

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 the unabridged instructions (doc. no. 25500119) for this device, which are 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 this product.

NOTES: When installing the light on a vehicle, the manufacturer's supplied screws **MUST** be used. Do not use an impact drill or electric screw gun when installing the light. Make sure the small vent holes on the mounting pad are open (holes on each side of center hole shown on the figure below).

Wiring:

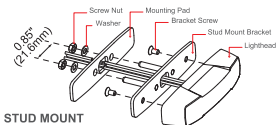
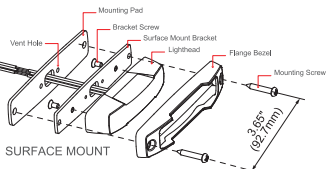
To Chassis Ground.....**BLACK**

To +VDC activates Memory1 in Color1.....**RED**
 (fuse @ 1A)

To +VDC activates Memory2 in Color2.....**WHITE**
 (fuse @ 1A)

For Programming & Synchronization.....**YELLOW**

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



Operations:

MEMORY Selection

Each unit comes with 2 Memories (Memory1 & Memory2).

To configure:

1. Activate Memory1 or Memory2 by applying +VDC to **RED** or **WHITE** wire.
2. For a Flash Pattern, momentarily apply +VDC to **YELLOW** wire:
 - once for next pattern
 - quickly 3 times for reset

NOTE: **RED** wire default pattern is FP#1, and **WHITE** wire default pattern is FP#9 (Steady).

FP#	Flash Patterns
1	Single 122 FPM
2	Single 90 FPM
3	Single 113 FPM
4	Triple Flash (2.04 Hz)
5	Triple Flash (1.25 Hz)
6	Double (R65)
7	Quad (2 Hz)
8	Random
9	Steady
10	Single
11	Mega
12	Double
13	Quad
14	Quint
15	Ultra
16	Single-Quad
17	Single-H/L
18	Single-Triple-Quint

COLOR mode Selection

Each Memory comes with 3 COLOR modes. To configure:

1. Activate Memory1 or Memory2 by applying +VDC to **RED** or **WHITE** wire.
2. Apply +VDC to **YELLOW** wire for over 3 seconds to enter COLOR mode selection.
3. Once in COLOR mode selection, the unit will flash in low power.
4. Momentarily apply +VDC to **YELLOW** wire once to change COLOR mode:
 - COLOR mode 1 = Color 1
 - COLOR mode 2 = Color 2
 - COLOR mode 3 = Color 1 alternate Color 2
5. Exit COLOR mode selection by: (a) Applying +VDC to **YELLOW** for over 3 seconds or ,
(b) Disconnecting all power.

Multi-unit Synchronization:

Each unit has 3 Modes: MASTER (default), SLAVE-SYNC, and SLAVE-ALT. If synchronized flashing is not needed, simply select the desired flash pattern.

For synchronized flashing, only one unit must be set to MASTER mode, while all other units are set to SLAVE-SYNC or SLAVE-ALT mode.

1. Enter MODE selection by:

Applying +VDC to **YELLOW** for over 3 seconds while **RED** and **WHITE** wires are activated.

Once in MODE selection, the unit will steadily burn in low power and pulse in high power:

- Single pulse = MASTER (default)
 - Double pulse = SLAVE-SYNC
 - Triple pulse = SLAVE-ALT
2. Remove **YELLOW** wire from +VDC and momentarily apply it to +VDC to change MODES:
 - SLAVE-SYNC units flash together with MASTER units.
 - SLAVE-ALT units alternate with SLAVE-SYNC and MASTER units.
 3. Exit MODE selection by: (a) Applying +VDC to **YELLOW** for over 3 seconds or ,
(b) Disconnecting all power.

NOTE: If no MASTER unit were present, all SLAVE units will flash initially, and steady burn for 2 seconds to detect any synchronization signal. The installer/user may also use this to easily pick out SLAVE vs. MASTER units.

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