

Schematics

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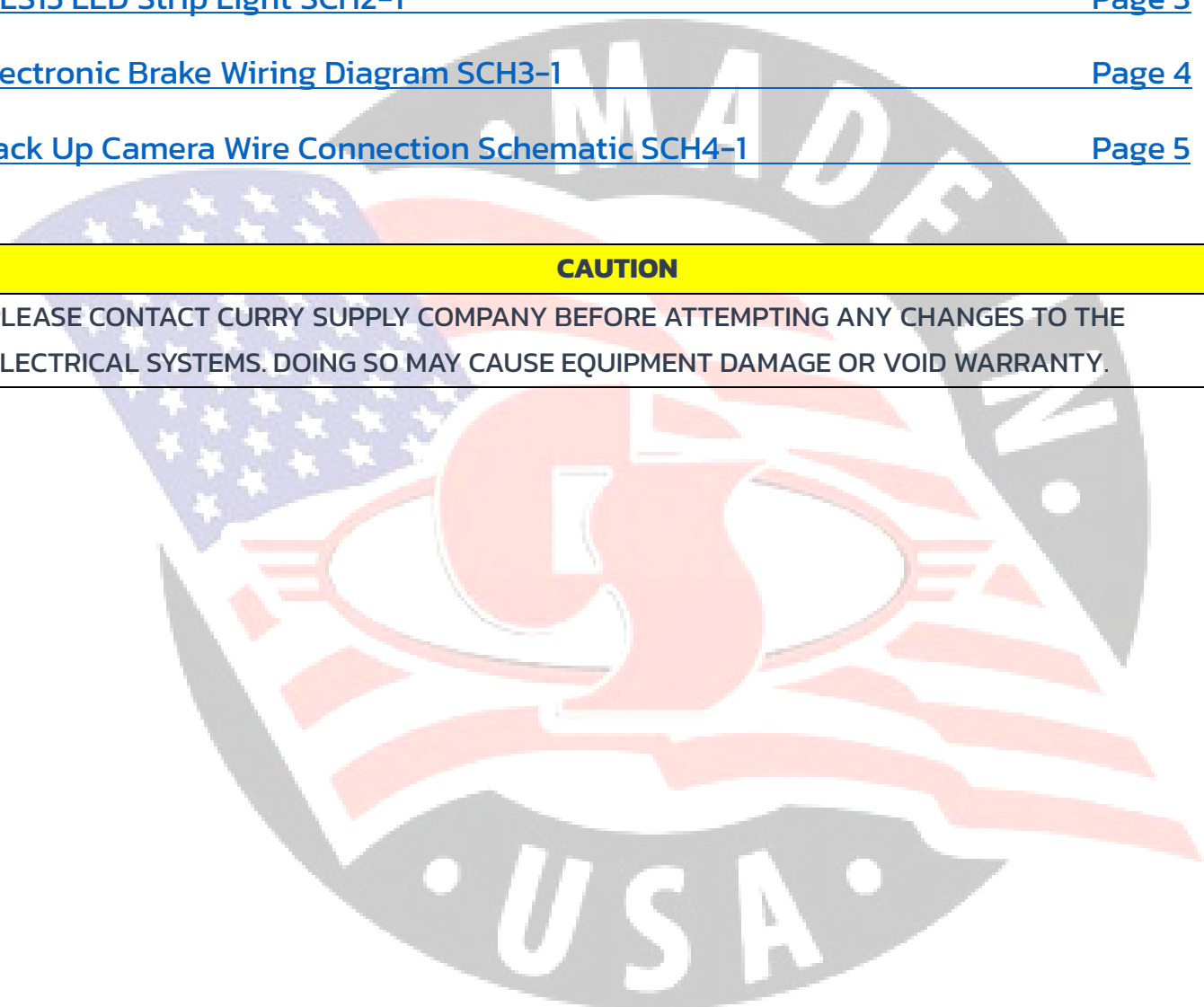
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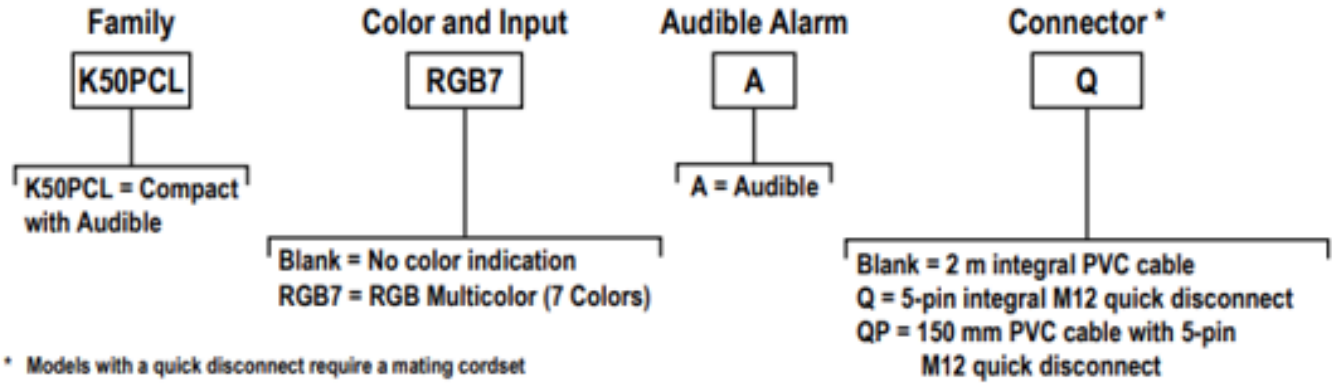
CAUTION

