

TOURING ITEMS®  
**TYPES**

# **TERRA PRO™**

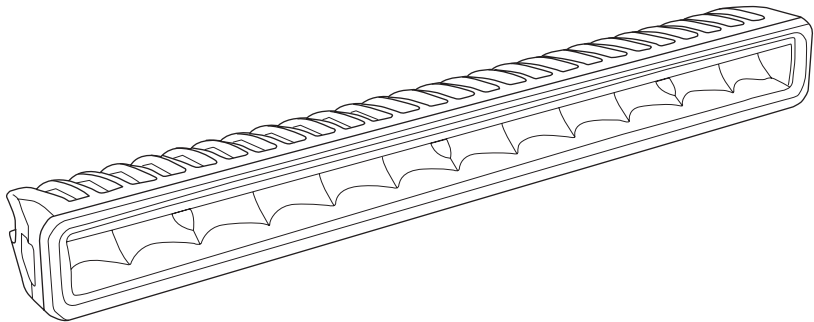
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**14" LIGHT BAR**

**WITH UNIVERSAL MOUNTING KIT & WIRELESS CONTROLLER**

ITM./ART. 1344590  
WP ITM. LM57170

Care & Use Instructions



**Important, retain for future reference:  
Read carefully**

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# WARNING

## IMPORTANT SAFETY INSTRUCTIONS

1. **SAVE THESE INSTRUCTIONS**– This manual contains important safety and operating instructions.
2. Before using this product, read all instructions and cautionary markings .
3. Do not expose the switch controller to rain, moisture, or snow.
4. Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. Do not operate with damaged light bar or switch controller – replace it immediately.
6. Do not operate light bar or switch controller if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceperson.
7. Do not disassemble light bar or switch controller; take it to a qualified serviceperson when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
8. To reduce risk of electric shock, unplug light bar or switch controller before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

## CAUTIONS

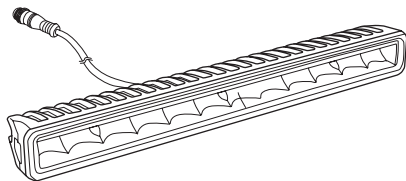
Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws. This product is intended solely for off road purposes. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser. This product is not DOT approved and is designed and intended for off road uses only.

1. Do not install or use product if it, in any way, impairs the safe operation of your vehicle.
2. Follow manufacturer's instructions to ensure the product is properly and safely installed.
3. Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws.
4. This product is intended solely for off road purposes. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser.
5. This product is not DOT approved and is designed and intended for off road uses only.
6. The Manufacturer and Seller are not responsible or liable for consequential, incidental, or indirect damages, whether to person or property, resulting from the installation or improper use of this product.

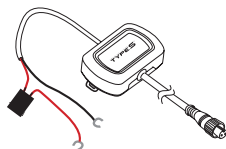
**⚠ WARNING:** This product can expose you to chemicals including DEHP and DINP, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

3M™ is a trademark of 3M Company.

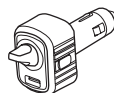
## PACKAGE CONTENTS



1 x 14" Light Bar



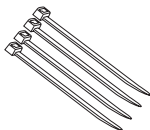
1 x Hub Controller  
with easy battery connector



1 x Switch  
Controller



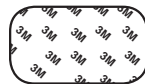
1 x Allen Key



4 x Zip Tie



4 x Set of M6 Screw  
with Nut, Spring Washer  
and Flat Washer



1 x 3M™ Double-sided  
Tape for Hub Controller



2 x Universal  
Mounting Bracket A

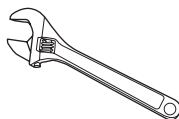


2 x Universal  
Mounting Bracket B

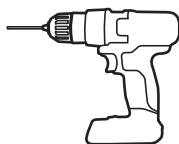
## Tools needed (not included)



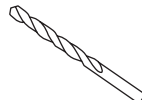
Phillips Head  
Screwdriver



Wrench



Power Drill



15/64 in (6mm)  
Drill Bit

## PRODUCT SPECIFICATIONS

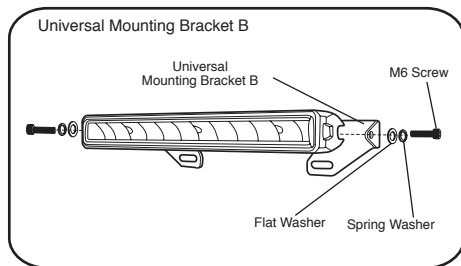
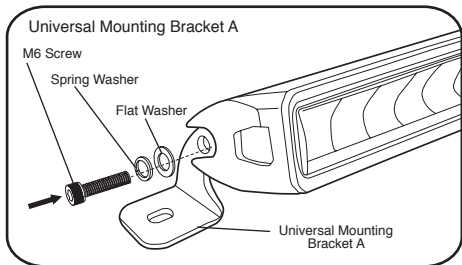
Working voltage:	DC 12V Only
Transmission distance:	30 ft (9.14 m) (no obstacle)
Frequency band:	2.4 GHz
Watt:	36W
LEDs:	12 × Super White LED
Raw Lumens:	6000
Effective Lumens:	2500
Weatherproof Light:	IP67 Rated (Light bar only)
Weight:	1.4 lb / 0.63 kg
Maximum amperage draw:	3A
Replacement Fuse:	5A

