

TOMAR

Instruction Manual



R¹³_{&14}L-STICKS

Mini LED Lightstick Series

IS0553-02
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L-Stick Wiring

Red	+12Vdc
Black	Ground
Orange	Warning Mode 1
Blue	Warning Mode 2
Orange & Blue	Warning Mode 3
Red/White	Left Arrow
Brown/White	Right Arrow
Red/White & Brown/White	Center Out
Brown	N/A
Green	Intensity Control

Programming Instructions

Entering Programming Mode:

To activate the L-Stick programming mode, connect the BLACK Wire to ground then simultaneously attach the GREEN wire and the RED wire to +12 Vdc.

Changing Warning Patterns and Flash Rates:

Three unique warning patterns can be selected using the ORANGE and BLUE mode selection wires. See example below:

ORANGE WIRE = Warning Mode 1

BLUE WIRE = Warning Mode 2

ORANGE & BLUE WIRE = Warning Mode 3

To change the warning mode, attach the wire(s) corresponding to the mode to be changed to +12Vdc. Tap the Red/WHITE wire to +12Vdc to advance the flash pattern. See the list of available flash patterns below.

A unique flash rate can be assigned to each warning mode. To change the flash rates enter the programming mode as described above. Move the green wire from +12Vdc to Ground. Tap the BROWN/WHITE wire to +12Vdc to advance the flash rate. See the list of available flash rates below.

Changing Traffic Direction Patterns and Flash Rates:

To change the Traffic Direction pattern, activate the L-Stick programming mode by connecting the BLACK Wire to ground then simultaneously attach the GREEN wire, RED/WHITE wire and the RED wire to +12 Vdc. Tap the BROWN wire to +12Vdc to advance the flash pattern. See the list of available Traffic Direction patterns below.

A unique flash rate can be assigned to the Traffic Direction mode. To change the flash rates enter the programming mode as described above. Move the green wire from +12Vdc to Ground. Tap the BROWN wire to +12Vdc to advance the flash rate. See the list of available flash rates below.

Flash Patterns, Warning Modes (All Versions):

- 1) OFF
- 2) COMBINATION *** DEFAULT SCROLL FLASH*
- 3) INBOARD OUTBOARD
- 4) LEFT RIGHT
- 5) ALTERNATE
- 6) RANDOM
- 7) SINGLE OUTBOARD
- 8) DOUBLE OUTBOARD
- 9) SINGLE INBOARD
- 10) DOUBLE INBOARD
- 11) TRIPLE INBOARD (not available on 6 lamp versions)
- 12) SWEEP

Flash Rates (All Versions):

- 1) SINGLE FLASH
- 2) DOUBLE FLASH
- 3) NEOBE FLASH
- 4) SCROLL FLASH WARNING PATTERNS

Flash Patterns, Traffic Direction Modes:

12 Channel Versions

- 1) 12 ELEMENT ARROW TRAIL **** DEFAULT SINGLE FLASH*
- 2) 12 ELEMENT ARROW FILL
- 3) 10 ELEMENT ARROW TRAIL, WARNING LAMPS OFF
- 4) 10 ELEMENT ARROW FILL, WARNING LAMPS OFF
- 5) 10 ELEMENT ARROW TRAIL with 2 Warning (SINGLE OUTBOARD) ALTERNATING
- 6) 10 ELEMENT ARROW FILL with 2 Warning (SINGLE OUTBOARD) ALTERNATING
- 7) 10 ELEMENT ARROW TRAIL with 2 Warning (SINGLE OUTBOARD) SIMULTANIOUS
- 8) 10 ELEMENT ARROW FILL with 2 Warning (SINGLE OUTBOARD) SIMULTANIOUS
- 9) 8 ELEMENT ARROW TRAIL, WARNING LAMPS OFF
- 10) 8 ELEMENT ARROW FILL, WARNING LAMPS OFF
- 11) 8 ELEMENT ARROW TRAIL with 4 Warning (DUAL OUTBOARD) ALTERNATING
- 12) 8 ELEMENT ARROW FILL with 4 Warning (DUAL OUTBOARD) ALTERNATING
- 13) 8 ELEMENT ARROW TRAIL with 4 Warning (DUAL OUTBOARD) SIMULTANIOUS
- 14) 8 ELEMENT ARROW FILL with 4 Warning (DUAL OUTBOARD) SIMULTANIOUS

10 Channel Versions

- 1) 10 ELEMENT ARROW TRAIL, WARNING LAMPS OFF *** DEFAULT SINGLE FLASH
- 2) 10 ELEMENT ARROW FILL, WARNING LAMPS OFF
- 3) 8 ELEMENT ARROW TRAIL, WARNING LAMPS OFF
- 4) 8 ELEMENT ARROW FILL, WARNING LAMPS OFF
- 5) 8 ELEMENT ARROW TRAIL with 2 Warning (SINGLE OUTBOARD) ALTERNATING
- 6) 8 ELEMENT ARROW FILL with 2 Warning (SINGLE OUTBOARD) ALTERNATING
- 7) 8 ELEMENT ARROW TRAIL with 2 Warning (SINGLE OUTBOARD) SIMULTANIOUS
- 8) 8 ELEMENT ARROW FILL with 2 Warning (SINGLE OUTBOARD) SIMULTANIOUS
- 9) 6 ELEMENT ARROW TRAIL, WARNING LAMPS OFF
- 10) 6 ELEMENT ARROW FILL, WARNING LAMPS OFF
- 11) 6 ELEMENT ARROW TRAIL with 4 Warning (DUAL OUTBOARD) ALTERNATING
- 12) 6 ELEMENT ARROW FILL with 4 Warning (DUAL OUTBOARD) ALTERNATING
- 13) 6 ELEMENT ARROW TRAIL with 4 Warning (DUAL OUTBOARD) SIMULTANIOUS
- 14) 6 ELEMENT ARROW FILL with 4 Warning (DUAL OUTBOARD) SIMULTANIOUS

8 Channel Versions

- 1) 8 ELEMENT ARROW TRAIL *** DEFAULT SINGLE FLASH
- 2) 8 ELEMENT ARROW FILL
- 3) 6 ELEMENT ARROW TRAIL with 2 Warning (SINGLE OUTBOARD) ALTERNATE
- 4) 6 ELEMENT ARROW FILL with 2 Warning (SINGLE OUTBOARD) SIMULTANIOUS

6 Channel versions

- 1) 6 LED TRAIL ARROW *** DEFAULT SINGLE FLASH
 - 2) 6 LED FILL ARROW
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