Emergency Vehicle Equipment - Mast Systems

The Roof Mounted Telescopic Mast has been designed for use in the most demanding of conditions. The Roof Mounted Mast has many practical applications and is currently used extensively in the Fire Services, front line Pumping Appliances, Command Vehicles and Commercial Industries.

The compact, low profile, Roof Mounted Mast system can be quickly installed to most passenger, 4X4, or light commercial vehicles using custom designed aluminium roof mounting bars or easily mounted to the flat roof sections of Fire Appliance body work. Available in 1.6m and 2.7m versions.

We also offer the system without the light head for use with cameras, antennas or other non-lighting applications.

Standard Roof Mast Features:
- Minimum roof drilling, and when using SMC custom roof bars no additional roof strengthening is usually required.
- No intrusion into the vehicle.
- Control and vehicle voltage lighting cables are enclosed within the mast on 12 & 24V lighting systems.
- Integral air regulator system operating directly from the vehicle auxiliary air tank (built in compressor system optional).
- Low weight, typically 50 kg.

Hilolite Lighting Mast Features:
- The unit comes complete with Pan & Tilt light head, with a number of LED & Metal Halide configurations.
- Choice of 2 or 4 way light head in 110/220V or vehicle voltage Metal Halide lighting or LED.
- Lights may be mounted to one side of the mast head to prevent over hanging the vehicle sides or obstructing ladder stowage.
- CCTV and antenna head-load options available.
- Lighting Mast System has a compact design.

Manual/Auto switch allows manual raising & lowering of mast in event of electronics failure or maintenance procedures.
Safety Features:

- Mast raised visual & audible warning alarm standard.
- Auto-Park facility on mast raised hand brake release standard.
- Safety Interlock circuit prevents mast operation without hand brake being applied.
- Manual/Auto switch allows manual raising & lowering of mast in event of electronics failure or maintenance procedures.
- PCB mounted LED’s provides a visual indication of switch, air regulator conditions etc, whilst diagnosing faults.
- Machinery Directive ‘CE’ marked & ‘e11’ Approved.

Standard Handset Features:

- Heavy-Duty handset with coiled cable & pre-wired waterproof connector.
- LED matrix on handset indicates system status.
- Sealed momentary colour coded push buttons with unique ‘SYSTEM ARM’ procedure to prevent accidental operation.