PLEASE CONTACT CURRY SUPPLY COMPANY BEFORE ATTEMPTING ANY CHANGES TO THE ELECTRICAL SYSTEMS. DOING SO MAY CAUSE EQUIPMENT DAMAGE OR VOID WARRANTY.



K50 Pro Compact with Audible Indicator Wiring Diagram SCH1-1

Models



Wiring Diagrams

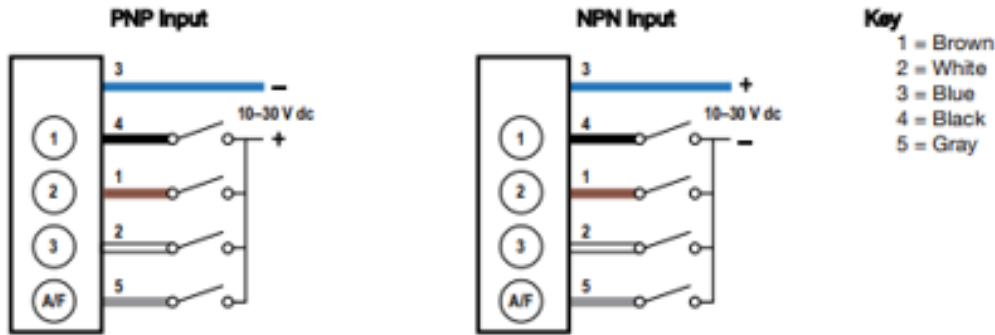


Table 1: RGB with Audible Indicator Default Values

Color	Red	Green	Yellow	Blue	Magenta	Cyan	White	Audible (No color)
Input 1	X		X		X		X	
Input 2		X	X			X	X	
Input 3				X	X	X	X	
Input 4 ¹								X

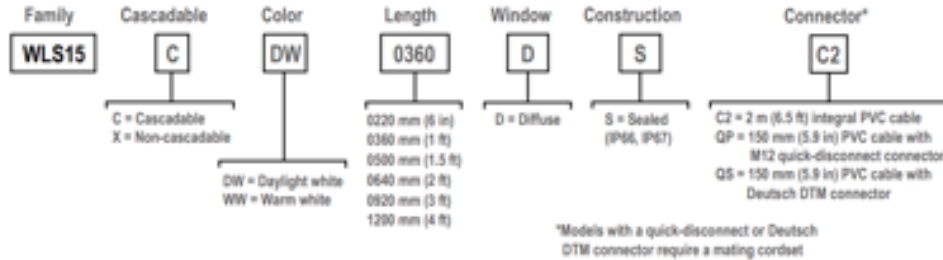
Table 2: Audible Indicator Only – Default Values for Low Intensity Tones

