

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

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

ORANGE+BLUE : to +VDC for Center Out

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.

