

Installation Manual: ID-11 Plus Compact Smart Fuse Box

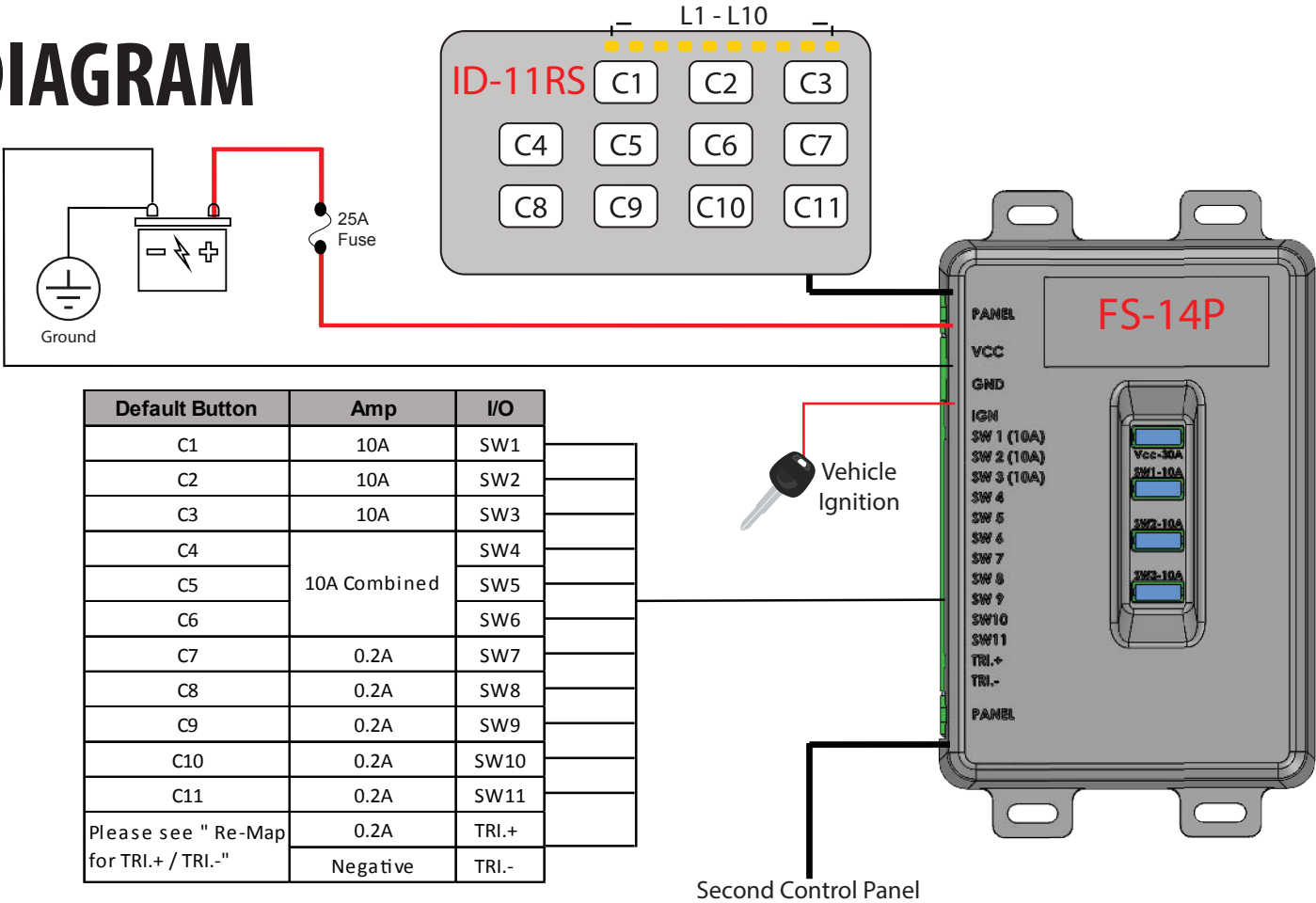
NOTE: Do not install and/or operate this product unless you have read and understand all the safety information and instructions contained in this manual.

IMPORTANT!

This manual provides all the necessary information for your product to be properly and safely installed. Please read all instructions before installation, and make sure you follow them carefully during the installation process. Failure to follow these instructions may result in DAMAGE to the product or vehicle, and/or SERIOUS INJURY to you and your passengers!

