



The worldwide leader of Link 16 solutions for air, ground, and maritime applications

## MIDS LVT/ JTRS Mini Rack

Providing low-cost, portable Link 16 capability

For users who require a low-cost, portable capability to operate a MIDS LVT or MIDS JTRS terminal, the Mini Rack is the perfect solution. The Mini Rack is a portable, half-rack assembly that provides cooling, power, and all required interfaces to operate a MIDS LVT or MIDS JTRS terminal (main terminal and remote power supply). It operates on 115 VAC, 60 HZ, single phase 20 A. Please contact DLS for other input power requirements. The system is easily set up and used in a laboratory, depot, or outdoors. As a self-contained portable system, it handles all of the mechanical and electrical requirements to interconnect and operate a MIDS terminal.

The Mini Rack consists of all the interface cables for the terminal, RF attenuators, DC power supply, and an integrated blower/plenum to power a MIDS LVT/JTRS terminal. It also has an Ethernet-controlled relay that allows the user to operate the terminal from up to 100 feet away. Integrated into the rack is an attenuator assembly with an optional crystal detector that enables the user to use an oscilloscope to monitor terminal transmissions.

The Mini Rack in conjunction with the Terminal Exerciser provides a low-cost, portable solution to operate a MIDS LVT/JTRS terminal for testing or as a stand-alone ground station when connected to an antenna.



# MIDS LVT/JTRS Mini Rack

## System characteristics

Height	35 inches
Width	27 inches
Depth	33 inches
Weight	< 100 pounds (without terminal)
Part number	M042A335

## Functional capabilities

- Support of both MIDS LVT and MIDS JTRS configurations reduces the amount of test equipment required
- Portable roll-around transit case allows for quick and easy set up in a variety of locations
- Integrated variable speed blower enables low-noise operation
- Use of wall power (115 VAC 60Hz or 230 VAC 50 Hz) allows for use in a variety of environments
- Radio Frequency attenuators with dummy loads and simple interconnection supports the creation of lab networks
- Ethernet and 1553 host interfaces convert LVT attachment unit interfaces into today's 10-Base-T for ease of use
- USB relay provides remote operation of terminal (ON/OFF/Standby)
- Cable sets for both LVT and JTRS included with storage drawer maintains organization for user

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