

## INSTALLATION AND OPERATION GUIDE

TBD-T86

-0.35M/0.62M/1.17M/1.46M



Please read this manual thoroughly before installing or operating your new product in order to prevent any injury or damage. Failure to follow these instructions may result in damage to you, your passengers, or your product.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- This product contains high-intensity LEDs. Do not stare directly into the lights. Momentary blindness and/or eye damage could result.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area.
- The user/installer assumes full responsibility to determine proper mounting location that will provide ultimate safety to all passengers inside the vehicle.
- If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install rubber grommets into all wire passage holes.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE (-) battery post.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.

**IMPORTANT:** Do not attempt to activate or control this device in a hazardous driving situation.

### PRODUCT FEATURES:

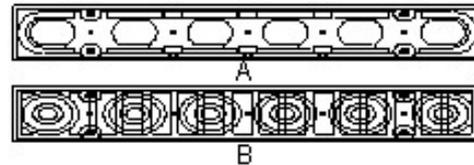
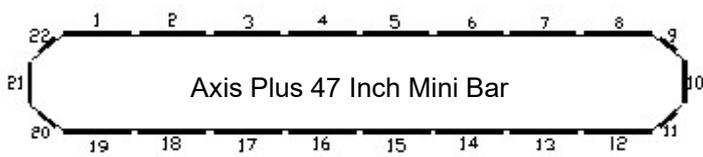
- High quality LED light source, lifespan more than 50000hours; Whole light bar warranty 2 years.

- Special technology design, waterproof, dust proof, seismic design can adapt to the various environment ;
- Aluminium alloy body with better heat radiation.
- Built-in the reverse polarity protection circuit can protect installation wiring and vehicle electrical components
- Multiple optional mounting ways: bracket ,magnet cup

**SPECIFICATIONS:**

MODEL	LEDS	WORKING VOLTAGE	MAX. POWER	MOUNTING
TBD-T86 14 Inch Mini Bar	1W/3W,40PCS	DC12V OR 24V	120W	Bracket , magnet cup
TBD-T86 24 Inch Mini Bar	1W/3W,64PCS	DC12V OR 24V	192W	Bracket , magnet cup
TBD-T86 35 Inch Mini Bar	1W/3W,88PCS	DC12V OR 24V	264W	Bracket , magnet cup
Axis Plus 47 Inch Mini Bar	1W/3W,112PCS	DC12V OR 24V	336W	Bracket , magnet cup

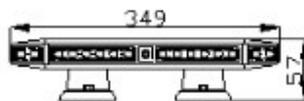
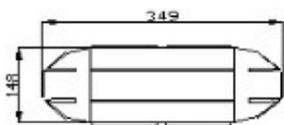
**LEDS LAYOUT ,TYPE AND COLOURS:**



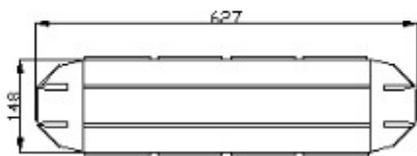
LENS

- Layout and colour can be changed or customized( default lens and colour is A and Amber).

