

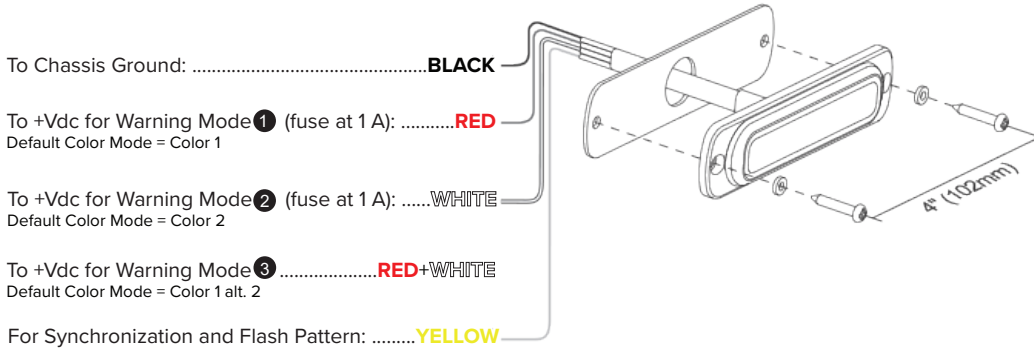
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Safety Message to Installers of Warning Light Equipment

⚠ WARNING

To properly install this light, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment. Before installing this device, refer to document number 25500119, which is available online at www.fedsig.com. Print the online document and provide copies to the end users of this product and to the personnel who will service it.

Wiring the Light Head



Connect the **YELLOW** wires of all of the heads together for synchronization. (All heads must be set at the same pattern.)

Flash Pattern

Each Warning mode may select and save one flash pattern. While activating a warning mode, momentarily apply the **YELLOW** wire to +Vdc:

- once for the next pattern
- quickly three times to reset to FP#1 (Refer to the chart.)

Simultaneous or Alternating Synchronization

1. Apply +Vdc to the **RED** and **YELLOW** (or **WHITE** or **RED + WHITE** wires simultaneously to enter grouping mode. The light head displays short (single or double) flashes:
 - Single flash = Group1
 - Double flash = Group2
2. Remove the **YELLOW** wire from +Vdc and momentarily apply it to +Vdc again for more than 3 seconds to change groups:
 - Light heads in the same group flash together.
 - Group1 light heads alternate with Group2 light heads.
3. Disconnect all power to save and exit setting mode.

Color Mode Setting

1. Each Warning Mode may select and save one Colour Mode. Apply +Vdc to the **RED** and **YELLOW** (or **WHITE** or **RED + WHITE** wires simultaneously to enter setting mode; the light head displays its current color mode:
 - Single Colour flashing Color 1 = Color 1
 - Single Colour flashing Color 2 = Color 2
 - Dual Colour flashing Color 1 = Color 1 alt. 2
 - Dual Colour flashing Color 2 = Color 2 alt. 1

FP#	Flash Patterns
1	Double (R65)*
2	Single (2 Hz)
3	Triple (2 Hz)
4	Quad (2 Hz)
5	Random
6	Steady EF**
7	Single (SAE/CA13)
8	Double (SAE)
9	Triple (SAE)
10	Quad (SAE)
11	Quint (SAE)
12	Mega
13	Giga
14	Ultra (SAE)
15	Single-Quad
16	Single H/L
17	Single-Triple-Quint
18	Steady Scene
19	Single-Single
20	Double-Double
21	Triple-Triple Mid
22	Triple-Triple Fast
23	Quint-Triple
24	7-1 Flash
25	7-1 Flash***
26	Quad-Single
27	Quad-Single***
28	Quint-Quint

FP 19-28 will always operate in dual color.

*Actual approval will be based on the model ordered.

**For use with external flash controller.

***Inverted color mode.

Installing the MicroPulse® MPS620 Ultra Y Series

2. Remove the **YELLOW** wire from +Vdc and momentarily apply it to +Vdc again for less than 3 seconds to change color mode.
3. Disconnect all power to save and exit setting mode.

Getting Repair Service

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally.

Any units returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain an RMA from a local Distributor or Manufacturer's Representative.

Provide a brief explanation of the service requested or the nature of the malfunction.

Address all communications and shipments to the following:

Federal Signal Corporation
Service Department
2645 Federal Signal Drive
University Park, IL 60484-3167

Ordering Replacement Parts

To order replacement parts, call Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT), or contact your nearest distributor.

Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to info@fedsig.com or call +1 708-534-3400.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.



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