

MV9-DP

9 m manportable sectional mast kit, 1.3 m sections

Tactical Masts: Sectional Manportable



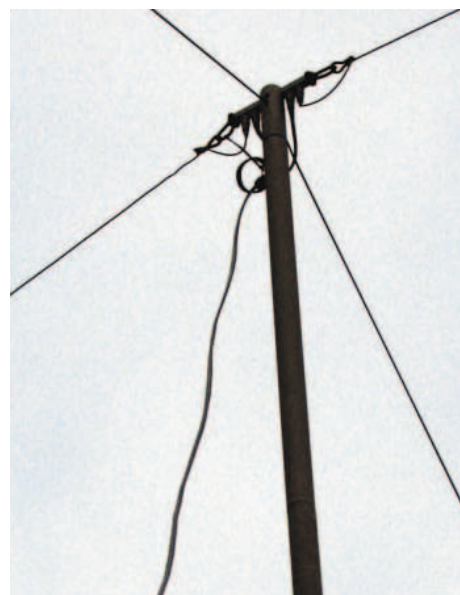
The MV9-DP is a vertical mounted mast deployed by a two person crew. The mast is light manpack transportable and is soldier friendly. It has been designed to military standards in order to support omnidirectional or wire antennas (directive antenna support is also available).

Application

This particular mast allows for mounting an antenna in less than 5 minutes on most military fields or in the forest, this is due to the exclusive Comrod vertical mounting system.

Technical Specifications

Height	9 m
Tip Diameter	40 mm
Maximum Top Load	Omni Antenna 5 kg Wire Antenna horizontal load 50 kg
Maximum Wind Speed	130 km/h
Maximum Temperature	- 40°C to + 70°C
Deployment Time	5 minutes with 2 people
Total Weight	18 kg
Transport Length	1.26 m
Guy Radius	9 m
Guys	Two level - three way



Construction

The MV9-DP mast is composed of 8 sleeve mast sections made of composite materials (fibreglass reinforced plastic).

A guy level in pre-stressed Terylene is kept under tension during deployment/recovery phases.

A double guy stake system (metallic stakes) anchors the mast even in soft soils.

Two pulleys are provided for installation of a wire antenna.



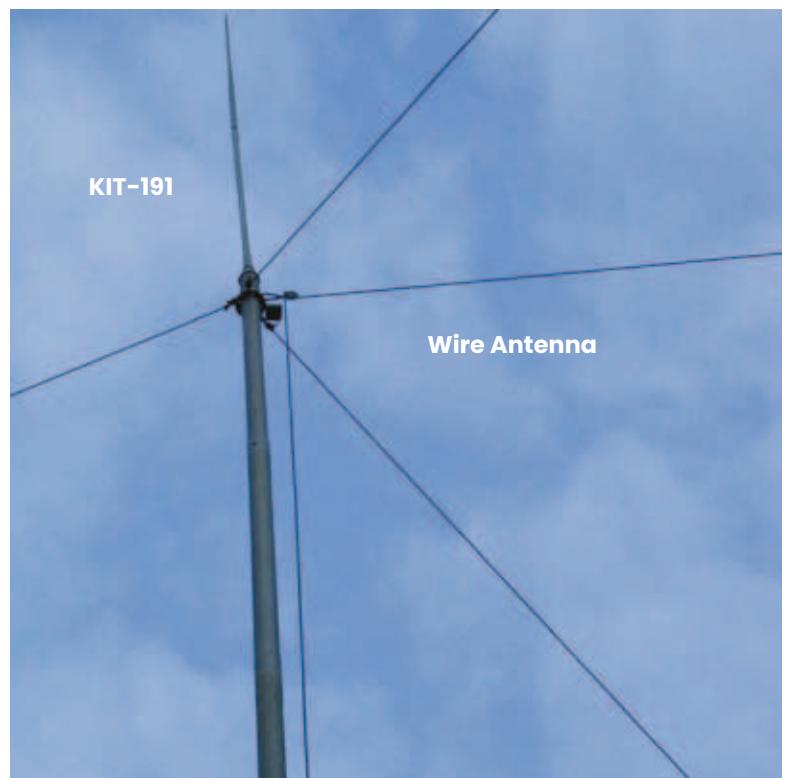
Installation

While one operator vertically lifts the mast sections the second operator needs to keep the upper guy under tension.

The upper guy cables are equipped with a return pulley hooked to the stake coupler to allow the return of the guy to the mast foot. Thanks to this system, the second operator can control the tension in the three upper guys from one central point.

Example of a Two Antenna Installation

- One wide band VHF station antenna 30 - 88 MHz (ref KIT-191), installed on mast top
- A wire antenna, attached by two pulleys at guy collar levels



September 2018

All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



sales@eylex.com.au
www.eylex.com.au