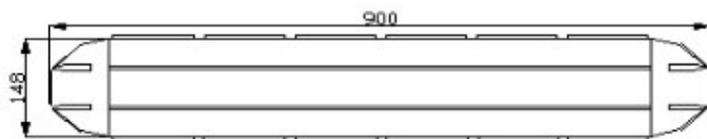
**PRODUCT LAYOUT:**



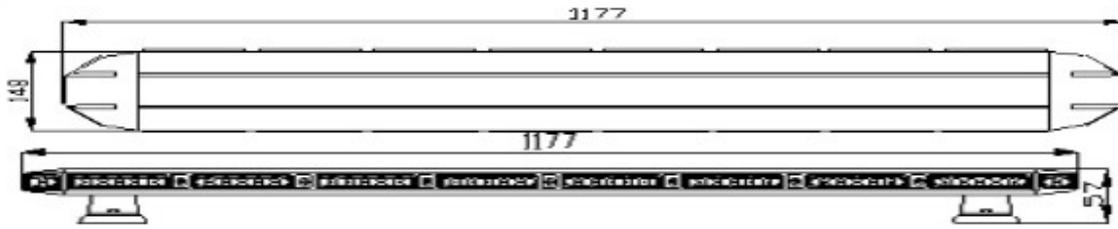
Axis Plus 14 Inch Mini Bar



Axis Plus 24 Inch Mini Bar

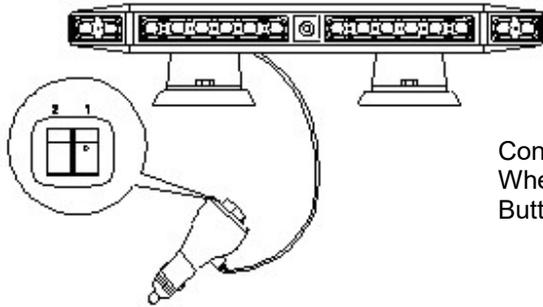


Axis Plus 35 Inch Mini Bar



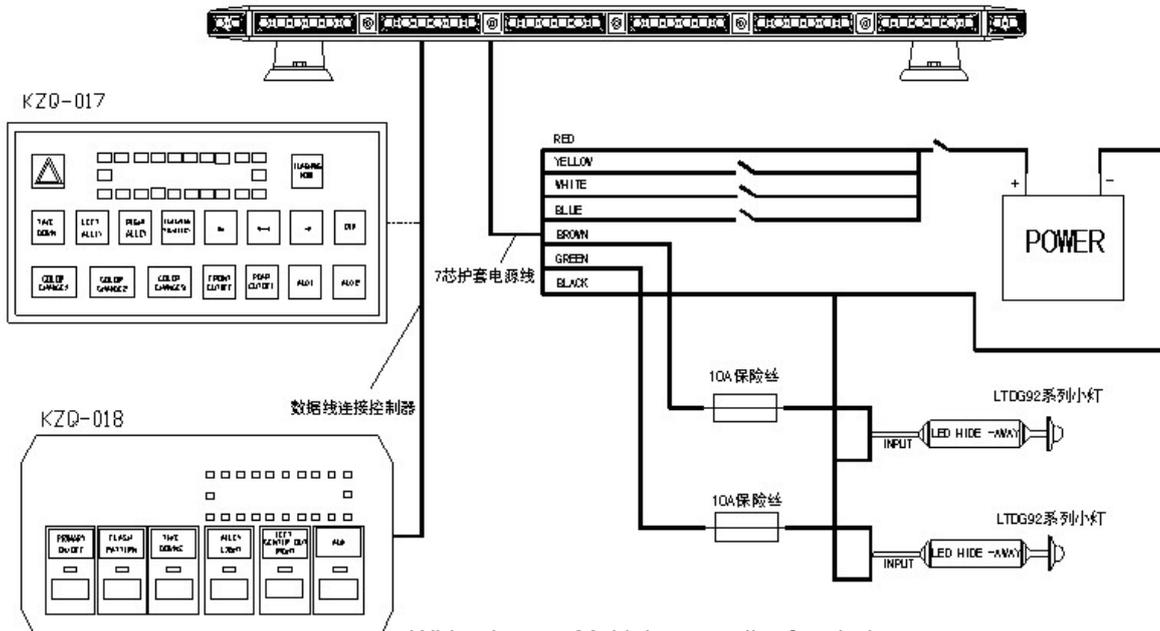
Axis Plus 47 Inch Mini Bar

**WIRING:**



TBD-T86-2 wiring layout

Controller for light bar TBD-T86-2 is cig plug.  
 When power supply correct ,light on button 1 will be on.  
 Button 2 is for flashing pattern alternating.



