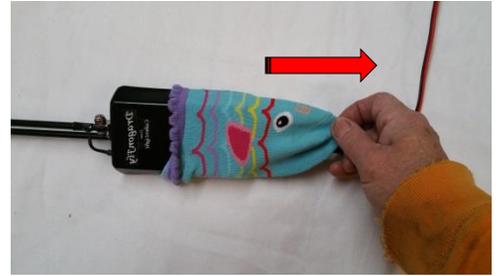


# The DragonFly 12 Volt LED Lighting System

## **UNPACKING:**

Remove (and save) the Lighthouse Cocoon (a small cotton sock) which protects the Light Head. Save the Cocoon for use after the show.



## **SETTING UP:**

### On a Flat Surface or Table Top

Select the DragonFly Tabletop Base if you are going to set-up your DragonFly on a tabletop. Unfold the 3 legs of the Tabletop Base and set it where you want your DragonFly to be.



The legs can be arrayed as shown to make it the most stable, depending on how you want to place and aim your DragonFly.



*Note: The legs of the Tabletop Base lie flat on the table, so your displays and products can be placed right on top of them.*

### On "Grid Panel" display or "Pipe and Drape" booth partition

Select the DragonFly Mounting Clamp for mounting your DragonFly on a vertical grid panel or on "pipe & drape" booth divider



The Clamp's face has a curved face to keep it firmly attached to the round surface of both grid panel and "pipe & drape" booth dividers.



### Grid Panel

Open the *Clamp* jaws far enough to clamp to one of the rods of the grid panel; about ¼”.



Tighten the Clamp to the desired rod of the grid panel with the Mounting Stud pointed in the direction you want your DragonFly to extend and hand-tighten the clamp. HINT: You won't have to tighten the clamp as much to prevent sagging if you clamp to one of the vertical rods.



### Pipe & Drape

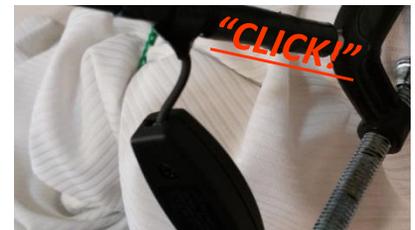
Open the *Clamp* jaws far enough to clamp to the pipe frame (x); a bit more than 1½”

Tighten the Clamp to the drape-covered pipe with the Mounting Stud pointed in the direction you want your DragonFly to extend (x) and hand-tighten the clamp. Make sure that the Clamp is secure.



### Mount the DragonFly

Now slide the bottom of the DragonFly Mast over the stud on the Tabletop Base or Clamp. You will feel a pull and hear a “CLICK” as the magnet in the Mast snaps to the steel stud on the base or clamp. This is to keep the DragonFly assembly from coming loose if it is bumped or disturbed during the show.



### Table Edge

Clamp the DragonFly Mounting Clamp to the edge of your table. (1)  
Slide the base of the DragonFly over the mounting stud. (2 & 3)  
Adjust your DragonFly as desired. (4)

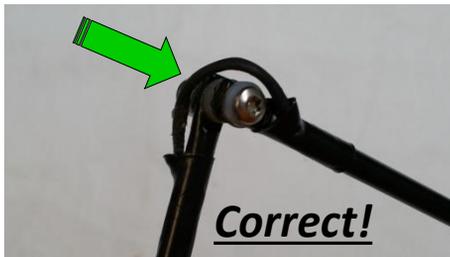


## Aiming the DragonFly

Holding the Mast, lift Boom up as far as desired Then hold the boom and aim the Lighthead as desired. The Lighthead can be tilted or twisted. Friction in the pivot joints keep the Dragonfly in your chosen position.



