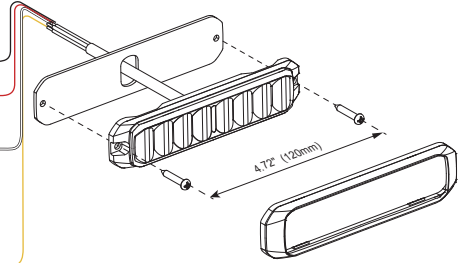


M16 8+8 Dual Color/Multi-Mode Lighthead

86-M07811-0001.0

Wiring

- To Chassis Ground:**..... **BLACK**
- To+VDC for Warning Mode ① (fuse @ 2A):**..... **RED**
Default Color Mode - Color 1
- To+VDC for Warning Mode ② (fuse @ 2A):**..... **WHITE**
Default Color Mode - Color 2
- To+VDC for Warning Mode ③:**..... **RED+WHITE**
Default Color Mode - Color 1 alt. 2



For Synchronization and Flash Pattern:... **YELLOW**

Connect **YELLOW** wires of all lightheads together for synchronization.
(All lightheads must be set to the same Flash Pattern)

Operation

For Flash Pattern Selection:

Each warning mode is capable of storing / saving one flash pattern. While a warning mode is activated, momentarily apply **YELLOW** wire to **+VDC**:

- Once to move to the next pattern.
- Quickly 3X to revert to default flash pattern #1.

For Simultaneous or Alternating Synchronization:

1. Apply **+VDC** to **RED** (or **WHITE** or **RED+WHITE**) and **YELLOW** wires simultaneously to enter **SETTING MODE**; the lighthead will display short flashes:

- Single flash = Group 1 ^{Simultaneous} • Double flash = Group 5 ^{Alternate}
 - Three flashes = Group 2 • Four flashes = Group 3
 - Five flashes = Group 4 • Six flashes = Group 6
 - Seven flashes = Group 7 • Eight flashes = Group 8
- Available via Blinkcast (PC) Programming only. (see bottom of page)

2. Remove **YELLOW** wire from **+VDC** then momentarily apply to **+VDC** again for more than 3 seconds to change Groups.

- Lightheads in the same Group will flash together.
- Lightheads in Groups 1 & 5 will flash alternately.

3. Save and exit **SETTING MODE** by disconnecting all power.

NOTE: Wires must contact **+VDC** at the exact same time.

For Color Mode Setting:

1. Each warning mode is capable of storing / saving one color mode. Apply **+VDC** to **RED** (or **WHITE** or **RED+WHITE**) and **YELLOW** wires simultaneously to enter **SETTING MODE**; the lighthead will display its current Color Mode:

- Color 1 → Color 2 → Color 1 alt. 2 → Color 2 alt. 1 (4 modes in a cycle)

2. Remove **YELLOW** wire from **+VDC** then momentarily apply to **+VDC** again for less than 3 seconds to change Color Mode.

3. Save and exit **SETTING MODE** by disconnecting all power.

NOTE: Wires must contact **+VDC** at the exact same time.

Reset to Factory Default Settings:

1. Apply **+VDC** to **RED** (or **WHITE** or **RED+WHITE**) and **YELLOW** wires simultaneously to enter **SETTING MODE**;

2. Remove **YELLOW** wire from **+VDC** then momentarily apply to **+VDC** again for more than 5 seconds. The lighthead will display fast short flashes to signify successful reset.

3. Save and exit **SETTING MODE** by disconnecting all power.

Flash Pattern (Dual Color)		
1	Double	[2Hz]
2	Single	[2Hz]
3	Triple	[2Hz]
4	Quad	[2Hz]
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	Cruise	
20	Sweep Single TA	
21	Single-Single	
22	Double-Double	
23	Triple-Triple Mid	
24	Triple-Triple Fast	
25	Quint-Triple	
26	7-1 Flash	
27	7-1 Flash#	
28	Quad-Single	
29	Quad-Single#	
30	Quint-Quint	

FP#21~30 will always operate in dual color.
* For use with external flash controller.
Inverted color mode.



BlinkCast Ready

This product is Blinkcast friendly. Blinkcast is the easiest, most efficient method to program your M16 lightheads. Via PC, set flash patterns, group / phase and color mode. Once satisfied, save then upload the settings to the portable Blinkcast module and transfer the programming to your lightheads on the fly!
Contact your Brooking sales representative or customer service representative for more information.