## STATUS LIGHT INDICATION

Device	LED Light Indication	Device Status
Hub Controller	Rapid flashing	Pairing
	Slow flashing	Paired
Switch Controller	Rapid flashing	Pairing
	Slow flashing	Paired

# INSTALLATION GUIDE

## 1) INSTALLING THE LIGHT BAR



### Hardware:

- Universal Mounting Brackets A or B
- 2 sets of M6 Screw with Nut, Spring Washer and Flat Washer
- 2 sets of M6 Screw with Spring Washer and Flat Washer

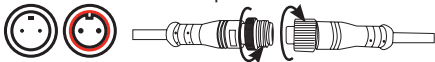
### Tools Required:

- Power Drill and 15/64 in (6mm) Drill Bit (not included)
  - Wrench (not included)
  - Allen key
- 
- Attach the Universal Mounting Brackets to A or B to the Light Bar and secure with M6 Screw, Spring Washer and Flat Washer. Tighten the screw with Allen key.
  - Choose a suitable mounting location for the Light Bar, preferably on the front bumper. Make sure the location is strong enough to hold the Light Bar.
  - Mark two holes for the Universal Mounting Brackets for a precise installation. Make sure nothing beneath will be damaged after the holes are drilled.
  - Drill the holes with a 15/64 inch (6mm) Drill Bit.
  - Mount the Light Bar with the provided hardware.
  - You can adjust the Light Bar's beam angle by loosening the M6 Screw. Be sure not to over-tighten the screw after the adjustment.

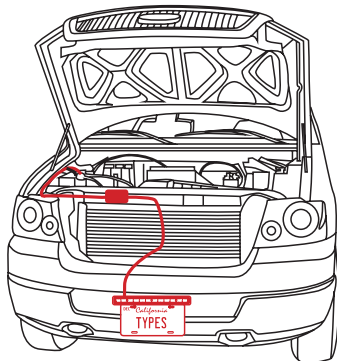
NOTE: INSTALL LIGHT BAR ON METAL OR DURABLE MATERIALS ONLY.

## 2) CONNECT THE LIGHT TO THE HUB CONTROLLER

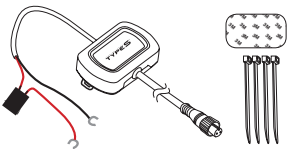
- Connect the Light Bar cable with the Hub Controller cable. Make sure the connectors are securely fastened and route cables away from engine. The connectors are directional, make sure to connect to the correct position and fasten each end of the cap.



- Position the Hub Controller away from the car engine. Make sure to avoid placing the Hub Controller or cables near any extremely HOT location or next to the car's engine. Use 3M™ double sided tape or zip ties to secure the Hub Controller to any flat surface if needed. The best location for the Hub Controller will be inside the front grill if possible.



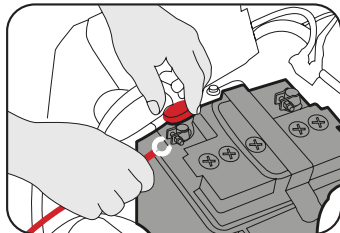
## 3) INSTALLING THE HUB CONTROLLER:



**WARNING:** DO NOT mix up the cables or allow the metal ends to touch together because this may damage the battery, charging system and/or electronics on a vehicle. When installing, please make sure your engine is not running.

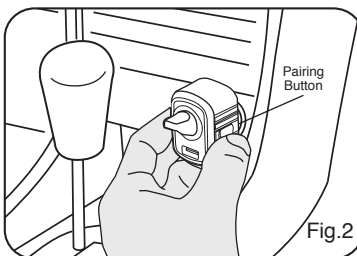
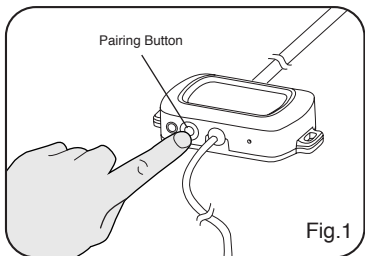
- For use with 12V power only
- Hub Controller hardwire cables are color-coded, **RED** for POSITIVE (+) and **BLACK** for NEGATIVE (-).
  - Connect the **RED** cable to the POSITIVE (+) battery clamp as illustrated. The POSITIVE battery post will be slightly larger than the NEGATIVE post, and will be marked with a PLUS (+) sign. There may also be a **RED** protective cover over the positive battery post.
  - Connect the **BLACK** cable to the NEGATIVE (-) battery clamp as illustrated. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a **BLACK** plastic protective cover over the negative battery post.