***CAUTION: When adjusting the aim of your DragonFly at the Mast/Boom Pivot or (x) the Light Pivot (X), take care not to allow the black wiring to get wrapped tightly around the joint. The pulling caused by this can break a wire and cause a failure.***



## POWERING UP:

Your *DragonFly* can be powered by either a *LadyBug Single Power Supply* or a *LadyBug 6-Pack Power Supply*. A *LadyBug Battery Adapter (M,)* plus your 12v battery can power a single *LadyBug* directly, or up to 6 through the wiring harness of a *LadyBug 6-Pack Power Supply*. Plug in your *Ladybug*, turn it on, & have a great show!

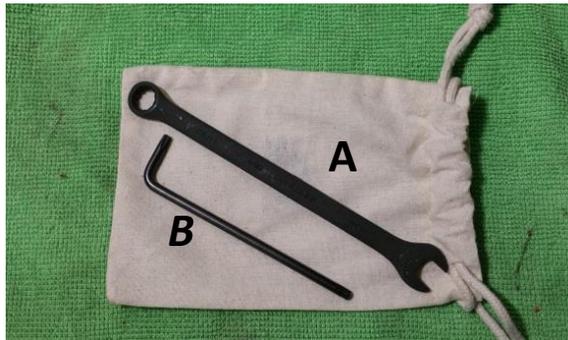


## DragonFly Tool Kit

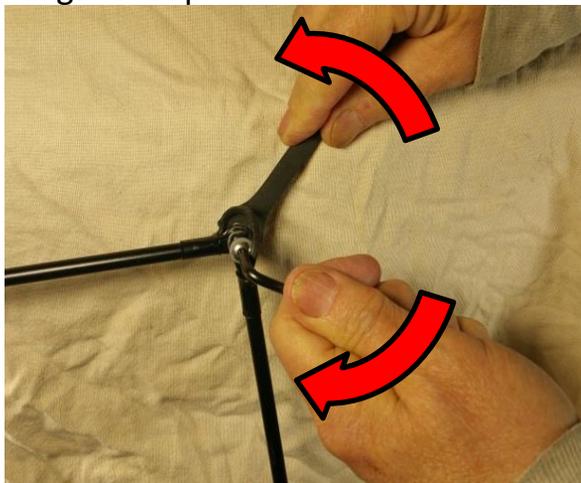
Occasionally the pivot joint between the 2 struts of you DragonFly (the Boom and the Mast) may become loose, allowing the Boom and Lighthouse to droop toward the table.



The DragonFly Tool Kit as 2 tools which will allow you to tighten that joint and stop the “droop.”



An 11/32” wrench (A) to hold the nut, and a T20 **TORX** key (B) to tighten the screw. Insert the “star” on the short leg of the **TORX** key into the head of the screw as shown. Slip either end of the 11/32” wrench over the nut, and tighten the key until the Boom and Lighthouse no longer droop.



Store the tools in the Tool Kit for future use.

### **PACKING UP:**

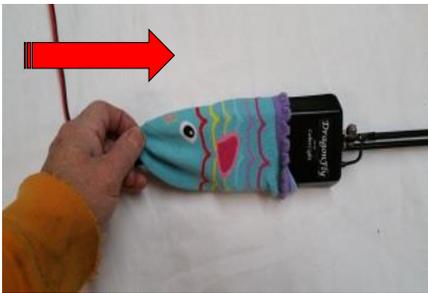
Turn off and unplug the *DragonFly*. Fold up the *DragonFly* so the Lighthouse is flat and touching the Mast.

Hold the Base (or Clamp) with one hand and the *DragonFly* with the other, and pull them apart. There will be some resistance because of the Magnetic Coupler.

Fold up the base so the 3 legs are on top of one another, or remove the clamp from the grid panel or pipe & drape.



Replace the Cocoon over the Lighthouse, fold your *DragonFly*s so they're flat, and pack everything in the box (or your luggage) with your power supplies.



If you're using the tote box, wrap the carrying strap around the center of the box and tighten it. It can be used as a carrying handle.

***Have a safe trip home!***