

► FIRMWARE SELECTION FOR TRAFFIC ARROW STICKS

All units come with built-in selectable firmwares. To change firmware:

1. Apply **+VDC** to **RED** 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, the unit will display one of the following patterns.

6 Head Traffic Arrow



6 Head Traffic Arrow with End Flashers (single head)



6 Head Traffic Arrow with End Flashers (dual head)



8 Head Traffic Arrow



8 Head Traffic Arrow with End Flashers (single head)



8 Head Traffic Arrow with End Flashers (dual head)



10 Head Traffic Arrow



10 Head Traffic Arrow with End Flashers (single head)



10 Head Traffic Arrow with End Flashers (dual head)



3. Momentarily apply **GREEN** wire to **+VDC** to change FIRMWARE.
4. Once desired FIRMWARE is selected, exit by applying **GREEN** wire to **+VDC** for more than 7 seconds or just disconnect all power.

► LIGHTHEAD PROGRAMMING FOR RANDOM CUSTOM

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** to **YELLOW** wire 3 times.
3. Enter PROGRAMMING by quickly tapping **+VDC** to **GREEN** wire 3 times.
4. Once in PROGRAMMING, all lighthoods will faintly blink once every second. The center pair of lighthoods will be activated.
5. Tap **+VDC** to **YELLOW** wire:
 - Once for next pattern (see Lighthouse Patterns).
 - Quickly 3 times within 1 second for FP#0.
6. Scroll to the next pair of lighthoods by tapping **+VDC** to **GREEN** wire.
7. Repeat steps 5 and 6 until all lighthoods are properly configured.
8. Exit PROGRAMMING by quickly tapping **+VDC** to **GREEN** wire 3 times or just disconnect all power.

FP#	Lighthouse Patterns
0	Steady
1	Single Slow (split)
2	Single Mid (split)
3	Single Fast (split)
4	Double 2Hz (split)
5	Double (split)
6	Quad 2Hz (split)
7	Ultra (split)
8	Single-Quad (split)
9	Single H/L (split)
10	Random
11	Off
12	Single Slow (all)
13	Single Mid (all)
14	Single Fast (all)
15	Double 2Hz (all)
16	Double (all)
17	Quad 2Hz (all)
18	Ultra (all)
19	Single-Quad (all)
20	Single H/L (all)

RESETTING

To restore factory setting:

1. Apply **+VDC** to **RED** 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 lighthoods will blink once to indicate reset.