▶ WIRING FOR WARNING STICKS

RED...............**[+]** Warning Mode to +VDC with rated fuse
(for correct rating, refer to the Fuse Rating Chart)

BLACK............to Chassis ground

YELLOW.........**[+]** Flash Pattern Selection (refer to Flash Patterns chart) / Synchronization
Momentarily apply **+VDC** to **YELLOW** wire:
· Once to next pattern
· Quick 3 times to FP#1
Connect **YELLOW** wires of all sticks together for synchronization*
*All sticks should be set to the same pattern

WHITE.............**[+]** for Simultaneous or Alternating Flash (for multi-sticks only)
Group1 - Sticks with **WHITE** connected to **+VDC** will flash together
Group2 - Sticks with **WHITE** not connected to **+VDC** will flash together
Group1 will alternate with Group2

Fuse Rating	
2-Head Model = 2 Amps	4-Head Model = 3 Amps

Warning Stick Flash Patterns					
1	Kit Scan	10	**[Left-Right]** Single	19	**[All]** Quint
2	Kit Scan + Double	11	**[Left-Right]** Double 2Hz	20	**[All]** Ultra
3	**[Wig-Wag]** Slow-Fast	12	**[Left-Right]** Quint	21	**[All]** Single-Quad
4	**[Outside-In]** Single	13	**[Left-Right]** Ultra	22	**[All]** Single H/L
5	**[Outside-In]** Ultra	14	**[Left-Right]** Single-Quad	23	**[All]** Quint + **[Left-Right]** Mega
6	**[Side-by-Side]** Single	15	**[Left-Right]** Single H/L	24	**[Half]** Steady Half
7	**[Side-by-Side]** Ultra	16	**[Left-Right]** Quint + **[All]** Mega	25	**[All]** Steady All
8	**[Side-by-Side]** Slow-Fast	17	**[All]** Single	26	Left Chaser
9	Random	18	**[All]** Double 2Hz	27	Right Chaser

▶ WIRING FOR TRAFFIC ADVISOR WARNING STICK

RED.............to +VDC with rated fuse
(for correct rating, refer to the Fuse Rating Chart)

BLACK........ to Chassis ground

BLUE...........**[+]** Rear "Left Arrow" **[P2]**
ORANGE.....**[+]** Rear "Right Arrow" **[P2]** — Rear "Centre Out Arrow" **[P1]**

BROWN.......**[+]** Warning Mode **[P3]**

GREEN........**[+]** Low Power Operation *or* **[+]** End-Flasher*
*See "Firmware Selection" for End-Flasher Mode.

WHITE.........**[ ]** Control Panel Indicator Signal out (connect to a compatible Control Panel)

YELLOW.....**[+]** Flash Pattern Selection (refer to respective pattern chart) While End-Flasher, Traffic Advising or Warning Mode is activated, Momentarily apply **+VDC** to **YELLOW** wire:
· Once to next pattern
· Quick 3 times to FP#1

NOTE: [Px] = Precedence order, when more than a wire is activated at the same time, higher priority wire will affect lower priority wire. P1 being the highest priority.

Fuse Rating	
6-Head Model = 4 Amps	10-Head Model = 7 Amps
8-Head Model = 6 Amps	

End Flasher Patterns (Green)	
1	Double [2Hz] (all)
2	Quad [2Hz] (all)
3	Single [2Hz] (all)
4	Double [2Hz] (split)
5	Quad [2Hz] (split)
6	Single [2Hz] (split)

Traffic Advisor Warning Stick Patterns (Brown)			
1	Random / Custom	11	**[Wig-wag]** Slow-Fast
2	Random Standard	12	**[Left-Right]** Single
3	**[Outside-In]** Single	13	**[Left-Right]** Ultra
4	**[Outside-In]** Ultra	14	**[Left-Right]** Single H/L
5	**[Side-by-Side]** Single	15	**[Left-Right]** Quint + **[All]** Mega
6	**[Side-by-Side]** Ultra	16	**[All]** Single
7	**[Side-by-Side]** Slow-Fast	17	**[All]** Double
8	Kit Scan	18	**[All]** Ultra
9	Kit Scan Split	19	**[All]** Quint + **[Left-Right]** Mega
10	Kit Scan Dual + Double	20	**[All]** Steady

