



Mobile Preemption Emitter – Model MPE



Compatible with all 3M OpticomTM and Tomar StrobeCom[®] Systems*

Designed for
on-foot traffic control

Affordable, Dependable, Powerful

When Every Second Counts

The average range is 300-500 feet, making it ideal for urban and suburban traffic control situations where a fixed, vehicle-mounted product is cost prohibitive, impractical, or fails to increase the margin of safety for on-foot personnel. Police and fire police are often called upon to direct emergency vehicles that are unequipped with preemption through congested intersections, as well as directing traffic around accident scenes.

Perfect for testing intersections equipped with preemption receivers. System testing within the intersection allows for the close range observation of the changing traffic signal sequence. Portable lightweight design for on-foot personnel offers superior flexibility to vehicle-mounted preemption; increases safety margin; versatile uses from traffic control to testing traffic signal preemption detectors.

*The device is NOT intended for use
in moving vehicles*

Authorized Users of the MPE

Restricted Sale Product. Preemption devices may only be sold to authorized users and distributors.

Electrical Specifications

- Power Supply Input: 6 VDC (4 "D" cell batteries); Average current drain: 0.5 amp
- Flashtube Supply: 400 VDC maximum
- Flash Rate: 14.035 Hz +/- 0.0025 Hz; crystal controlled (10 Hz Low Priority flash rate available upon request)
- Requires four (4) regular, alkaline, titanium, or lithium "D" cell batteries.
- Non-serviceable encapsulated electronic module

Mechanical Specifications

Size: 2.25" diameter maximum; 14.50" length maximum
Weight: 2.5 pounds (with batteries)

Accessories & Replacement Parts

Replacement flashtube module assembly Part #MPE-FME

Model #MPE

Features Benefits

- **Rugged Watertight Construction**
Withstands the worst weather conditions
- **Ergonomic Hand-Held Design**
Allows for ease-of-use; comfortable grip; lightweight; similar to traffic signal wands
- **Affordable**
- **Individually Serial Numbered Housings and Electronic Modules**
For inventory control

RESTRICTED SALE PRODUCT: This item will only be sold to federal, state, and local governments, fire and ambulance departments, and to authorized distributors
* OpticomTM is a trademark of Global Traffic Technologies, LLC. StrobeCom[®] is a registered trademark of Tomar Electronics, Inc.



980 QUAKER HIGHWAY (146A) ■ UXBRIDGE, MA 01569
(ph) 508-278-0446 ■ (fx) 508-278-0447
WWW.MARLIN-CONTROLS.COM