**Surface Mounting**

To +VDC (fuse @ 3A).....RED
To Chassis Ground.........BLACK

For Synchronization:........YELLOW
Connect YELLOW wires of all heads together for synchronization (all heads must be set at the same pattern).

**NOTE:** Series B units do not synchronize with Series A units. To synch, all units must be of the same series.

**Modes of Operation**

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:
   (a) Applying +VDC to the RED and YELLOW wires simultaneously or by
   (b) Applying +VDC to the YELLOW for over 3 seconds while unit is activated.

   Once in MODE selection, the unit will steady burn in low power and pulse in high power:
   * Single pulse = MASTER (default)
   * Double pulse = SLAVE-SYNC
   * Triple pulse = SLAVE-ALT

2. Remove the YELLOW wire from +VDC and momentarily apply +VDC to change the MODE:
   * SLAVE-SYNC units flash together with MASTER units.
   * SLAVE-ALT units alternate with SLAVE-SYNC & MASTER units.

3. Exit MODE selection by:
   (a) Applying +VDC to YELLOW for over 3 seconds or by
   (b) Disconnecting all power.

**NOTE:** When there is no MASTER unit present, all SLAVE units will flash initially, and then steady burn for 2 seconds as no synchronization signal is detected. This is so that the installer/user can easily distinguish between SLAVE vs. MASTER units.

**FFP**

Flash Patterns

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Random</td>
</tr>
<tr>
<td>2</td>
<td>Single (split)</td>
</tr>
<tr>
<td>3</td>
<td>Double (split)</td>
</tr>
<tr>
<td>4</td>
<td>Quad (split)</td>
</tr>
<tr>
<td>5</td>
<td>Quad (split)</td>
</tr>
<tr>
<td>6</td>
<td>Mega (split)</td>
</tr>
<tr>
<td>7</td>
<td>Ultra (split)</td>
</tr>
<tr>
<td>8</td>
<td>Single-Quad (split)</td>
</tr>
<tr>
<td>9</td>
<td>Single H/L (split)</td>
</tr>
<tr>
<td>10</td>
<td>Single (all)</td>
</tr>
</tbody>
</table>

*FFP = Flash Pattern

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