



TREMOR XD

HIGH OUTPUT LED BEACON



Instructions, Specification and Warranty Details

P/No. TREM-85246XX



*X signifies the color eg.
TREM-85246A = Amber

WARNING



Read carefully and understand all instructions before operating.

- It is not recommended to use magnetically mounted warning devices on the outside of a vehicle in motion. Usage is at the sole risk and responsibility of the user.
- Risk of electrical shock; do not use in an environment with gas, combustible or explosive materials, or hot objects.
- Do not open, repair or modify.
- Use only under the recommended voltage and frequency requirements.
- Do not look directly at the light, as this will result in dazzling.
- Minimum distance from lighted objects 0.1m.
- The specification in this manual is based on standard lab testing, different environments may influence the data.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information, please visit www.P65Warnings.ca.gov

FEATURES

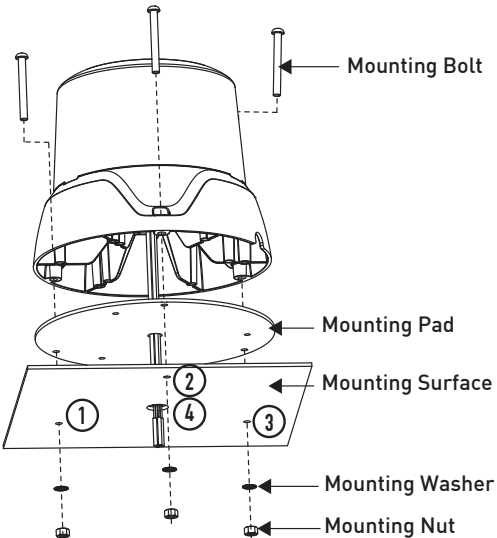
- Tough diecast aluminium housing and virtually unbreakable polycarbonate lens.
- Military standard vibration resistance.
- Upward facing LED for increased awareness from above.
- Selectable Day/Night mode.
- Flash synchronisation of multiple beacons.
- SAE and California Title 13 approved.

INSTALLATION

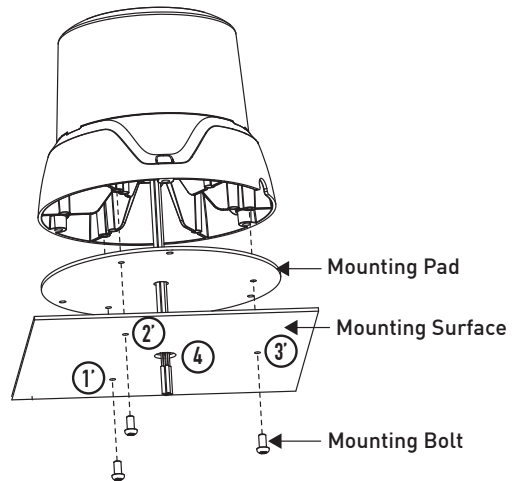
- 1 Prepare a suitable area on the vehicle's surface by wiping it clean to prevent scratching.
- 2 Drill a 10mm ($\frac{3}{8}$ ") hole into the surface for the wires to exit through for connection to a power source. Alternatively, the wires can be directed through the side of lamp's base for connection to a power source.
- 3 Place the mounting base in position on the vehicle's surface. Using the plate as a template, drill three holes for fitment and secure to the surface using the supplied mounting bolts. A mounting pad is included and can be installed between the surface and the mounting plate.
- 4 Route the wires as planned in step 2. Connect the red (+) wire to 12/24VDC and the black (-) wire to ground. Test.

Note: If mounting plate is not required, use the lamp's base as the template when drilling holes for fitment to the vehicle.

3 BOLT



3 BOLT (Bottom-up)



1. Drill holes ① ② ③ ④ on mounting surface for wire exit and mounting bolts.
2. Secure beacon onto mounting surface with mounting bolts.
3. Note: Mounting holes ① ② ③ are different from ①' ②' ③'.
Check and mark the correct location before drilling.

