INSTALLATION:
1. Choose a suitable location to install the Wireless Control Add-On.
2. Wire the Wireless Control Add-On based on the product ordered, note that there are three product options that correlate to the part number label on the Wireless Control Add-On. Each wire functions as per the tables below:

PRODUCT PART NUMBER

FLASH TECHNOLOGY
Wireless Control Add-on
83865RevA
1010050184   17345

Contains Transmitter Module
FCC ID: MCQXBPSX
IC: 1846A-XBPSX
FW83771
(i) flashtechnology.com
+1.800.821.5825
12/24V === 1A max.

83862RevA – Wireless control add-on, Multi-Step Intensity

Wire Label	Color	Function
BATTERY +	RED	Battery positive (10-30VDC)
BATTERY –	BLACK	Battery negative
PUSH BUTTON	YELLOW	External push button, connect wires together momentarily to activate
PUSH BUTTON	GREEN	button, emulates configuration button
HIGH	VIOLET	High Intensity Control Output (0-12VDC), references battery negative
MED	BROWN	Medium Intensity Control Output (0-12VDC), references battery negative
LOW	BLUE	Low Intensity Control Output (0-12VDC), references battery negative
INFRARED	ORANGE	Infrared Intensity Control Output (0-12VDC), references battery negative

83864RevA – Wireless control add-on, Contact Closure ON/OFF

Wire Label	Color	Function
BATTERY +	RED	Battery positive (10-30VDC)
BATTERY –	BLACK	Battery negative
PUSH BUTTON	YELLOW	External push button, connect wires together momentarily to activate
PUSH BUTTON	GREEN	button, emulates configuration button
CLOSURE	VIOLET	Contact closure output – control line. These connections connect
CLOSURE	BLUE	together on any visible intensity activation (20mA MAX).
ALL OUT	BROWN	All Intensity Control Output (0-12VDC), references battery negative. This output activates when any visible intensity activation
INFRARED	ORANGE	Infrared Intensity Control Output (0-12VDC), references battery negative

83865RevA – Wireless control add-on, Battery Voltage, Switched - ON/OFF

Wire Label	Color	Function
BATTERY +	RED	Battery positive (10-30VDC)
BATTERY –	BLACK	Battery negative
PUSH BUTTON	YELLOW	External push button, connect wires together momentarily to activate
PUSH BUTTON	GREEN	button, emulates configuration button
SWITCHED –	BROWN	Switched output negative (Optional, this is connected to battery negative)
SWITCHED +	ORANGE	Switched battery positive output. Output will fault if >5A for >60ms and self-recover

87784RevA – Wireless control add-on, SEPS P1

Wire Label	Color	Function
BATTERY +	RED	Battery positive (10-30VDC)
BATTERY –	BLACK	Battery negative
INPUT +	YELLOW	+12V input (active high), internal SW2 in right position
SWITCHED +	WHITE	Switched battery positive output. Will fault if >5A for >60ms and recover

3. Install and mount the provided antenna.
4. When power is available to the Wireless Control Add-On, the "RADIO ON" LED will flash.
5. To turn the Wireless Control Add-On outputs OFF press the "CONFIGURATION" button once.

PROGRAMMING:
The Wireless Control Add-On can be programmed with either the "CONFIGURATION" button on the box, or a Handheld Controller (HHC). See table below to program the product with the button method.

NOTE: When "Auto" mode is enabled, the product must be turned off manually to stop operation.

Configuration Modes:

1. Hold Button until ↓	2. Enter desired number of presses.				
	1 PRESS	**2 PRESSES**	**3 PRESSES**	**4 PRESSES**	**5 PRESSES**
No Hold	Lights Off	Auto Low	Auto Med	Auto High	
1 Flash	Temp Low	Temp Med	Temp High		
1→2 Flashes		Cont Low	Cont Med	Cont High	
1→2→3 Flashes	IR Toggle				
1→2→3→4 Flashes		UCS Status			Radio Error Status
1→2→3 →4→5 Flashes					

For example, to enable "Temp High":
1. Hold the button down until the "CONFIGURATION" LED flashes 1 time.
2. Release the button.
3. Quickly press the button 3 times.
4. The "CONFIGURATION" LED will then flash 3 times.
5. The "HIGH" LED will then flash as this mode is now enabled.

WIRELESS CONTROL ADD-ON LAYOUT: