



TORCHTM

LANE TARGETING LIGHT



Product Specifications

157-8810 TORCH

Input: 100-240 Volts, 50/60 Hz

Output: 12 Volts

157-8801 Battery Upgrade (NOT Included)

Input: 100-240 Volts, 50/60 Hz

Output: 12 Volts

KEGEL LLC

1951 Longleaf Blvd.

Lake Wales, FL 33859

863-734-0200 | 800-280-2695

Edition 12:18

WARRANTY

KEGEL warrants that Torch X and replacement parts will be manufactured free from defects in material and workmanship under normal use and service. Except as stated below, KEGEL shall repair or replace, at its factory or authorized service station, any Torch X or replacement part ("Warranty Item") which, within **ONE YEAR** after the date of purchase from an authorized KEGEL Distributor, has been determined to be defective upon examination by KEGEL. In no event shall the Warranty coverage be more than twenty-four (24) months from the date of shipment from KEGEL's factory.

In the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from KEGEL and must return Warranty Items directly to KEGEL, following the required procedures. KEGEL will pay reasonable freight charges to deliver and receive Warranty Items from the bowling center. KEGEL will not be responsible for any "expedited" shipping charges. Customer will be invoiced for Warranty Items that are not promptly returned per the required procedures.

Outside the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from the DISTRIBUTOR and must return Warranty Items directly to the DISTRIBUTOR, following the required procedures. KEGEL will compensate the DISTRIBUTOR for reasonable freight charges to deliver and receive the Warranty Items from bowling center and to return them to KEGEL. Under no circumstances will KEGEL be responsible for any "expedited" shipping charges or taxes and duties.

This Warranty shall not apply to any Torch repaired or altered outside of KEGEL's factory, or authorized service station, in any way, or where replacement parts have been installed in the Torch other than KEGEL approved replacement parts, or where the Torch has been subjected to misuse, negligence, accident, or abuse.

KEGEL reserves the right to inspect and make the final decision on any claim under Warranty which it deems questionable. KEGEL's liability under the Warranty expressed above is limited to repair or replacement; KEGEL shall have no liability for incidental or consequential damages or for costs of installing Warranty Items.

KEGEL does not warranty the battery that is included in the battery upgrade (157-8801) and does not supply a replacement for this item. This item must be replaced with the original spec AGM 12v 5Ah battery to prevent damage to the unit.

Thank you for purchasing your new Torch X. Its simplistic design makes it easy to use and requires minimal maintenance.

Now that you have removed the Torch from its carton, inspect the unit to ensure there is no visible damage prior to using the device. Check the contents of the packaging with the included parts list below. Contact Kegel immediately if any items should be damaged or missing.

Included Parts:

Qty.	Part Description	Part #
1	4 Foot Color Light Assembly – Lower Bar	157-8812
1	2 Foot Color Light Assembly – Middle Bar	157-8813
1	3 foot Color Light Assembly – Top Bar	157-8814
1	Torch X Color Switch Assembly	157-8811
1	Frame assembly	157-8804
1	Power Adapter 12v	157-1805A
1	DC lead extension – 9.8 feet	157-1808
1	Molded plug din cable – 6.6ft	157-1853

- 1 – Optional Battery Upgrade* (157-8801)

***NOT included with purchase of 157-8810 Torch**

Assembly:

1. Cut all wire ties holding the assembly together.
2. On flat surface with sufficient space for set up, typically the approach works, start by removing all four of the pins from their locked position.
3. Pull open the legs and feet of the frame to approximately 90 degrees at all points.
4. Set the frame on the ground and insert the pins into the holes that have now lined up between the main cross-section, legs and feet to stabilize the frame. (this may require that the frame be rocked gently as the pins will fit tightly)
5. The frame can now be brought to the lane and should be transported by holding the main cross-section.

6. Place the frame at the desired length down the lane (see below for optimum location) by placing the feet of the frame on the gutter capping with the face of the position lock towards the foul line. (The main cross-section should be parallel to the foul line)
7. To assemble the light fixture, firmly lock the 4ft light assembly and the 2ft light assembly together at the connection points on the ends of these two parts then connect the 3ft light assembly. Note: The 2ft or 3ft light assembly could be left out for shorter height requirements.
8. Prior to attaching the assembled light fixture to the frame, ensure that it will be short enough so that it does not make contact with the ceiling. If so, remove the 2ft or 3ft assembly to reach the desired height.
9. Using the other connection point on the 4ft light assembly connect the light fixture to the position lock located on the main cross-section of the frame.

Optimum location:

1. The placement of the Torch should sit at the end of the oil pattern length.
2. To set the light assembly across the proper board, we use the exit point math for the location. This is the pattern length minus 31. For example, if the pattern is 40 feet, then the proper board location for the light assembly should be on the 9 board.

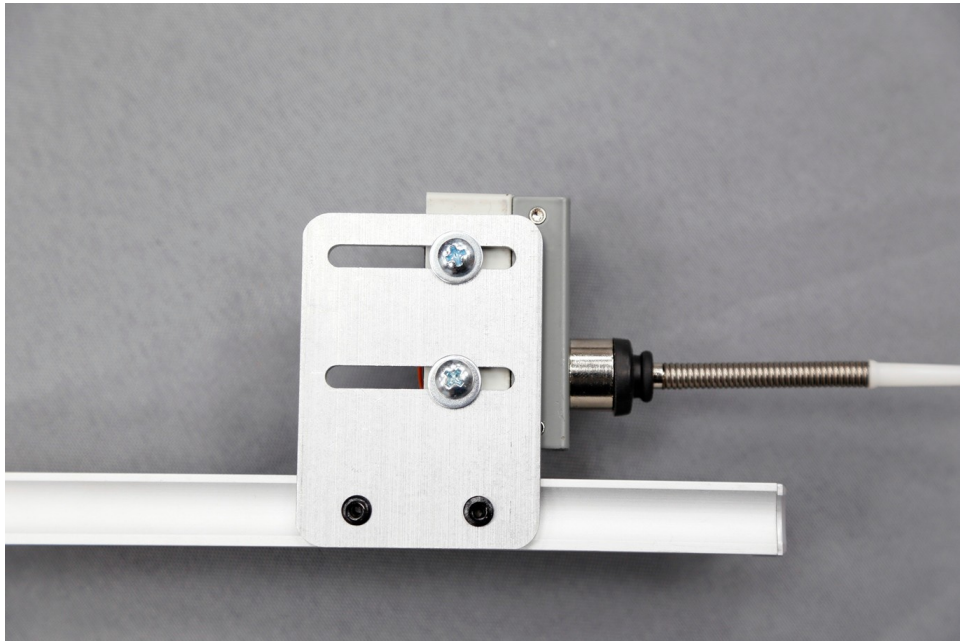
Color Changing:



1. Primary Color - This is the color the light will stay on until the switch is triggered. The black circle represents no light.
2. Secondary Color – This is the color the light will change to for 3-5 seconds when triggered. Note: The primary color and secondary color being the same will result in no change when the switch is triggered.

Switch Height Adjustment:

1. The switch can be adjusted to change difficulty or customize for your height of capping. Loosen the screw and adjust the height to be lower for easier or higher for harder.



Battery Charging:

1. The charging time for the battery, if not completely dead, is around 4-6 hours. If the battery is completely drained, then it could take up to 10-12 hours.



For additional information, including videos on setup and use of this product please visit www.kegel.net/torch