FLASH PATTERN # DISPLAY

Operational Voltage: 12-24 VDC

RED: to +VDC (fuse @ 8A)\*\*

Note:

LED STATUS INDICATORS

BLACK: to -GND

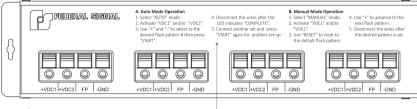
Power up to 6 amps



### **WARNING:**

- 1. Before using this device, contact your supplier for product compatibility.
- 2. When connecting wires to spring clip connectors, connect only one wire at a time.
- 3. Ensure that wires are properly connected before powering up the devices. Beware of loose wire lead that may cause short circuit, especially for "FP" connector and "-GND" connector.

## **WIRING DIAGRAM:**



### CONNECT THE DEVICE WITH SPRING CLIP CONNECTORS:

+VDC1 (Max 1.5 amps output)\*

+VDC2 (Max. 1.5 amps output)\*

FLASH PATTERN (Max. 0.5A amps output)

-GND

\*Note:

Max. output will be 0.75 amps for each +VDC terminal when VDC1 and VDC2 buttons are activated together.

# **OPERATION:**

### Auto Mode

- 1. Connect the device wires to the corresponding spring clip connectors.
- 2. Select AUTO mode with Button ⑤. (LED indicator will display in AUTO mode)
- 3. Activate the desired wire(s) to be set-up with Button ①(VDC1) and/or ②(VDC2).
- 4. Use Button 3(BACK) and 4(FORWARD) to scroll to the desired flash pattern #. (the digital display will indicate the selected flash pattern #)
- 5. Press Button 6 to start the automatic set-up.

CAUTION: Do not disconnect any wire while "PROCESSING" LED indicator is ON;
Any disruption of the automatic process may cause the set-up to fail.

6. Remove the device once the LED indicator shows "COMPLETE".

7. You may connect another set of device and press Button(6) again for the same set-up.

# FUNCTION BUTTONS ① VDC1 ACTIVATION ② VDC2 ACTIVATION ③ BACK (AUTO mode) / RESET (MANUAL mode) ④ Foward

### Manual Mode

- 1. Connect the device wires to the corresponding spring clip connectors.
- 2. Select MANUAL mode with Button ⑤. (LED indicator will display in MANUAL mode)
- 3. Activate the desired wire(s) to be set-up with button ①(VDC1) and/or ②(VDC2).
- 4. Reset the flash pattern with Button ③.
- 5. Use Button 4 to advance to the next flash pattern till the desired pattern. (the digital display will show the current flash pattern #)
- 6. Remove the device once the desired pattern is set.

FLASH

PATTERN #

OTUA

PROCESSING

COMPLETE

VDC1

# Compatible light models that can be used with the Perimeter Light Programmer

FIRERAYS		MICROPULSE MPSW6 Wide Angle		MICROPULSE 620 Ultra Dual Color	
RED	+	RED	+	RED	+ (activates Memory 1 in color 1)
BLK	-	BLK	-	BLK	-
YEL	sync /flash mode/pattern select (+)	YEL	sync/flash mode/pattern select (+)	YEL	sync/color mode (red or white with yellow together) /pattern select (+)
WHT	low power/dim	WHT	low power / dim	WHT	+ (activates Memory 2 in color 2)
MICROPULSE 300 Ultra		MICROPULSE MPSW9 Wide Angle		MICROPULSE 652 Dual Color	
RED	+	RED	+	RED	+ (activates Memory 1 in color 1)
BLK	-	BLK	-	BLK	-
YEL	sync/flash mode/pattern select (+)	YEL	sync/flash mode/pattern select (+)	YEL	sync/color mode (red or white with yellow together) /pattern select (+)
		WHT	low power / dim	WHT	+ (activates Memory 2 in color 2)
MICE	ROPULSE 600 Ultra / 600 / 650				
RED	+	QUADRAFLARES		MICROPULSE 1220 Ultra Dual Color	
BLK	-	RED	+ (if split color, top color)	RED	+ (activates Memory 1 in color 1)
YEL	sync/flash mode/pattern select (+)	BLK	-	BLK	-
		YEL	sync/pattern select (+)	YEL	sync/color mode (red or white with yellow together) /pattern select (+)
MICE	ROPULSE 1200	WHT	+ (if split color, top color)	WHT	+ (activates Memory 2 in color 2)
RED	+	VIO	low power / dim	GRN	low power / dim
BLK	-				
YEL	sync/flash mode/pattern select (+)	COMSTL Series Warning		416900 and 416910 Corner LED Single and Dual Color	
WHT	low power / dim	RED	+	RED	+ (activates Memory 1 in color 1)
		BLK	-	BLK	-
		GRN	sync/flash mode/pattern select (+)	YEL	sync/color mode (red or white with yellow together) /pattern select (+)
		BRN	low power / dim	WHT	+ (activates Memory 2 in color 2)

<sup>\*</sup>Refer to the Federal Signal website (www.fedsig.com) for the individual light model instruction sheets which will provide more information on synchronization and pattern selection.