

CONTROL WIRING FOR TRAFFIC ARROW STICKS

RED : to +VDC (with fuse according to the FUSE chart)

BLACK : to chassis ground

ORANGE : to +VDC for Left Arrow

ORANGE+BLUE : to +VDC for Center Out

BLUE : to +VDC for Right Arrow

BROWN : to +VDC for Warning Patterns (Arrow Function wires must be deactivated).

GREEN : to +VDC for Low Power (disconnect for High Power)
or for end flasher heads on/off (only for models with end flashers)

YELLOW : for Pattern Change, momentarily apply to +VDC once for next pattern, and quickly 3 times for reset to FP#1. (refer to Patterns chart)

WHITE : only used when connecting with SW610-TA switch (sold separately)

Recommended FUSE	
4 HEADS= 3 Amps	8 HEADS= 6 Amps
6 HEADS= 4 Amps	10 HEADS= 7 Amps

Note : The correct side up is facing the front of the stick with wiring coming out the right side.

FP#	WARNING PATTERNS (BROWN)		
1	Random Custom	11	Wig-Wag Slow-Fast
2	Random Standard	12	Single (split)
3	Outside-In Single	13	Ultra (split)
4	Outside-In Ultra	14	Single H/L (split)
5	Side-by-Side Single	15	Quint (split) + Mega (all)
6	Side-by-Side Ultra	16	Single (all)
7	Side-by-Side Slow-Fast	17	Double (all)
8	Kit Scan	18	Ultra (all)
9	Kit Scan Split	19	Quint (all) + Mega (split)
10	Kit Scan Dual + Double	20	Steady (all)

FP#	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

*(split)=left-right alternating *(all)=all LEDs on

Note: This unit may not be factory set at FP#1

CONTROL WIRING FOR TRAFFIC ARROW STICKS WITH END FLASHERS

For models with end flasher, activate end flashers by applying

GREEN to +VDC. While active, momentarily apply **YELLOW** to +VDC once to change to next pattern, and quickly 3 times for reset to FP#1.

(refer to End Flasher Patterns chart)

Note: Arrow functions must be off to change End Flasher patterns.

FP#	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)

CONTROL WIRING FOR WARNING STICKS

RED : to +VDC (with fuse according to the FUSE chart)

BLACK : to chassis ground

WHITE : for Simultaneous or Alternating Flash (for multi-sticks only)
 Group1: Sticks with **WHITE** connected to **RED** will flash together
 Group2: Sticks with **WHITE** not connected to **RED** will flash together
 *Group1 will alternate with Group2

YELLOW : for Synchronization & Flash Pattern Change (refer to Flash Patterns chart)
 Connect **YELLOW** wires of all sticks together for synchronization
 *All sticks must be set at the same pattern

Note: Some patterns are not suitable for synchronization.

Momentarily apply +VDC to **YELLOW** wire:

- Once for next pattern
- Quickly 3 times for reset to FP#1

FP#	FLASH PATTERNS				
1	Kit Scan	10	Single (split)	19	Quint (all)
2	Kit Scan + Double	11	Double (split) 2Hz	20	Ultra (all)
3	Wig-Wag Slow-Fast	12	Quint (split)	21	Single-Quad (all)
4	Outside-In Single	13	Ultra (split)	22	Single H/L (all)
5	Outside-In Ultra	14	Single-Quad (split)	23	Quint (all) + Mega (split)
6	Side-by-Side Single	15	Single H/L (split)	24	Steady Half
7	Side-by-Side Ultra	16	Quint (split) + Mega (all)	25	Steady All
8	FP#6 Slow-Fast	17	Single (all)	26	Left Chaser
9	Random	18	Double (all) R65	27	Right Chaser

*(split)=left-right alternating *(all)=all LEDs on

Note: This unit may not be factory set at FP#1

CONNECTION TO SW610-TA SWITCH PANEL (sold separately)

1. Choose a place to install the Switch Panel.
2. Route Switch Panel **RED** & **BLACK** wires toward vehicle battery.
3. Route Traffic Arrow Stick wires to Switch Panel and splice same color wires together.

Console Mount Installation

1. Check that all parts are present.
2. Flip to the rear side and position Switch Panel accordingly.
3. Secure Mounting Flaps with screws so that they firmly pinch the Console Panel.
4. Splice wires with Traffic Arrow Stick wires and mount Console Panel onto Console.

Note: AUX button activates Low Power or End Flasher function.

Screw Mount Installation

Mount by using the 2 holes at the top with the 2 supplied screws.

Plug harness to the back of panel, and splice wires with Traffic Arrow Stick wires.

Note: do not splice **RED** and **BLACK** wires with Traffic Arrow Stick wires. They must be connected to +VDC and ground.