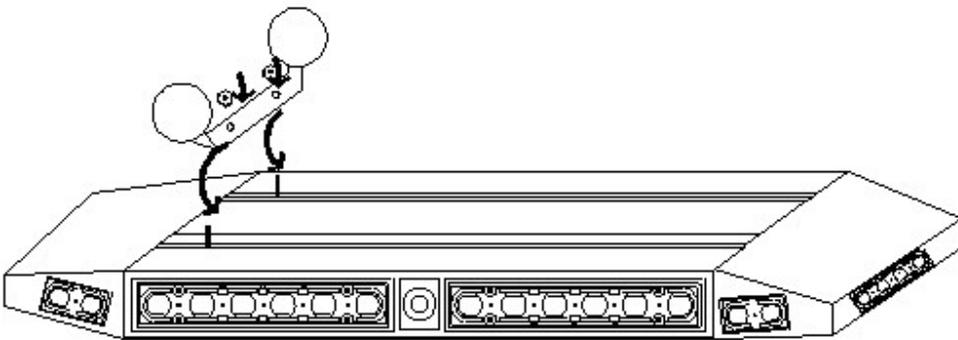
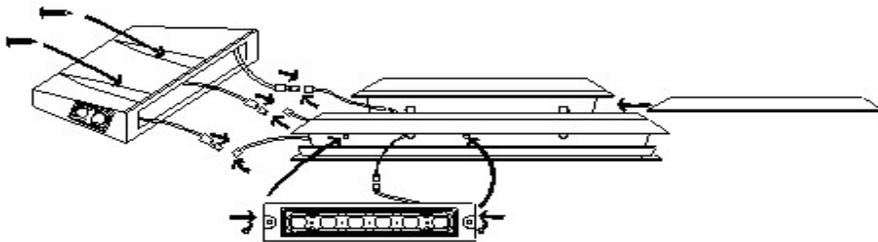
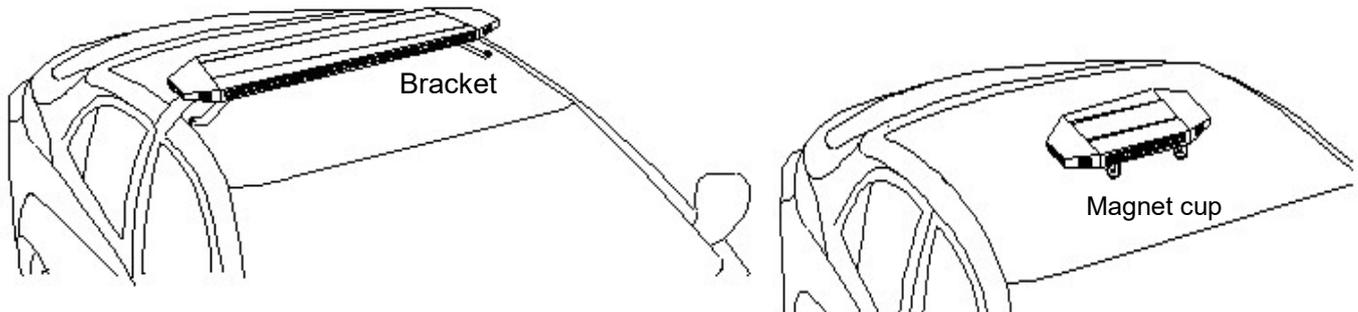
Wiring layout Multiple controller for choice

Red wire:Power "+" Black wire: Power "-" Yellow wire:Left turning White wire:Right turning  
 Blue wire: Breaking light Brown wire: Positive pole of light 92( adding 10A fuse)  
 Green wire: Positive pole of light 92( adding 10A fuse)

## CAUTION:

1. Before wiring, make sure vehicle power and load is shut off.
2. Carefully studying the structure of vehicle and connection diagram.
3. Keep the wire away from the wet, hot and corrosion objects.
4. Wire connection should be steady.
5. Place the controller in suitable position of the vehicle, keep away from wet, hot and corrosion objects.

## INSTALLATION AND MAINTENANCE:



*For further questions, please contact customer support:*

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