Arrow Patterns (Orange / Blue)	
1	Sweep Single
2	Sweep Double
3	Sweep Triple
4	Sweep Single End x2
5	Solid
6	Solid End x2
7	Solid Chaser
8	Solid Fade
9	Blink Double
10	Blink Triple
11	Blink Solid

▼ FIRMWARE SELECTION FOR TRAFFIC ADVISOR WARNING STICK

All Traffic Advisor Warning Stick come with built-in selectable firmwares. To change firmware:

1. Apply **+VDC** to **RED**, **YELLOW** and **GREEN** wires simultaneously then remove **GREEN** wire from **+VDC** to enter FIRMWARE selection.

2. Once in FIRMWARE selection mode, the unit will display one of the following patterns.

6 Head Traffic Arrow

6 Head Traffic Arrow with End Flashers (Single Pair)

6 Head Traffic Arrow with End Flashers (Dual Pair)

8 Head Traffic Arrow

8 Head Traffic Arrow with End Flashers (Single Pair)

8 Head Traffic Arrow with End Flashers (Dual Pair)

10 Head Traffic Arrow

10 Head Traffic Arrow with End Flashers (Single Pair)

10 Head Traffic Arrow with End Flashers (Dual Pair)

3. Momentarily apply **GREEN** wire to **+VDC** to change FIRMWARE.

4. Once a desired FIRMWARE is selected, save and exit by disconnect all power.

▼ CUSTOM PATTERN PROGRAMMING FOR TRAFFIC ADVISOR WARNING STICK

PROGRAMMING

FP#1 Random Custom pattern from Warning Patterns can be customized. This can only be done through firmware that is set to Traffic Arrow.

To configure FP#1 flash pattern:

1. Activate Warning Patterns by applying **+VDC** to **BROWN** wire.

2. Scroll to flash pattern FP#1 by quickly tapping **+VDC** 3 times to **YELLOW** wire .

3. Enter PROGRAMMING by quickly tapping **+VDC** 3 times to **GREEN** wire.

4. Once in PROGRAMMING, all lightheads will faintly blink once every second. The center pair of lightheads will be activated.

5. Tap **+VDC** to **YELLOW** wire:
   · Once for next pattern (see Lighthead Pattern Chart).
   · Quick 3 times for FP#1.

6. Scroll to the next pair of lightheads by tapping **+VDC** to **GREEN** wire.

7. Repeat steps 5 and 6 until all lightheads are properly configured.

8. Exit PROGRAMMING by quickly tapping **+VDC** 3 times to **GREEN** wire or disconnect all power.

RESETTING

To restore factory setting:

1. Apply **+VDC** to **RED**, **YELLOW** and **GREEN** wires simultaneously for more than 3 seconds and remove **GREEN** wire from **+VDC** to enter FIRMWARE selection.

2. Once in FIRMWARE selection mode, momentarily apply **GREEN** wire to **+VDC** for more than 3 seconds to reset. All lightheads will blink once to indicate the reset.

3. Save and exit by disconnect all power.

	Programmable Lighthead Pattern	
1	Steady	(All)
2	Single Slow	(Left-Right Split)
3	Single Mid	(Left-Right Split)
4	Single Fast	(Left-Right Split)
5	Double 2Hz	(Left-Right Split)
6	Double	(Left-Right Split)
7	Qoad 2Hz	(Left-Right Split)
8	Ultra	(Left-Right Split)
9	Single-Quad	(Left-Right Split)
10	Single H/L	(Left-Right Split)
11	Random	(All)
12	Off	
13	Single Slow	(All)
14	Single Mid	(All)
15	Single Fast	(All)
16	Double 2Hz	(All)
17	Double	(All)
18	Qoad 2Hz	(All)
19	Ultra	(All)
20	Single-Quad	(All)
21	Single H/L	(All)