



## UUPLUS™ EMAIL FOR HF SOFTWARE

### ➤ FEATURES AT A GLANCE

- Simple to use
- Flexible
- Fast & smart
- Comprehensive server & Internet capabilities
- Automatic channel selection

UUPlus™ *Email for HF* software is a simple and reliable solution for sending email over High Frequency (HF) from remote areas. UUPlus™ *Email for HF* software is ideal for any organisation that needs to communicate with users in remote regions.

Organisations that already have an in-house system can use UUPlus™ *Email for HF* software to extend their existing system into remote areas via HF.

### SIMPLE TO USE

UUPlus™ *Email for HF* is easy to install and maintain. Its simple and user-friendly interface operates mostly in the background of the Windows environment, and comes with online help information and an application guide. UUPlus™ *Email for HF* is compatible with any email client application that uses Internet protocols POP3 and SMTP, such as Microsoft Outlook™.

### FLEXIBLE

The software can be setup to automatically answer calls at preset times from the server to exchange mail, or the user can check for mail manually. Users can also configure the size limits of messages. This means that messages larger than the specified limit will be returned to the sender along with an explanation.

### FAST & SMART

UUPlus™ software technology reduces connection time by compressing and batching messages. Email attachments, like documents or images, are removed from the messages and separately compressed and sent.

UUPlus™ *Email for HF* saves time by automatically resuming interrupted file transfers. Therefore if the connection is lost during transfer, the message will continue from where it was interrupted upon reconnection.

### COMPREHENSIVE SERVER & INTERNET CAPABILITIES

UUPlus™ Codan Server software provides HF email for up to 25 remote or local LAN users and includes facilities for email access to the Internet or other mail servers.

## AUTOMATIC CHANNEL SELECTION

Channel selection is automated utilising the CODAN™ Automated Link Management (CALM™) or Automatic Link Establishment (ALE) feature of the transceiver.

## HOW IT WORKS

UUPlus™ *Email for HF* is a Windows application that is designed to provide email transfer, and is available in two configurations:

- UUPlus™ Codan Client for a remote user
- UUPlus™ Codan Server for an office location

Remote users read and prepare mail using their email client application, like Microsoft Outlook™. Once they are ready to transfer, the user activates the UUPlus™ Codan Client software and presses the **Call** button to make a data call. The transceiver automatically selects the most suitable channel to use via CALM™/ALE to establish data connection.

To provide email transfer, the software interfaces with the email client application via standard internet POP3 and SMTP protocols. The email messages are then combined and optimally compressed into a larger file, ready for transfer. When the HF data connection is made a reliable and robust transfer protocol is used to transfer the email data.

The email data is then received on the server station, and the compressed file is unpacked and reconstructed in its original format and forwarded to each recipient. These recipients can either be email users on the same network system, or remote users connected to the Internet.

The server is able to retrieve Internet mail from either a Multi-POP account or individual POP account located on an Internet Service Provider (ISP) or another corporate mail server.

The server supports up to 25 email users.

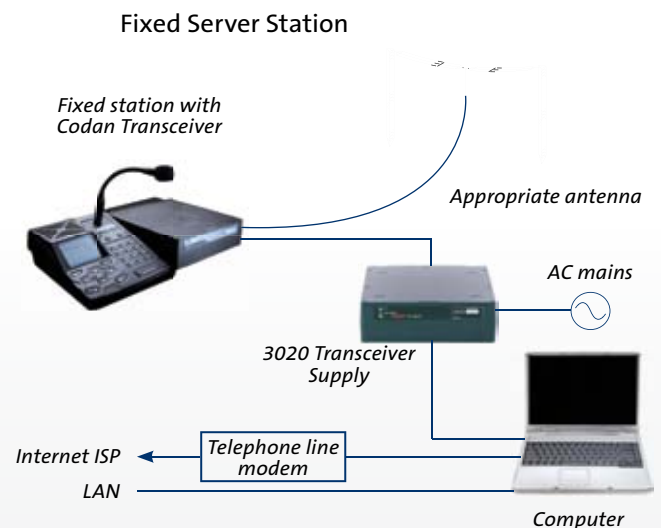
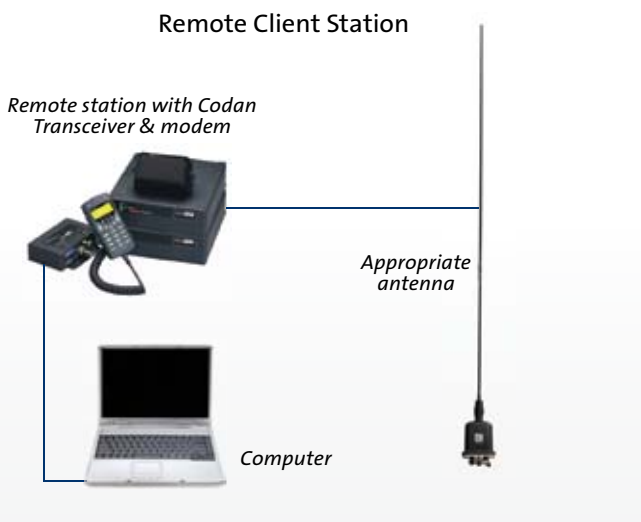
## EQUIPMENT

To operate UUPlus™ *Email for HF* software you will need:

- Windows™ 95 or later with dialup networking installed
- Windows™ NT4/2000 or later is recommended for UUPlus™ Codan Server
- Internet email client with support for POP3 and SMTP protocols
- Software supplied on CDROM with electronic documentation on disk

To send and receive email using UUPlus™ *Email for HF* software you will need:

- Any data capable CODAN™ HF Transceiver (e.g. NGT™ or 2110) with a CODAN™ 3012 or 3212 HF Data Modem or CODAN™ Envoy™ HF Transceiver with 15-10559 Data Option
- Serial / Ethernet / USB port as applicable for connecting Modem / Transceiver to PC
- Telephone line for dialup networking or Internet connection
- LAN for connecting local users and/or for connecting to other mail servers



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

## RADIO COMMUNICATIONS

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