

SW830-2 Multi-purpose Switch / Control Panel

INSTALLATION

It is essential to install the unit properly to ensure safe and reliable operation. Please read through all instructions thoroughly and carefully before installing the unit. The correct mounting and wiring is the key to the effectiveness of SW830-2 switch. Installers must read and follow installation instructions and warnings in the manual from original manufacturer. The vehicle operator should verify this system is fastened to the vehicle securely and is functioning properly. Failure to follow all safety precautions and instructions may void warranties, cause personal injury and/or vehicle damage, including fire.



Control Panel

MOUNTING

Assemble the included panel stand and secure it onto a desired smooth surface via suction cup, where it can be easily accessed by the vehicle operator. If no smooth surface is present, use the included adhesive base to assist the mounting; ensure that the surface is cleaned thoroughly before applying the adhesive base onto the mounting surface. Once the mounting stand is fitted, secure the control panel tightly onto the stand.

WARNING: Do not interfere with the proper operation of the vehicle airbag deployment system.

WIRING

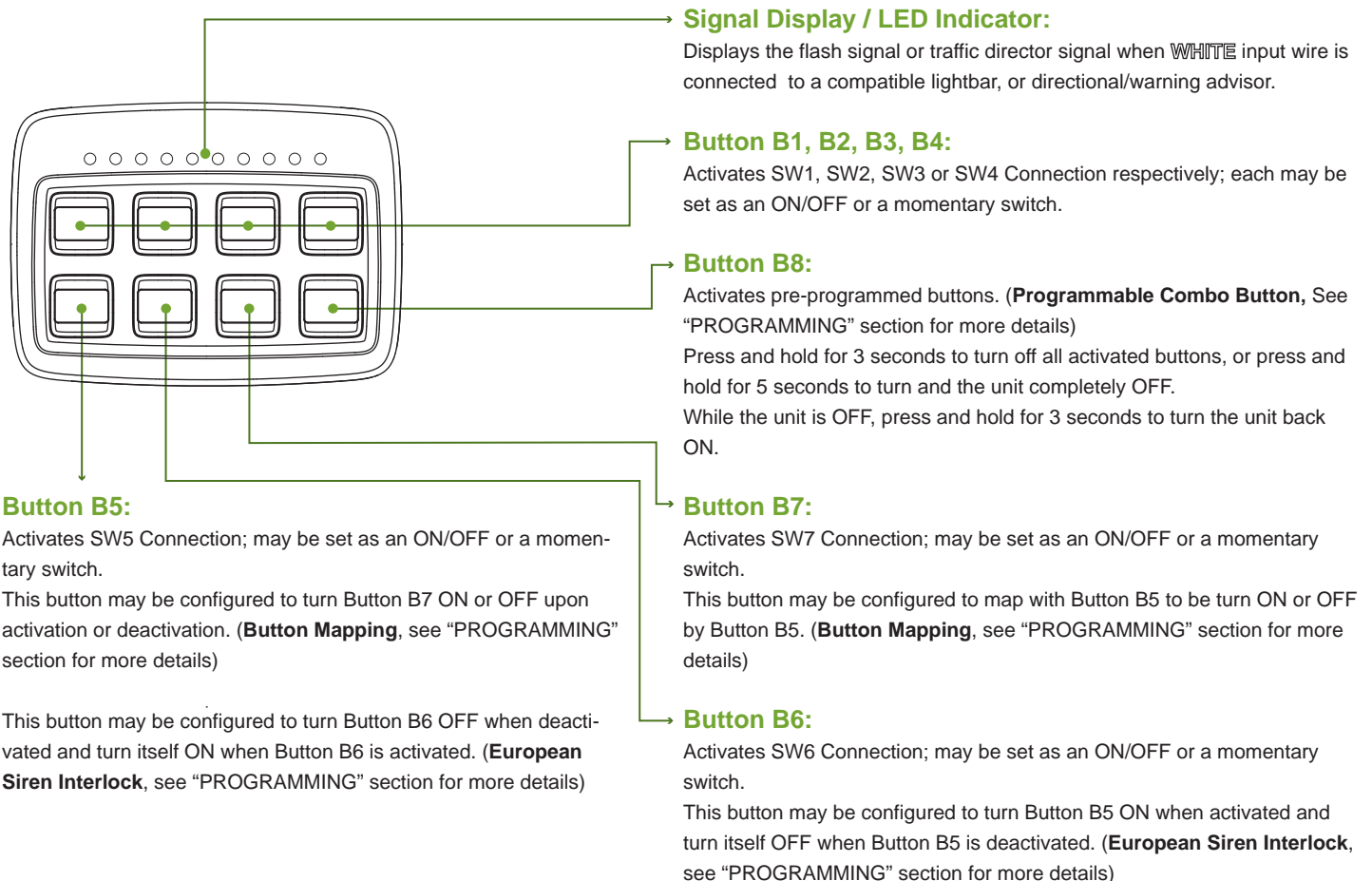
Use wires that are capable of handling the required current. Route the wires properly to prevent wear, overheating and interference with air bag deployment. Ensure that all connections are tight and double check wiring before connecting to the vehicle battery.