Product Code	ID-11 Plus
Approval	R10
Working Temperature	-30°C~+70°C
Input Voltage	12-24 VDC
Input I/O	Panel x2 Power x1
Output Voltage	same as input voltage
Output I/O	10 amp at 12VDC / 5 amp at 24VDC x3 10 amp at 12VDC / 5 amp at 24VDC (Shared) x 3 0.2 amp x5 Positive / Negative Common Trigger at 0.2 amp (2 slot) x1
Dimension	ID-11RS (Controller): 100mm x 60mm x 18.5mm FS-14P (Fuse Box): 148mm x 92mm x 25mm

DIAGRAM



Programming and Function

Reset to Default

	<ul style="list-style-type: none">- Press C1 and C11 together for 10 seconds to reset all configuration to default factory setting. The Red LED backlights on all the buttons will flash 5 times to indicate the device has been reset.
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Momentary Switch Programming

Function	To set button as momentary switch
	<ul style="list-style-type: none">- Push C1 and C2 together for 5 seconds to ender Momentary Switch Programming mode. L1 and L10 will be on steady to indicate you are in programming mode for the momentary switch.- Hold the button you desire to program for 3 seconds to set it as a Momentary Switch. The Red LED backlight will flash three times to indicate it has been set as a momentary button.- Hold for another 3 seconds to reverse the setting. The Red LED Backlight will flash once to indicate it has been set as an ON/OFF switch.- Push C1 and C2 together for 5 seconds to exit the programming mode.

Warning / Traffic Light Flash Pattern Indicator: Only Available with ON / OFF Buttons

Function	To enable LED indicator feature for warning / traffic light function
	<p>Press C1 and C3 together for 5 seconds to enter Warning/Traffic Light Display Programming mode. L2 and L9 will show solid to indicate you are now in the programming mode.</p> <ul style="list-style-type: none">- By pressing the button, LED L6 to L10 will indicate which light indicator function has been selected.- After Programming, press C1 and C3 together for 5 seconds to exit the programming mode.
L10	Display Warning Light All Flash
L9	Display Middle Towards Outward
L8	Display Arrow from Left To Right
L7	Display Arrow From Right To Left
L6	LED Display Function Disabled

Reverse EU Siren Interlock Function Programming			
Function	To interlock buttons between primary and secondary button. - the secondary button will now activate when primary button is enabled. - the primary button will be disabled when secondary button is disabled. - the user may still disable the primary button on its own command.		
	- Push C1 and C4 together for 5 seconds to enter Siren Interlock Programming mode. L3 and L8 will be solid to indicate you are now in programming mode. - Press once on the selected button to set functions for interlock. The Red LED backlight will indicate your setting for the button.		
	RED LED Backlight Status		
	ON	Flashing	OFF
	Set as Master	Set as Slave	No Interlock Setting
	- Push C1 and C5 together for 5 seconds to exit the programming mode.		

EU Siren Interlock Function Programming			
Function	To interlock buttons between primary and secondary button. - the secondary button will now activate when primary button is enabled. - the secondary button will be disabled when primary button is disabled. - the secondary button can not be enabled without the activation of primary button. - the user may still disable the secondary button on its own command.		
	- Push C1 and C5 together for 5 seconds to enter Siren Interlock Programming mode. L3 and L8 will be solid to indicate you are now in programming mode. - Press once on the selected button to set functions for interlock. The Red LED backlight will indicate your setting for the button.		
	RED LED Backlight Status		
	Rapid Flashing	Slow Flashing	OFF
	Set as Master	Set as Slave	No Interlock Setting
	- Push C1 and C5 together for 5 seconds to exit the programming mode.		

Input Command for I/O SW11		
Input Command Mode	To enable the accessibility or activation of certain button base on the receival of input signal from I/O SW11	
	Push C1 and C6 together for 5 seconds to enter the programming mode. LED L5 and L6 will be solid to indicate you are in the programming mode. -Press C11 to enable or disable input function for I/O SW11. - LED L1 being “ON” indicates the feature has been enabled. And C11 will now be mapped to TRI +/-, Giving I/O SW11 the ability to receive positive input signal - LED L1 being “OFF” indicates the feature has been disabled. And C11 will be mapped back to I/O SW11 as an output. - Hold your desire button for 3 second to set as Accessible Mode* or Direct Activation Mode**. The Red LED backlight will indicate your setting for the button.	
	RED LED Backlight Status	
	Rapid Flashing	Slow Flashing
	Accessible Mode	Direct Activation Mode
	No Interlock Setting	
	- Push C1 and C6 together for 5 seconds to exit the programming mode.	
	* Accessible Mode: you may enable the selected buttons when I/O SW11 receives positive signal. ** Direct Activation Mode: the selected buttons will be directly enabled when I/O SW11 receives positive signal.	