**NOTE:** After connecting the Hub Controller to the car battery, the Blue LED indicator will flash. If the LED indicator does not flash once connected, please check your power connections.



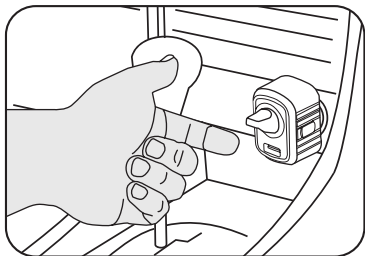
Power Indicator

#### 4) PAIRING



- The unit is ready to use without additional pairing. However the Switch Controller can control additional Type S Light Bars via pairing. One Switch Controller can connect up to 4 Light Bars.
- To pair, press the pair button on the Hub Controller once. (Fig.1) The unit goes into pairing mode for 30 seconds. Plug in the Switch Controller into a 12V car socket, then press and hold the pair button for 3 seconds. (Fig.2) It will pair with the Hub Controller within 5 seconds.
- Flip the toggle switch on/off to check if the connection is successful. Repeat above steps to pair each additional Type S Light Bar to the same Switch Controller.

#### 5) PLUG IN SWITCH CONTROLLER



- Plug the Switch Controller into any 12V car socket.
- Flip the toggle switch to turn the Light Bar on/off. The blue LED indicator will be flashing slowly, indicating it's on and paired.
- Light Bar will be turned off automatically when the engine shuts off.

**Warning:** Some vehicles provide constant power to the 12V outlet. Please remember to unplug the Switch Controller when not in use to avoid draining of the vehicle battery.



## TROUBLESHOOTING

Issue	Cause	Remedy
The Light Bar is not working	Bad power connection	Check power connection and make sure the blue LED indicator of the Hub Controller is flashing or try to disconnect power and reconnect
The light turns on but turns off after 30 minutes	Light may still be "on" after engine is turned off. Lights will automatically turn off and Hub will be in standby mode when the voltage drops to approximately 12V	Start the engine and the vehicle will generate voltage above 12V.
	Was light hardwired from other 12V source instead of directly to car battery?	Connect the power source directly to the car battery or fuse box instead
The light turns on but turns off after 10 seconds	Car battery may be undercharged or low. Do not turn on the Light Bar	Recharge or replace car battery

## WARRANTY

### TYPE S

#### LIMITED WARRANTY

Type S warrants, to the original purchaser, that its products are free from defects in material and workmanship for 1 year from the date of original purchase. Where permitted by law, Type S's liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Type S makes no other warranty of any kind aside from the limited express warranty stated above.

**NOTE:** Warranty only applies for North American customers of purchases made in North America.

#### CONDITIONS OF WARRANTY

If during the 1 year warranty period your new product is found to be defective, Type S will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by Type S.
2. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
3. The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.

4. The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
5. Repair or replacement parts supplied by Type S under this warranty are protected only for the unexpired portion of the original warranty.
6. This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product, or damage to any mobile phone, electronic device or vehicle.

**OWNER'S RESPONSIBILITIES:**

Type S will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS, MONDAY THROUGH FRIDAY 9:00 AM TO 5:00 PM (Pacific Standard Time). For customer service and technical support, please call us at 1.866.294.9244 or email us at info@typesauto.com. If at that time it is determined that a replacement unit is needed, the support representative will issue a Return Authorization and instruct on how to get a new unit. Type S makes no other warranty of any kind aside from the limited express warranty stated herein.

**DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE LIGHT BAR. TYPE S AND/OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

Type S and/or its affiliates are not responsible for a user's intended or actual use of the Light Bar. In no event shall Type S and/or its affiliates have any liability for any losses (whether direct or indirect, in contract, tort or otherwise) incurred in connection with the Light Bar, including but not limited to damaged property, personal injury and/or loss of life. Neither shall Type S and/or its affiliates have any liability for any decision, action taken based on relying on the stability or performance of the Light Bar. Type S and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.

**FCC Compliance Statement:**

TERRA PRO™

14" LIGHT BAR

WITH UNIVERSAL MOUNTING KIT &amp; WIRELESS CONTROLLER

Model: LM57170

Responsible Party:

Type S

2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626

Tel: 866-294-9244

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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