Audible	Continuous 2	Whoop	Pulse	Staccato	Siren	Jingle	Melody 1
Input 1	X			X	X		X
Input 2		X		X		X	X
Input 3			X		X	X	X
Input 4 ¹							

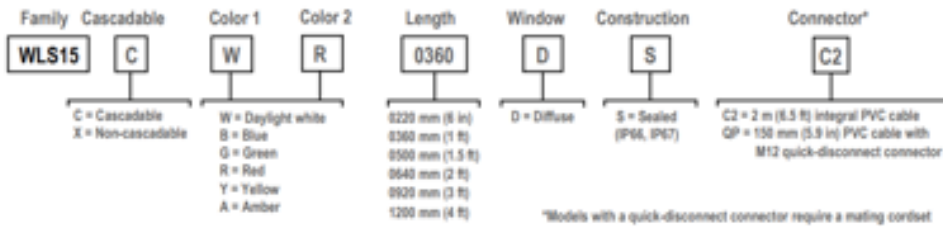
An "X" denotes an active input. for example when Input 1 and Input 3 are active. the indicator will show Magenta.

WLS15 LED Strip Light SCH2-1

Single Color Models



Dual Color Models



Wiring Diagrams

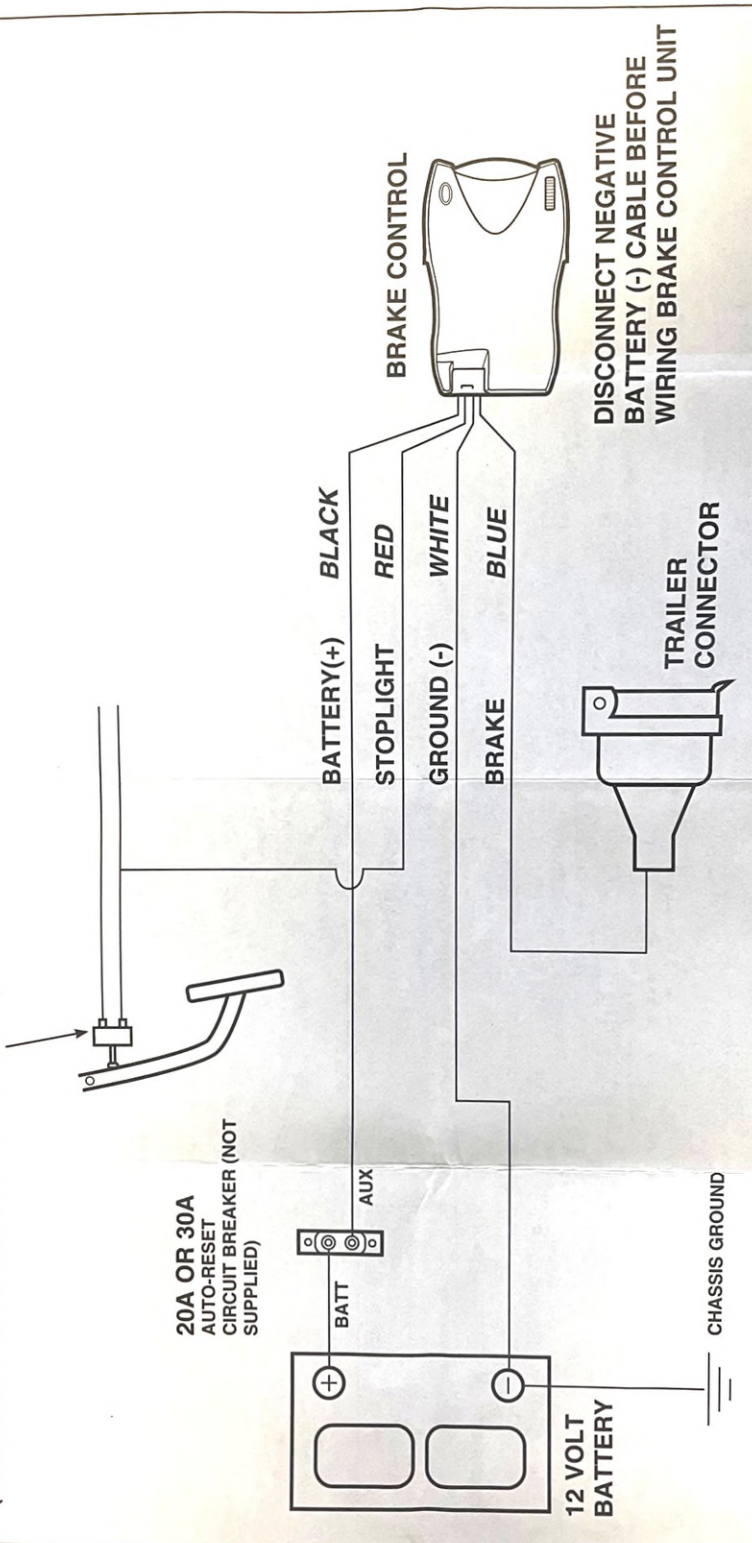
QP Models					
Male	Female	Pin	Wire Color	Single Color Models	Dual Color Models
		1	brown	12 V DC or 24 V DC	Color 1: 12 V DC or 24 V DC
		3	blue	DC common	DC common
		4	black	Not used	Color 2: 12 V DC or 24 V DC (color 2 overrides color 1)
		2	white	Not used	Not used

