



MD-405A Remote Host Control

Making SIGINT Processing Simple and Intuitive

L-3 Linkabit offers an intuitive, easy-to-use, Remote Host Control system for its Signals Intelligence (SIGINT) systems. The system uses a Windows-based human machine interface (HMI) that enables functionality such as real-time maps, advanced signal processing displays, signal search, and database capabilities. The Remote Host Control system uses a laptop computer to control SIGINT receivers and display the receiver's output. The system offers connectivity and control of Linkabit's MD-405A receivers through a remote host RS-232 interface. Using COTS computer equipment with Linkabit's advanced receivers also provides remote operations and networking of SIGINT assets.

The Remote Host Control HMI software operates on Windows NT/2000/XP based systems connected to the MD-405A receiver through the remote host interface port. This software provides the user with complete functional control of a Linkabit MD-405A SIGINT receiver from a user-friendly Windows based environment. All functions available on the front panel of the MD-405A are also available on the HMI software. In addition, mapping, database, and signal processing functions are available to support advanced SIGINT operations, both fixed and on the move. The following is a summary of the Remote Host Control HMI capabilities:

- MD-405A system setup and configuration
- Manual receiver and DF control
- Advanced signal processing display functions, such as rising raster (waterfall)
- DF Compass rose display
- Directed search (discrete frequency searching)
- General search (band sweep)
- Signal list storage and maintenance
- Real time graphic and mapping functions
- Built-in-test (BIT)

**OPTIONAL
RUGGEDIZED LAPTOP
COMPUTER**



**HMI WINDOW
DISPLAY**

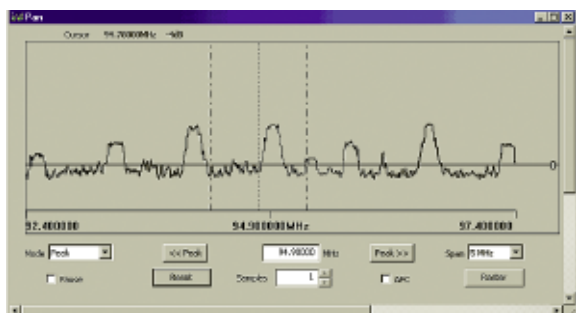


DF COMPASS ROSE DISPLAY

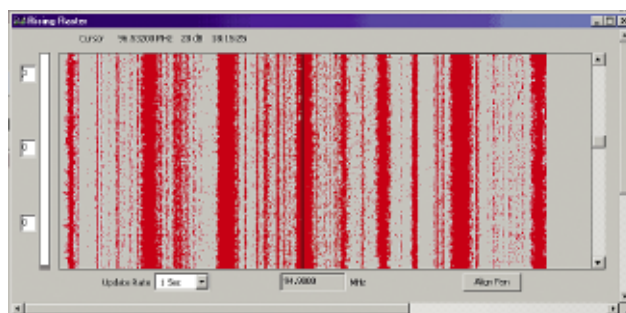


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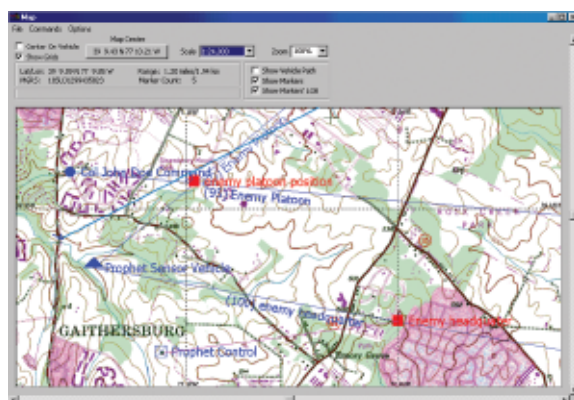
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PANORAMIC "PAN" DISPLAY



RISING RASTER DISPLAY



REAL-TIME MAP DISPLAY

MD-405A REMOTE HOST CONTROL HMI SOFTWARE AND ACCESSORIES

Part Number	Description	Includes
67-107410-02	MD-405A Remote Host Control HMI Software	CD-ROM installation disk
010-00243-00	Garmin eTrex Vista GPS receiver	Handheld GPS receiver
1G0270-3	Ruggedized Laptop computer	Contact Linkabit for current model specifications
1G0308-1	USB to serial interface cable	Adapter, USB-to-Serial RS232 DB9 500KBPS 2'CBL
05-103069-02	MD-405A to laptop serial interface cable	Cable assy, Rem host I/F short LEMO10P DE9S
64-107065-01	SUREMAPS CREATOR and NIMA MUSE mapping conversion software	CD-ROM installation disk
Contact Linkabit	SUREMAPS mapping software – different resolutions and areas of world	CD-ROM installation disk

¹NIMA MUSE is a NIMA freeware product developed by the National Imagery and Mapping Agency (NIMA).
Note: All specifications subject to change without notice

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