LED Warning Stick Manual

▶ WIRING
SINGLE COLOUR

RED ——— to **+VDC** with rated fuse
(for correct fuse, refer to Fuse Rating chart)

BLACK—— to Chassis ground

GREEN—— [+] 1. Activate Warning Mode 2 [P1] w/ FIRMWARE Mode 1&2
2. Activate End-Flasher w/ FIRMWARE Mode 3~6

BROWN — [+] 1. Activate Warning Mode 1 [P2] w/ FIRMWARE Mode 1&2
2. Activate other lightheads apart from End-flasher w/ FIRMWARE Mode 3~6

YELLOW— [+] Flash Pattern Selection / Synchronization
Connect **YELLOW** wire of all sticks together for synchronization
(All sticks should be set to the same pattern)

WHITE —— [+] Low Power Operation

NOTE: For FIRMWARE Mode 1&2: Order of Precedence: Warning Mode 2 [P1] > Warning Mode 1 [P2]
For FIRMWARE Mode 3~6: No Order of Precedence. **GREEN** & **BROWN** wire can be activated independently or simultaneously.

Fuse Rating

No. of Lighthead	12VDC Model	24VDC Model
4-Head	4.0A	2.0A

Warning Patterns

1	Random/Custom	(see "PROGRAMMING")	SC
2	All	Double [R65]#	SC
3	All	Single [2HZ]	SC
4	All	Triple [2HZ]	SC
5	All	Quad [2HZ]	SC
6	All	Steady / Scene	SC
7	All	Single [SAE, CA13]	SC
8	All	Double [SAE]	SC
9	All	Mega	SC
10	All	Ultra [SAE]	SC
11	All	Single-Quad	SC
12	All	Single H/L	SC
13	All	Single-Triple-Quint	SC

POWER WIRES

1. Route Power Wires to the vehicle firewall towards the battery and follow the factory wiring harness through the firewall. If drilling a hole is required, ensure that no component is damaged from the drilling.

2. Install a fuse (user-supplied) to the end of the **RED** wire, and connect it to the battery. (for correct fuse, refer to Fuse Rating chart)

3. Connect the **BLACK** wire to the factory chassis ground next to the battery.

NOTE: Ensure that all wires of the power cable are securely connected to the power source.

CONTROL WIRES

1. Route Control Wires towards the dash area to a switch panel (user-supplied).
2. Connect the required wires to the switch panel or power source.

WARNING MODE 1 and MODE 2

Each Warning Mode can select and store one flash pattern.

To change the flash pattern:

1. Activate the desired Warning Mode by applying **+VDC** to **BROWN**, or **GREEN** wire.
   - ■ **BROWN** wire for Warning Mode 1.
   - ■ **GREEN** wire for Warning Mode 2

2. After 3 seconds, tap **+VDC** to **YELLOW** wire:
   a. quick once to next pattern (refer to Warning Patterns chart).
   b. quick 3 times to Pattern #1.

To set colour mode (only available on Dual Colour Models):

1. Disconnect all power then then applying **+VDC** to **BROWN (**or **GREEN**), **YELLOW**
   and **RED** wire together for 3 seconds to enter colour setting; the stick will display the current colour mode for the activated warning mode.

2. Tap **+VDC** to **YELLOW** wire to scroll through the colour mode:
   a. Single Colour 1
   b. Single Colour 2
   c. Dual Colour 1&2
   d. Dual Colour 2&1

3. Save and exit colour setting by disconnecting all power.

LOW POWER OPERATION (DIM FUNCTION)

Activate dimming function by continuously applying **+VDC** to WHITE wire.

\# Actual ECE R65 approval is based on the p/n ordered.
* Patterns show full effect in dual colour mode.
For dual colour models:
SC = Single Colour Mode; SC/DC = Single or Dual Colour Mode

◤ Q-Lockᵀᴹ MECHANISM & LIGHTHEAD SWAP

Lightheads in a 4-Head Warning Stick may be quickly removed and replaced using Q-Lock™ Mechanism.

1. Use a flat-bladed screwdriver to flip open the Q-Lock™ levers on both sides of the lighthead.
2. Remove the lighthead by pulling out the lighthead slowly and evenly from both sides.
3. Carefully disconnect the lighthead wire from the wire harness.
4. Connect the new lighthead on to the wire harness. Note the direction and the orientation of the lighthead.
   (check wire-exit and lens marking)
5. Push the lighthead slowly and evenly into place.
6. Flip and close all Q-Lock™ levers.