QS Models: Single Color Models Only					
Male	Female	Pin	Wire Color	Connection	
		1	brown	12 V DC or 24 V DC	
		2	blue	DC common	

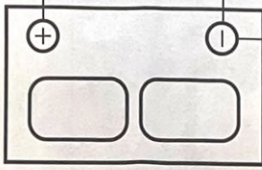
Electronic Brake Wiring Diagram SCH3-1

Generic Wiring Diagram (Option 1)

STOPLIGHT SWITCH - CONNECT TO COLD SIDE
(VOLTAGE ONLY WHEN PEDAL IS PUSHED)



20A OR 30A
AUTO-RESET
CIRCUIT BREAKER (NOT
SUPPLIED)



12 VOLT
BATTERY

CHASSIS GROUND

BATTERY (+) BLACK

STOPLIGHT RED

GROUND (-) WHITE

BRAKE BLUE

BRAKE CONTROL



TRAILER
CONNECTOR

DISCONNECT NEGATIVE
BATTERY (-) CABLE BEFORE
WIRING BRAKE CONTROL UNIT

Wiring Legend

- BLACK Wire (Positive Battery)
- WHITE Wire (Negative Battery)
- RED Wire (cold side of stoplight switch)
- BLUE Wire (brake output to trailer)

Wiring Connections

1. The WHITE (-) wire must be connected to a known ground.
2. **WARNING** Inadequate grounding may cause intermittent braking or lack of sufficient voltage to trailer brakes. The WHITE wire must be connected to a suitable ground location. The negative terminal of the battery is a suitable ground location in the absence of a Trailer Tow Package connection.

3. Connect BLACK (+) wire through an automatic reset circuit breaker (20 amp for 1-2 axles, 30 amp for 3-4 axles) to the POSITIVE (+) terminal of the battery. The BLACK wire is the power supply line to the brake control.
4. The RED (stoplight) wire must be connected to the cold side of the brake pedal stoplight switch. Splice down line from the switch; DO NOT disturb the position of the switch.

5. The BLUE (brake output) wire must be connected to the trailer connector's brake wire.

Back Up Camera Wire Connection Schematic SCH4-1

4. CONNECTION