WIRING

RED: To 10–33V DC(+) Fuse at 3A

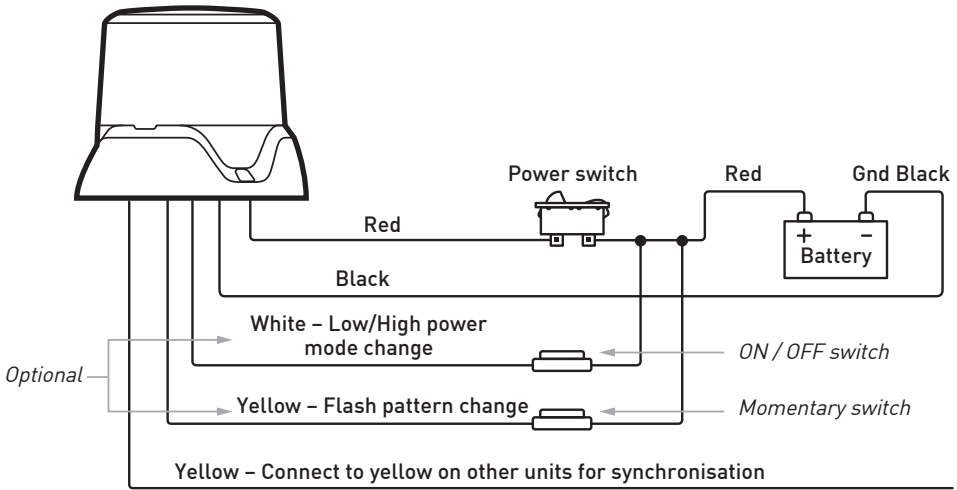
BLACK: To chassis / ground (-)

YELLOW: Flash pattern change +VDC. Connect Yellow wires of strobes together for synchronisation*

WHITE: Apply to +VDC for low/high power switching

***All units must be set to the same pattern**

WIRING DIAGRAM



SYNCHRONISED FLASHING

For Simultaneous or Alternating Flash:

1 Apply +VDC to RED and YELLOW wires simultaneously, then remove YELLOW wire to enter Grouping Mode, units will display short flashes:

- Single flash = Group 1
- Double flash = Group 2

2 To change Group, momentarily apply +VDC to YELLOW wire:

- Both units in the same Group will flash together.
- Two units in the different Group will flash alternately.

3 Save and exit Grouping Mode by disconnecting all power.

Note: For flash pattern #1~#3,
 Group 1 Units will flash in anti-clockwise rotator;
 Group 2 Units will flash in clockwise rotator.

FLASH PATTERNS



SPECIFICATIONS

LED	16 x 3W	Width	167mm / 6.57"
Housing Material	Aluminium Base	Height	137mm / 5.39"
Lens Material	Polycarbonate	Depth	167mm / 6.57"
Mounting	3-Bolt Flange	PCD	153mm / 6"
Voltage	12-24V DC	Shock/Vibration	ISO 16750-3, MIL-STD-810G
Amperage	1.85A @ 12V	Approvals	CA T13
Wattage (W)	48W	IP Rating	IP-69k
Operating Temp.	-22°F - 176°F (-30°C - + 80°C)	ECE Ratings	ECE R10
Weight	1kg / 2.2lbs	EMC Approval	CISPR25 Class 3
		SAE Compliance	J845 Class 1, W3-1

WARRANTY TERMS & CONDITIONS:

1. Warranty items will be replaced or repaired to working condition and returned without cosmetic alterations.
2. A proof of purchase is required to validate all warranty claims. The warranty period is valid starting from the original date of purchase.
3. All products must have been purchased through a Vision X Authorized Dealer/Reseller to be eligible for warranty.
4. Damage resulting from any improper installation, accident, abuse, neglect or normal wear are not covered under warranty.
5. Any product used in mining applications is warranted for one year only.
6. Actions which void the warranty include:
 - a. Opening of the lighting fixture
 - b. Cutting any connectors or cords
 - c. Broken Glass
 - d. Damage caused by physical abuse
 - e. Lights operated in environments outside their stated specifications*
7. All customer warranties should be handled through the Dealer/Reseller the product was originally purchased from. The customer is responsible for delivery to the Vision X Returns in Auburn, Washington.
8. If a product is deemed not covered under warranty, customer will be responsible for the return shipping charges.
9. Items not covered under warranty can be repaired at the customer's expense for parts and labor, at the discretion of Vision X Lighting, who will provide an estimated repair cost before proceeding with the repair.

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