

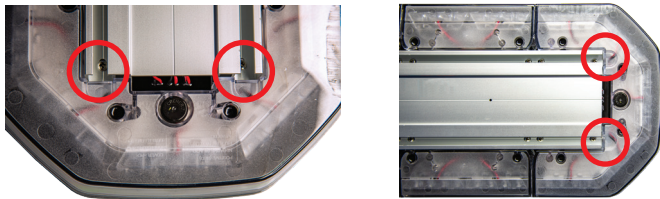
# Installation Instructions

## 8893048 & 8893148 48" LED Lightbar with Wireless Controller

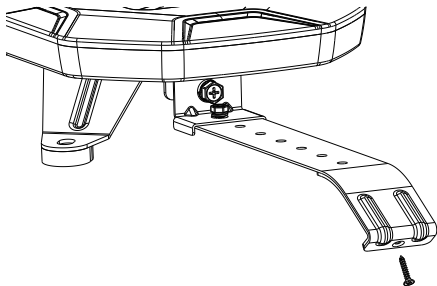
- Working voltage: 10-30 VDC
- Working temp: -40°F to 158°F

### MOUNTING INSTRUCTIONS

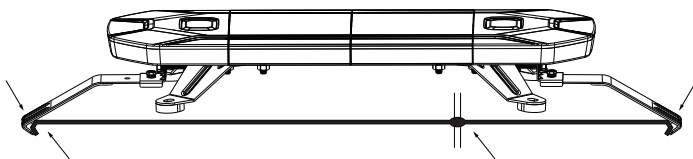
**1.** Track bolts insert from extrusion end pockets. Attach mounting brackets to track bolts. Leave loose for roof positioning. Adhere foam pads to bottom sides of mounting bracket feet.



**2.** Attach the strap hook to the mounting bracket.

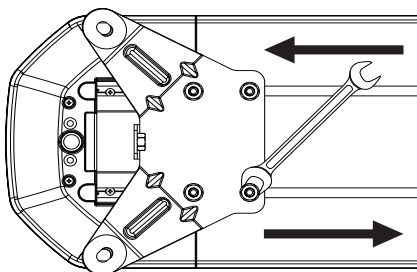


**3.** Position the lightbar on the vehicle roof.



**4.** Adjust the distance of the two strap hooks by moving the brackets so that the strap hook's fits around the vehicle gutters/sills.

**5.** Tighten the four nuts on each side of the mounting feet.



**6.** Place the strap hooks around the gutters and tighten the screws so that the lightbar is securely fastened.

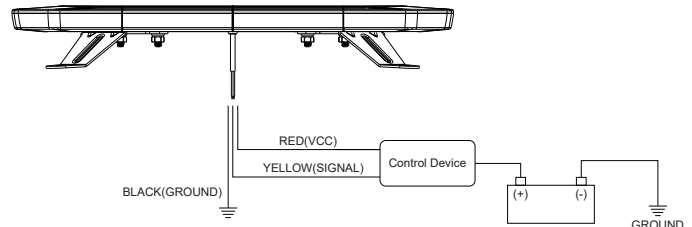


#### For Wireless Remote Use:

Route cable to 15A ignition switched source. Red to positive. If using a chassis ground, make sure to have a clean bare metal surface. Take care not to chafe wire, avoid all sharp edges, and avoid placing wire near any and all moving objects. Secure cable along the way with cable ties. **NOTE: The yellow wire is not used at this time.**

#### For Hardwired Control:

Yellow wire for manual flash pattern selection (For hardwiring to an optional wired controller)



#### Ventilation

If moisture enters the interior, there are ventilation holes on the underside. Remove the caps from the ventilation holes and allow the moisture to dry out. Then reassemble the caps. **NOTE: It is not recommended to use compressed air**



## REMOTE INSTRUCTIONS

1. Battery is Included Inside the Remote. Remove back cover and plug battery into remote
2. Fully charge battery before first use (approx. 2 hrs)  
 Charging Specs: 5VDC 500mA

