

MIK-21-75

UHF SATCOM-On-The-Move Vehicle System RF Amplifiers



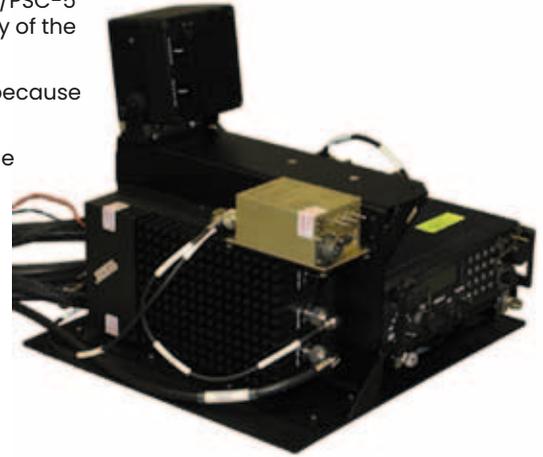
Overview

There is no system more compact, complete and affordable that integrates amplified audio, radio power and power distribution. Originally designed for the AN/PRC-117F and AN/PSC-5 Series Transceivers, the MIK-21-75 is actually radio agnostic, meaning it works with any of the manpack radios currently available.

The system easily integrates into most military vehicles. Installation is made easier because the MIK-21-75 features adaptable mounts and is pre-wired for quick connectivity.

A SATCOM antenna mounting bracket is also included for easy mounting into the vehicle. The system operates with a wide range of DC input voltages and includes a 75-watt amplifier.

The system integrates amplified audio (MRC-67A Amplified Speaker), radio power and power distribution.



Features

- Complete SOTM solution for HMMWV applications
- Provides secure broadband (UHF, LOS, and SOTM)
- Compact design saves space
- Integrates audio, radio power, and power distribution
- Radio agnostic, works with most radios in the 30-512 MHz frequency
- Includes adaptable mounts pre-wired for quick connectivity
- Accepts wide range of DC input voltages
- Includes amplified speaker, 75-watt amplifier
- Only 27.2 kg (excluding radio)

Application

The MIK-21-75 is a complete vehicle systems solution designed for conducting secure broadband (UHF, LOS and SOTM) including satellite communications. It is designed specifically for adaptation and installation in High Mobility Wheeled Vehicles (HMMWV). Being radio agnostic, it is compatible with radios in the 30-512 MHz frequency range. The system kit does not include the transceiver.

Technical Specifications

Size	Length	67.3 cm
	Width	57.2 cm
	Height	37.5 cm
Weight	27.2 kg (without radio)	
Operating Temperature	- 30°C to + 55°C	
Storage Temperature	- 50°C to + 65°C	
Operating Altitude	27,000 ft	
Storage Altitude	55,000 ft	
Humidity	95% relative	
Antenna	Optional at additional cost	
Amplifier	75 W	
Amplified Speaker	MRC-67A	
Supported Battery Types	MRC-490 (VI) Rechargeable Sealed Lead Acid battery in MRC-99-01	
Power Supply/Adaptor	MRC-99-01	
Accessories Included	Universal RMT-2 Radio Mount Amplifier	

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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

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