

# WHELEN®

ENGINEERING COMPANY INC.

51 Winthrop Road

Chester, Connecticut 06412-0684

Phone: (860) 526-9504

Internet: [www.whelen.com](http://www.whelen.com)

Sales e-mail: [autosale@whelen.com](mailto:autosale@whelen.com)

Customer Service e-mail: [custserv@whelen.com](mailto:custserv@whelen.com)

Installation Guide:  
Control Point Module  
for WeCan® Lightbars

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Overview -

*Note: If installing a WeCan lightbar into a system that includes either a Whelen CenCom Sapphire or Whelen Control, the Control Point Module is no longer required. The lightbar can be plugged directly into either of the previously mentioned units. In that event, please refer to the applicable instructional material for connection information.*

The Control Point Module serves as the 'brains' of the Whelen WC Series lightbar. The module is programmed with the WeCan™ Programming Software via the USB port and in turn, provides the necessary signals that allow the lightbar to function in the desired manner.

As represented in the WeCan™ Programming software, each of the 18 inputs may be programmed to activate any number or combination of the installed lightbar components. This is accomplished by applying +12VDC to an input. The default configurations for specific lightbars are shown on page 2.

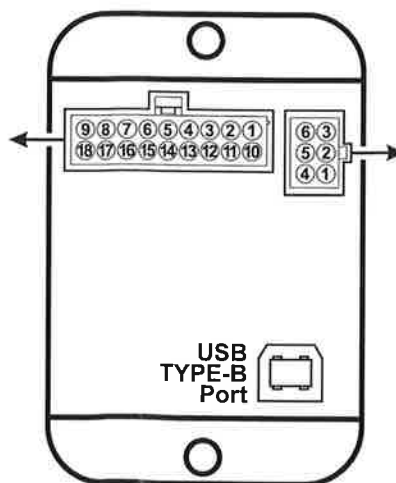
Important - The pattern override feature will override all active LED lighthoods with the pattern override flash pattern.

## Programming Procedure -

**IMPORTANT - It is not necessary to program this device unless changes to the default configuration (for example pattern or switch control changes) are desired.**

1. Connect a USB cable from the host PC to the module's USB port.
2. Start the WeCan software on the host PC and open the configuration to be programmed.
3. Click on the "WeCan" button on the menu bar. Select "Control Point" then "Program" from the fly-out.
4. A window will open to confirm that you are about to program a Control Point Module. Confirm that the USB cable is connected to both the module and the PC and then press "OK" to continue. The software will display a window when the programming procedure has been successfully completed.
5. Confirm proper operation of the module.

Refer to the appropriate table on page 2 for information on the default configuration for your application.



LIGHTBAR CABLE CONNECTOR

POS	COLOR	FUNCTION
1	RED <sup>1</sup>	+12VDC
2	None	
3	BLACK	GROUND
4	GREEN <sup>2</sup>	COMM. A
5	BLK/WHT <sup>2</sup>	SHIELD
6	GREY <sup>2</sup>	COMM. B

<sup>1</sup> Connect to an ignition controlled circuit that can accommodate an additional 250mA load.

<sup>2</sup> from lightbar