

NGT AR GPS and data (mobile) station

The NGT AR GPS and data (mobile) station integrates GPS and data capabilities into a single radio system.

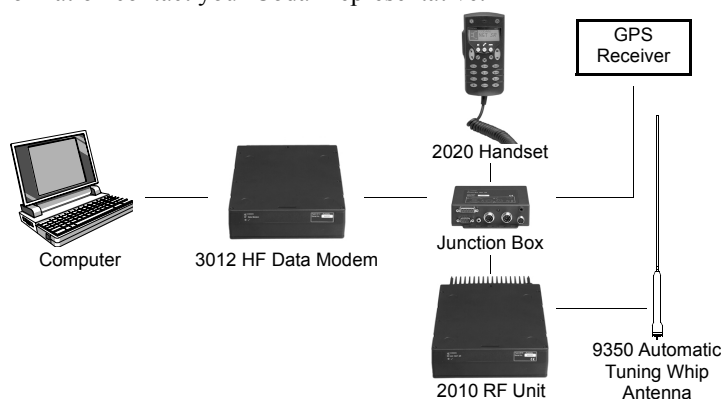
The station can be used to send and receive email between HF radio installations. It can also report or request GPS information from another HF station.

Its in-built selcall, Phone call, Message call, Emergency call and optional Codan Automated Link Management (CALM) capabilities can be used to improve the efficiency and reliability of a communications network. When used in conjunction with a tracking base station, it forms part of a complete fleet management system. Operators do not require any detailed knowledge of HF radio as the CALM system (optional) automatically selects the channel.

Features and benefits

- robust and reliable data communication
- error-free transmission of text and data at up to 6,000 bps
- extremely small transceiver, optimised for mobile installation
- user-friendly handset
- in-built CALM (optional) optimises system performance and is compatible with FED-STD-1045 Automatic Link Establishment (ALE)
- in-built speech processing (Easitalk)
- GPS position automatically included in Emergency call signal
- in-built selcall, Phone call, Message call, Emergency call, and over-the-air (OTA) diagnostics, configuration and disable capability
- transceiver and antenna meet MIL-STD-810E shock and vibration
- includes a 9350 Automatic Tuning Whip Antenna

For more information contact your Codan representative.



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Ordering information

Description	Part number	Comments
NGT AR mobile package	02-10232	includes: handset, RF unit, junction box, 9350 antenna, cables, mounting accessories and manuals
Fan	15-10469-000	fan for continuous duty cycle
Modem	08-05877-001	3012 HF data modem
Cable, data interface	08-05086-006	computer to modem data cable, 6 m
Cable, interface	08-05712-006	junction box to modem cable, 6 m
Cable, adaptor	08-05847-001	NGT adaptor for GPS and data modem
Mounting cradle	15-00136	NGT vehicle mounting cradle to be used for 3012 modem
GPS receiver	08-05632-001	Garmin GPS35 integrated GPS receiver/antenna; includes mounting accessories
Option GPS	15-10486	enable GPS capability
Cable	08-05363-003	GPS Interface cable

Optional features/equipment

Description	Part number	Comments
Option CALM	15-10479	fit CALM capability
NVIS	15-00323	NVIS kit for 9350 Antenna
UUPlus Email for HF Client	08-05980-001	single user remote email software for use with Codan HF modems
Option voice encryptor	15-10507-000	fit internal voice scrambling module in NGT with patented SAFE signal encryption technology
Cable	08-05845-001	in-car power cable for laptop; includes female lighter adapter
Computer	78-03010-002	laptop model

Upgrading existing systems

To upgrade your existing HF system to an NGT AR GPS and data (mobile) station, the equipment in your existing system must meet the following requirements:

- Computer: IBM compatible PC with minimum 32MB RAM, Microsoft Windows 95/98/ME/NT4/2000, and serial port.
- GPS receiver must be set to NMEA 0183 version 2.00 or later
- 3012 HF Data Modem: software version 1.00 or later
- 9002 HF Data Modem: software version 3.45 or later