Re-Map for TRI.+ / TRI.-	
Function	Should the user wish to control multiple devices that may contain both positive and negative triggering function at the same time. I/O TRI.+ / TRI.- provides the user the convenient of sending both positive and negative signal to its connected devices at users demand.
	Push C1 and C7 together for 5 seconds to enter Re-Map for TRI.+ / TRI.- Programming mode. LED L1-2 and L9-10 will be solid to indicate you are in programming mode. -Press your desire button for 3 second to map the button to TRI.+ / TRI.-. The Red LED backlight being “ON” indicates the function has been activated. The Red LED backlight being “OFF” indicates the feature has been disabled. -Push C1 and C7 together for 5 seconds to exit the programming mode. -The button will now activate TRI.+ / TRI.- when enabled. -you may follow instruction "Momentary Switch Programming" to set the button as a momentary button

Fleet Sync Programming	
Function	To sync configuration from one controller to another
	<ul style="list-style-type: none"> - After you had finalized the configuration on your controller, you may sync your configuration to another controller via "FS-14P" or "ID-CEM" device to shorten the setup time. - Connect the configured handheld controller (Master) to and a non-configured handheld controller (Slave) via "FS14P" or "ID-CEM" - Press C4 and C5 for 5 seconds on the Master Controller to sync the controllers. <ul style="list-style-type: none"> * LED backlight and indicator lights flash 5 times: successfully synced * LED backlight and indicator lights flash rapidly: unsuccessful synchronization.

Advance Feature: Output Connection Re-map				
Function	To re-map the position of the I/O to the buttons			
	<p>- Press C5 and C6 together for 5 seconds to enter I/O Connection Re-map Programming mode for connecting: SW1-SW11 and TRI+/- . LED L2, L4, L7 and L9 will be solid to indicate you are now in the programming mode for Output Connection Re-map.</p> <p>- Press from C1 to C11 to remap the buttons to your desired I/O port. The LED Indicators will flash to indicate which output connection the switch has been linked to.; You may use the chart on the right to assist you in completing this configuration.</p> <p>- The Red backlight of the configured buttons will be on to indicate the button has has been configured.</p> <p>- After Programming, press C5 and C6 together for 5 seconds to exit the programming mode.</p> <p>- Press C1 and C11for 10 seconds within the programming mode to set the device back to default settings. The Red backlight from C1 to C11 will flash five times to indicate the output connection has been reset back to default.</p>			
LED Indicators		Button	Default Mapping	New
L10	SW1 / 5Amp	C1	SW1	
L9	SW2 / 5Amp	C2	SW2	
L8	SW3 / 5Amp	C3	SW3	
L7	SW4 / 5Amp	C4	SW4	
L6	SW5 / 5Amp	C5	SW5	
L5	SW6 / 5Amp	C6	SW6	
L4	SW7 / 5Amp	C7	SW7	
L3	SW8 / 5Amp	C8	SW8	
L2	SW9 / 5Amp	C9	SW9	
L1	SW10 / 5Amp	C10	SW10	
L1+L10	SW11 / 5Amp	C11	SW11	
	For mapping button to TRI.+ / TRI.-, please see Re-Map for TRI.+ / TRI.-			

Warning!!!
 This product is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws pertaining to warning signal devices. Therefore, he/she should identify all laws and regulations regulating the use of such devices and conform to them. The manufacturer assumes no liability for any loss resulting from the use of this product.

Warning!!!
 Proper placement and installation of this product are vital for it to operate at its optimum efficiency. It is your responsibility to determine a suitable mounting location for the product so as to ensure the safety of all passengers onboard. Do not install this product or route any wires within the airbag deployment area of your vehicle as it may damage or reduce the effectiveness of the air bag. In worst-case scenario, it may even become a projectile that could cause serious injury or death. Before installation, please refer to the manual of your vehicle and avoid installing it within the airbag deployment area.

Manufacturer Limited Warranty Policy: Manufacturer warrants that on the date of purchase this product. This Limited Warranty extends for Thirty Six (36) months from the date of purchase.

DAMAGE TO PARTS OR PRODUCTS RESULTING FROM TAMPERING, ACCIDENT, ABUSE, MISUSE, NEGLIGENCE, UNAPPROVED MODIFICATIONS, FIRE OR OTHER HAZARD; IMPROPER INSTALLATION OR OPERATION; OR NOT BEING MAINTAINED IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES SET FORTH IN MANUFACTURER’S INSTALLATION AND OPERATING INSTRUCTIONS VOIDS THIS LIMITED WARRANTY.