

MicroPulse® SignalMaster™

Directional Warning



FEATURES

- LED directional warning light
- Utilizes MicroPulse Ultra 12 light heads
- Externally mounted
- Easy serviceability
- IP67 Rated for protection against dust and water
- Available directional patterns include: left, right, center out, and flashing warning
- Visor-like extrusion designed to help block sunlight, increasing the warning effectiveness
- Compatible with Federal Signal's SignalMaster controllers
- The full-featured controllers include low-power mode to reduce amp draw for nighttime operation and fast mode that increases the "build" speed of the warning pattern
- Five-year warranty

Durable, Directional Warning Solutions

Ideal for rear traffic warning, the MicroPulse® SignalMaster™ provides directional signals (left arrow, right arrow, center out) and flashing warning patterns to direct rear-facing traffic. When a directional signal is selected, the lamps are individually illuminated in a sequential sweeping motion until all lamps are illuminated. In addition, the brake module in selected models operate independently from the control module and are located at the center of the MicroPulse SignalMaster.

The MicroPulse Ultra lens is made of UV resistant polycarbonate to protect against harsh conditions. Certified to meet IP67, MicroPulse Ultra perimeter lights have a fully encapsulated water-proof housing that provides a barrier against dust, moisture, and water. Additionally, the MicroPulse SignalMaster's extruded housing is specially designed to help block sunlight and glare that adversely affects warning performance and effectiveness.

Easy Serviceability

The MicroPulse SignalMaster was designed with ease of serviceability in mind. If you need to replace a light head, remove the screws on each end of the light and disconnect the wire harness connector from the assembly. Reconnect the wire harness to the cable assembly and secure the two screws using the new light head.

Different Applications Call for Different Controllers

The full-featured SignalMaster controllers, sold separately, operate with a low-power mode to reduce amp draw for nighttime operation and fast mode that increases the "build" speed of the warning pattern. The standard and full-featured controllers provide left, right, center-out and flashing directional warning patterns.

APPROVALS

- CCR Title 13
- SAE J595 Class 1
- SAE J845 Class 1
- IP67



330104-SB



331106-SB

HOW TO ORDER

LED Color Lens Color
A R C

MICROPULSE® SIGNALMASTER™

| | |
|------------------------|---|
| MPSUSM23-A-30 | 23-inch MicroPulse SignalMaster, (4) Amber heads, 30-ft cable, (A-A-A-A) |
| MPSUSM30-BRK-50 | 30-inch MicroPulse SignalMaster, (4) Amber light heads and (1) Red brake light (center), 50-ft cable, (A-A-BRAKE-A-A) |
| MPSUSM32-A-30 | 32-inch MicroPulse SignalMaster, (6) Amber light heads, 30-ft cable, (A-A-A-A-A-A) |
| MPSUSM32-A-60 | 32-inch MicroPulse SignalMaster, (6) Amber light heads, 60-ft cable, (A-A-A-A-A-A) |
| MPSUSM36-BRK-50 | 36-inch MicroPulse SignalMaster, (6) Amber light heads and (1) Red brake light (center), 50-ft cable, (A-A-A-BRAKE-A-A-A) |
| MPSUSM42-A-30 | 42-inch MicroPulse SignalMaster, (6) Amber light heads, 30-ft cable, (A-A-A-A-A-A) |
| MPSUSM42-BRK-30 | 42-inch MicroPulse SignalMaster, (6) Amber light heads and (1) Red brake light (center), 30-ft cable, (A-A-A-BRAKE-A-A-A) |
| MPSUSM42-A-60 | 42-inch MicroPulse SignalMaster, (6) Amber light heads, 60-ft cable, (A-A-A-A-A-A) |
| MPSUSM44-A-30 | 44-inch MicroPulse SignalMaster, (8) Amber light heads, 30-ft cable, (A-A-A-A-A-A-A-A) |
| MPSUSM44-A-60 | 44-inch MicroPulse SignalMaster, (8) Amber light heads, 60-ft cable, (A-A-A-A-A-A-A-A) |
| MPSUSM51-BRK-30 | 51-inch MicroPulse SignalMaster, (8) Amber light heads and (1) Red brake light (center), 30-ft cable, (A-A-A-A-BRAKE-A-A-A-A) |

MPSUSM51-A-30

51-inch MicroPulse SignalMaster, (8) Amber light heads, 30-ft cable, (A-A-A-A-A-A-A-A)

MPSUSM51-A-60

51-inch MicroPulse SignalMaster, (8) Amber light heads, 60-ft cable (A-A-A-A-A-A-A-A)

MPSUSM65-A-60

65-inch MicroPulse SignalMaster, (8) Amber light heads, 60-ft cable, (A-A-A-A-A-A-A-A)

CONTROLLER OPTIONS

330104-SB

Basic directional light controller, for use with 4-, 6-, and 8-head models, 12/24 Vdc (multiple installer-selectable flash patterns, fuse protected)

331105-SB

Full-featured directional light controller, for use with 4-, 6-, and 8-head models, 12/24 Vdc (slide switch, multiple installer-selectable flash patterns, heavy duty ground, fuse protected, controls (2) SignalMasters simultaneously), turn signal override feature

ACCESSORIES AND KITS

320310

Kit, bracket, flush mount system

320320

Kit, bracket, double L-bracket

320330

Kit, bracket, system mount

320340

Kit, bracket, universal vehicle mount

320350

Kit, bracket foot adapter

SPECIFICATIONS

SPECIFICATIONS

| | |
|-----------------------|----------------------------------|
| INPUT VOLTAGE | 11/13 Vdc |
| AMP DRAW | 1.5 A per head |
| OPERATING TEMP | -40° to +176° F (-40° to +80° C) |

PHYSICAL SPECIFICATIONS

| | 23-INCH | 30-INCH | 32-INCH | 36-INCH | 42-INCH | 44-INCH | 51-INCH | 65-INCH |
|---------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| LENGTH | 23.0 in (58.4 cm) | 30.0 in (76.2 cm) | 32.0 in (81.3 cm) | 36.0 in (91.4 cm) | 42.0 in (106.7 cm) | 44.0 in (111.8 cm) | 51.0 in (129.5 cm) | 65.0 in (165.1 cm) |
| WIDTH | 3.4 in (8.6 cm) | | | | | | | |
| HEIGHT | 2.6 in (6.6 cm) | | | | | | | |



MPSUSM42-A-30
MicroPulse SignalMaster



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