### 3. Total of 13 flash patterns:

#### Flash Patterns for Amber (8893048)

	#	PATTERN	FPM
SAE	1	Single Flash By Day	125
SAE	2	Single Flash By Night	125
	3	Double Flash	125
	4	Triple Flash - Alternating Front and Back / All	22
	5	Triple Flash - Alternating Middle / Two Ends / All	22
	6	All (Single Flash) / All (Quadruple Flash)	53
	7	Single Flash: Alternating Left and Right Half	130
	8	Tracking Flash: Alternating In and Out	75
	9	Tracking Flash	150
	10	Cruise	-
	11	Center Arrow	75
	12	Left Arrow	37.5
	13	Right Arrow	37.5

#### Flash Patterns for Amber / White (8893148)

	#	PATTERN	FPM
SAE	1	Single Flash By Day	125
SAE	2	Single Flash By Night	125
	3	Single Flash - Alternating Left and Right Half	125
	4	Double Flash - Alternating Flash - Alternating Left and Right Half	125
	5	Slow Double Flash and Quick Single Flash Alternating	83
	6	Diagonal Half Double Flash	125
	7	Quadrupole Rotation Full Flash	149
	8	Tracking Flash: Alternating In and Out	75
	9	Tracking Flash	150
	10	Cruise	-
	11	Center Arrow	75
	12	Left Arrow	37.5
	13	Right Arrow	37.5

### 4. Remote button arrangement and function:



**NOTE:** Allow a 1 second delay when pressing buttons to change the flash patterns.

- "ON/OFF" is the main key to activate the remote's controlling function to the lightbar.
- "NEXT" is the key to switch the next flashing pattern from the 1st one to the next one
- "BACK" is the key to switch the previous flashing pattern
- "BY DAY" is the hot-key for single flash SAE Class 1
- "BY NIGHT" is the hot-key for single flash SAE Class 1
- "CRUISE" is for Cruise flash pattern (steady burn)
- "LEFT ARROW" is for Left Arrow traffic advisor pattern
- "CENTER ARROW" is for Center Arrow traffic advisor pattern
- "RIGHT ARROW" is for Right Arrow traffic advisor pattern

**NOTE:** Left Alley/Take Down/Right Alley are not functional on the remote

### 5. Battery Status Display

- It will show the battery status when the remote is working.



### 6. Remote and Lightbar's Controlling Status

- The 13 flashing patterns are programmed in both the lightbar and remote. The flashing modes display on the remote screen.
- To reset and sync remote controller with the lightbar, press "By Day" button.

# REMOTE CONTROLLER RECODING AND PAIRING

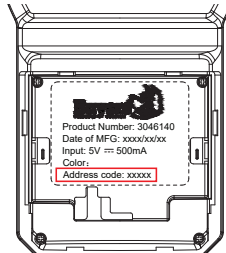
To pair a replacement controller (3046140) follow instructions below.

1. To recode the remote to the lightbar, please follow the steps below:

**A.** The LIGHTBAR is set with a unique address code in the main control board. This is the same as the one coded in the remote. This address code will be laser marked on the top of the lightbar, below the Buyers logo as well as on the back side of the wireless remote. (Please refer to Picture 1 and 2)



Picture 1



Picture 2

**B.** The LIGHTBAR is set with a unique address code when it is manufactured. The remote's address code can be set by the end user. However, the same address code marked on the lightbar must be set in the remote. The address code can be programmed from 00001~FFFFF.

2. For the all amber version or the amber/white version, the address code can be set as per steps below:

- A.** Turn on the remote controller
- B.** Press ON/OFF and LEFT/ALLEY button together for 5 seconds to enter the programming interface.
- C.** Device ID: 0X00001 means the address code



that you set for the lightbar and the remote controller.

### Device Function Set:

**ID:** set address code from 00001 to FFFFF

**Version:** for all Buyers lightbars, please choose "BS"

**Color mode:** Choose Single color(for amber) or Dual color(for amber/white)

**Color:** choose Amber for 8893048, choose Amber+Whitefor 8893148

**Button ON/OFF for "Save& Exit":** Press ON/OFF to Save&Exit when programming is done.

**Button NEXT for "Select":** Press NEXT button to select which number you want to modify or choose the Version/Color mode/Color you want.

**Button BACK for "Modify"** Press BACK button to modify address code number

### 8893048 Amber interface for reference:



### 8893148 Amber/White interface for reference:



### Warranty

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.