, the NGT Venturer has an optional Emergency Call facility, which enables your radio address (selcall number) and GPS coordinates to be sent automatically if the radio is fitted with a GPS receiver and GPS is enabled.

Address Book

A built in address book just like you have on a mobile phone can store up to 200 addresses, which can be easily retrieved via the menu.

Easitalk for Noise Reduction

The NGT uses Digital Signal Processing techniques, which processes received audio signals to minimise the effects of interference and reduce noise.

Selective Calling (Selcall)

You can call a single station and only that will respond – no more listening to noise while waiting for a call. The transceiver will also signal that the message has been received.

Telephone Call

The transceiver is capable of making telephone calls via base stations equipped with a telephone interconnect.

Message Call

With a message call you can send or receive text messages of up to 64 characters; an external computer is not required.

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GPS Call

An optional GPS satellite receiver can be connected to the transceiver via the RS232 port, which enables the following functions:

- A live display of your current GPS position by latitude and longitude
- Transmission of your position to another unit
- The ability to request the position of another unit

Rugged Design

The NGT is constructed to withstand the severe environmental conditions usually experienced in some of the more remote areas of the Australian outback.

It meets or exceeds the shock and vibration requirements (MIL-STD-810) including salt spray resistance.

Service & Support

Codan customers are supported by our worldwide network of accredited service centres. Regular auditing and training by Codan technical staff ensure the best after sales service.

The Venturer Pack

Codan has bundled the essentials for outback communications into the NGT Venturer Pack, which includes an NGT radio, auto-tune antenna, mounting accessories and a big 3 year warranty.



9350 Mobile Antenna

Codan's worldclass 9350 Automatic Tuning Whip Antenna is designed for mobile operation. It is used with transceivers that have a large channel capacity including the NGT Venturer Pack.

Rugged Construction

The main antenna section is constructed of fibreglass reinforced nylon. This provides a weatherproof housing for the control and tuning devices fitted inside. The 9350 will also operate in a broad range of temperatures. It is mounted on an anti-vibration base that incorporates rubber mounts designed for travelling on unsealed roads or tracks.

Fast Tuning

Typically the 9350 only takes a few seconds to tune to any frequency. It will seek the optimum tuning point for all operating conditions – this ensures the best communications possible.

High Radiation Efficiency

The 9350 Antenna has a comparable high rate of radiation efficiency. It is rated for maximum voice of 125 watts PEP.

Continuous Tuning

The 9350 uses a microprocessor controlled stepper motor to provide continuous tuning to any required frequency over the transmit/receive operating range of 2-30 MHz.

Sensitive to Weak Signals

When in Scan or Free Tune Receiver mode, a broadband amplifier is activated. This enables the antenna to detect even the weakest signals over the entire frequency range.

Codan's 9350 is supplied with a 1.65 m stainless steel whip operating over the full frequency range of this antenna and 6 m control and RF cables to connect to the transceiver. Additional 8 m and 30 m extension cables are available if required.



Specifications

Frequency Range

Whip top
Transmit operation: 2–30 MHz
Receive-only (Scan mode/Free Tune Receiver mode):
250 kHz – 30 MHz

Power Rating

125 watts PEP (voice)

Power Consumption

Static: 150 mA
Tuning: 1A
(12 V DC nominal - supplied from the transceiver)

Input Impedance

50 ohms: VSWR typically 1.5:1

Temperature

–40 to +60°C

Tuning Speed

Typically 2 seconds

Size and Weight

Whip: 2.54 m; 5.8 kg

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