SW1, SW2, SW3, SW4 : +VDC Output Connections, each connects to one auxiliary device / relay / input up to 0.1 Amps max.

SW5, SW6, SW7 : +VDC Output Connections, each connects to one auxiliary device / relay / input up to 0.2 Amps max.

BLACK	-GND	GREEN	SW4
RED	+VDC	BLUE	SW5
YELLOW	SW1	BROWN	SW6
ORANGE	SW2	GRAY	SW7
PURPLE	SW3	WHITE	LED Display Signal

CONTROL PANEL / FUNCTION



PROGRAMMING

Programmable Combo Button:

Button B8 may be used to activate pre-programmed buttons from Button B1 to B7.

To set-up pre-programmed buttons:

1. Press and hold **B1** and **B4** for 3 seconds to enter PROGRAMMING MODE.
Top Left LED Indicator x4 will light to indicate that you are in PROGRAMMING MODE.
2. While in PROGRAMMING MODE, press and hold **B8** for 3 seconds to start button binding.
3. While Top Right LED Indicator x4 is blinking, turn ON the desired button(s) to bind with Button B8.
4. Once set, press and hold **B8** for 3 seconds to save the selected buttons then press and hold **B1** and **B4** for 3 seconds to exit PROGRAMMING MODE.

ON/OFF or Momentary Button Setting:

Button B1 to B7 may be set as an ON/OFF or a momentary activation.

1. Press and hold **B1** and **B4** for 3 seconds to enter PROGRAMMING MODE.
Top Left LED Indicator x4 will light to indicate that you are in PROGRAMMING MODE.
2. While in PROGRAMMING MODE, turn ON or OFF the desired button for the following scenario:

Button B1~B7 Red Backlit	Button Mode
OFF	ON/OFF (default)
ON	Momentary

3. Once set, press and hold **B1** and **B4** for 3 seconds to exit PROGRAMMING MODE.

European Siren Interlock:

The Button B5 and B6 may be configured so that Button B5 turns Button B6 OFF when deactivated and turn itself ON when Button B6 is activated.

This configuration is commonly used for that Button B5 is used as the primary visual warning device and Button B6 is use as a siren activation.

1. Press and hold **B1** and **B4** for 3 seconds to enter PROGRAMMING MODE.
Top Left LED Indicator x4 will light to indicate that you are in PROGRAMMING MODE.
2. While in PROGRAMMING MODE, press Button B6 for 3 seconds to turn ON/OFF the green backlit.

Button B6 Green Backlit	Mode
OFF	Interlock OFF (default)
ON	Interlock ON

3. Once set, press and hold **B1** and **B4** for 3 seconds to exit PROGRAMMING MODE.

Note: When configuring as Button mapping mode, Button B5 and Button B6 must be configured as "ON/OFF switch".

Button Mapping:

Button B7 may be set to activate and deactivate by Button B5.

1. Press and hold **B1** and **B4** for 3 seconds to enter PROGRAMMING MODE.
Top Left LED Indicator x4 will light to indicate that you are in PROGRAMMING MODE.
2. While in PROGRAMMING MODE, press Button B5 for 3 seconds to turn ON/OFF the green backlit.

Button B5 Green Backlit	Mode
OFF	No Button Mapping (default)
ON	Button B7 Mapped with Button B5

3. Once set, press and hold **B1** and **B4** for 3 second to exit PROGRAMMING MODE.

Note: When configuring as Button mapping mode, Button B5 and Button B7 must be configured as an "ON/OFF Switch".

LED Signal Display Mode Change:

The 10-LED Signal Display may display either the Lightbar flash signal or the directional / warning advisor flash signal. To change the display mode:

1. Press and hold **B1** and **B4** for 3 seconds to enter PROGRAMMING MODE.
Top Left LED Indicator x4 will light to indicate that you are in PROGRAMMING MODE.
2. While in PROGRAMMING MODE, press Button B8 to turn ON/OFF the red backlit.

Button B8 Red Backlit	Mode
OFF	Lightbar flash signal (default)
ON	Directional / warning advisor flash signal

3. Once set, press and hold **B1** and **B4** for 3 seconds to exit PROGRAMMING MODE.