



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 SECUR 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 Description:

Combining our XA / XB Series single stack beacon, certified in ECE R65 Class I (XA) or Class II (XB), Available in Single or Dual Color (XB)) with a pole that can stretch up to 1 Meter. it is your best partner to zoom through traffic.

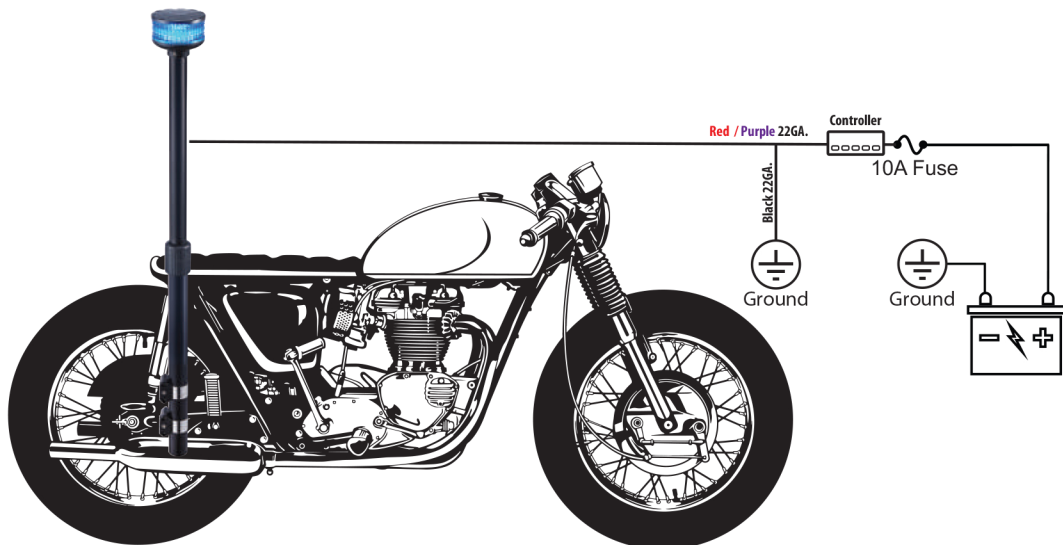
Product Code	XA	XB
Approval	R65 Class I	R65 Class II
Voltage	10-30VCD	
Current Consumption	MAX @1.3A	MAX @2.6A
Flash Pattern	18	
Working Tempature	-30°C~+50°C	
Waterproof	IP65	
Colors	A/R/B/W	
LEDs	12	24
Lens Material	PC	
Base	PC Mounting Kit	Aluminum Mounting Kit
Accessories	- POLE STRETCH FROM 54CM-92CM - 2 Meter Cable	

Wiring
 -Red: Positive (+) (with 2A fuse suggested)
 -Purple*: positive (+) (with 2A fuse suggested)
 -Black: Negative (-)
 -Blue: Touch Black (-) to change pattern
 1. Less than 1 sec. for next pattern
 2. between 1 to 3 sec. for previous pattern
 3. more than 5 sec. to reset to default
 -Blue: Connect to Blue on other modules to Sync**
 1. must set all modules to the same pattern prior to sync
 2. to activate alternate sync pattern, please set one of the module at patter ph1 and the other at ph2
 -White: Touch Black (-) to dim
 *Only available on dual color module
 **Must set all modules to the same pattern prior to sync

Warning!!!
 All wires connecting to the POSITIVE (+) terminal of the battery must be able to carry at least 125% of the maximum operating current load and fused at the battery. Do not use any circuit breakers for this product.

Warning!!!
 This product must be properly grounded. Please connect the product's ground wire directly to the NEGATIVE (-) battery post. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can result in injury and/or severe damage to your vehicle, including fire





Installation

Warning!!!

If you need to drill holes for mounting this product, please be careful not to damage any vehicle components/parts during the process. Please check both sides of the mounting surface before drilling. After drilling, make sure you de-burr any holes and remove any remnants. Grommets are also required to be installed in all wire passage holes. Then, use a sealant as recommended by your vehicle manufacturer to seal any holes so as to make them air and watertight

Cables

- Route the cables to a suitable control box (User Supplied; Maximum of 10A for Power wire, 5A for function wire)
- Connect the required wires to the control box base according to the control box' installation guide
- Apply the appropriate function wire to the Power cable (**Red / Purple**) to activate Color 1 and/or Color 2
- Apply the **Blue** wire to the Negative cable (**Black**) momentarily to change flash pattern
- Apply the White wire to the Negative cable (**Black**) to dim the light

Flash Patterns

PA1	ECE Single Flash 120 FPM Ph1	PA10	SAE Single Flash 75 FPM Ph2
PA2	ECE Single Flash 120 FPM Ph2	PA11	SAE Double Flash 75 FPM Ph1
PA3	ECE Double Flash 120 FPM Ph1	PA12	SAE Double Flash 75 FPM Ph2
PA4	ECE Double Flash 120 FPM Ph2	PA13	SAE Quad Flash 75 FPM Ph1
PA5	ECE Quad Flash 120 FPM Ph1	PA14	SAE Quad Flash 75 FPM Ph2
PA6	ECE Quad Flash 120 FPM Ph2	PA15	SAE Rotate 75 FPM Ph1
PA7	ECE Rotate 120 FPM Ph1	PA16	SAE Rotate 75 FPM Ph2
PA8	ECE Rotate 120 FPM Ph2	PA17	Steady Burn
PA9	SAE Single Flash 75 FPM Ph1	PA18	OFF

Connect the function wire to negative to trigger functions.

1 Second	: to select next pattern	4 Second	: back to default pattern (PA1)
2-3 Second	: to select previous pattern	5 Second	: to turn OFF