



IRiS LED Fiber Optic Raincloud

Congratulations on the purchase of your IRiS LED Fiber Optic Raincloud!

It has been designed specifically for people with special needs and should, if used in accordance with these guidelines, offer years of fun! The IRiS Fiber Optic Raincloud offers opportunities to develop numerous skills including color recognition, cause and effect, eye-hand coordination, and gross/fine motor skills and many more! In passive mode, the slowly changing colors help to create a IRiS , relaxing environment, perfect for de-escalation opportunities. Plus, the playful shape naturally draws children in, and provides a wonderful opportunity for an underwater theme.

It uses our proprietary Fiber Optic Lightsource, currently one of the brightest LED Lightsources currently available and produces multiple shades of colors in IRiS mode. The Cascade also includes our safe, 150 strand fiber optic sideglow harness. There is no electricity present in the fiber optic strands—just light—so it is safe to touch and hold.

Please ensure you read and follow these Instructions carefully before installing or operating the unit. Please keep this manual for future reference.



WARNING: CHOKING HAZARD

Small Parts: Not suitable for children under 3 years.



3+ years

Please follow all warnings on the product and within this manual. If upon receipt of this product, the user suspects that the product is defective, and/or requires service or repair due to malfunction or damage to the product, please contact the manufacturer immediately. Please be aware that improper installation and/or use or misuse of this product may result in injury, death, or adverse reactions to its user. Failure to comply with these precautions or with specific warnings elsewhere in this manual violates safety standards of design, manufacture, and intended uses of the product.

Features

- Hundreds of shades of colors
- No electricity present in fiber optics
- Ergonomic design
- Completely silent
- Long life LED technology—no lamp to change...EVER!
- Cool running
- Low voltage transformer supplied
- Durable and easy to use
- Easy Installation
- 1 Year manufacturers guarantee (collect and return)

Pack contents

- 1 - IRiS LED Fiber Optic Rain-cloud
- 1 - 6 ft. Fiber Optic Sideglow harness
- 1 - IRiS Lightsource
- 1 - Low voltage transformer
- 2 - Wall brackets
- 4 - 8-32 x 5/8" machine screws
- 4 - 8-32 flat washers
- 4 - 8-32 lock washers
- 1 - Hardware installation package for drywall

Installation should be done by an experienced competent person only.

The product **MUST** be fixed to a strong, solid wall using the correct fasteners. The fasteners used are dependant on the construction of your wall. The fasteners used should have a minimum rating of 50 lbs. We have included six anchors, each with a rated strength of 75 lbs. If you are installing on a surface other than drywall, please consult with a qualified maintenance person. **NOTE:** If your wall construction has wood wall studs, and you can align one of the brackets with a wall stud, we highly recommend that you do so. In those cases, you will need 3 lag screws in place of the provided anchors for that bracket. *These instructions assume you will use all six of the provided anchors.*

Troubleshooting

Q. The unit doesn't work.

A1. Is it switched on? If so,

A2. Has the unit scrolled through its colors? If so,

A3. Have you paired the unit to an IRiS Talker If so,

A4. Are the batteries in the IRiS Talker fully charged? If so,

A5. Please contact us for further assistance.

Contact Details

For USA please email support@experia-usa.com

For UK and rest of the world email support@experia-innovations.co.uk

Telephone: (800) 882-4045.

Manufactured proudly in the USA by Experia USA, Inc.

© Copyright 2010 - 2013 Experia All rights reserved. Experia is a registered trademark.



experia **usa**
multisensory for everyone

Pairing (cont..)

With a IRiS Master Pairer: To get the IRiS LED Infinity Tunnel to work with a product, first turn the unit on then decide which IRiS Talker you want to control it with – in this example we use the IRiS Qube but all work in the same manner. Then find the button on the IRiS Master Pairer that corresponds with the tunnel and press it. You then need to activate the IRiS Qube within 5 seconds (in this case you would turn the Qube over). The IRiS LED Infinity Tunnel will now change colour every time you turn the Qube if correctly paired, if it does not then repeat the above.

Cleaning and Maintenance

The fiber optic unit should be cleaned with a damp soft cloth. A non abrasive cleaning agent or antibacterial solution may be used for stubborn stains. Please check the cleaning agent on an inconspicuous area of the unit to ensure it is appropriate to use. Ensure no liquid enters the base of the unit.

The unit has been designed for use by people with special needs, however this does NOT mean it is impossible to damage. Make sure that no sharp objects are near or on the Softie. Take care when moving the Softie to prevent damage to the Softie or Lightsource.

Soak the fiber optic strands in the solution and clean with a cloth before rinsing and allow this to dry naturally. Do not place the termination (metal end of the optic) in the solution. ***This may need to be cleaned more frequently depending on the level of usage.***

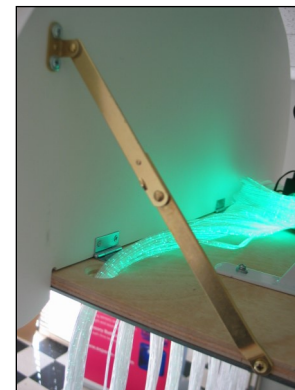
The Fiber Optic Raincloud should be untangled and straightened at least once a week to ensure it is at its optimum condition.

Fiber Optic Safety

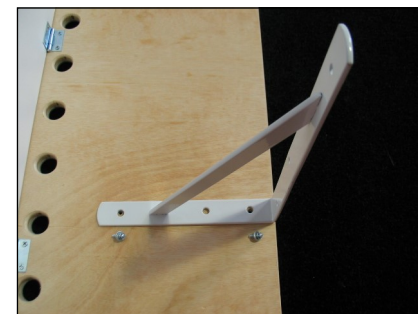
A risk assessment must be completed for each person who is to have access to the Fiber Optics before use. Do not allow the Fiber Optics to be put in a user's mouth under any circumstances.

Ensure the person using the Fiber Optics is under constant supervision, and do not allow the Fiber Optics to be put around a person's neck.

1. Remove all the packaging and verify that you have all the correct items.
2. The white Raincloud top is hinged to the "base". Gently un-fold the top from the base until it is at 90 degrees.
3. Lock in in place by ensuring that the support bracket (shown, right) is locked in place.



4. Align a bracket to the mounting holes as show, right.



5. Put one lock washer and one flat washers on each bolt, then thread them onto the Raincloud base (below, right).
6. Determine where you wish to mount the Raincloud. Locate the nearest electrical outlet. The location of the outlet you plan to use will determine which side of the Raincloud wood base that you will mount the lightsource.

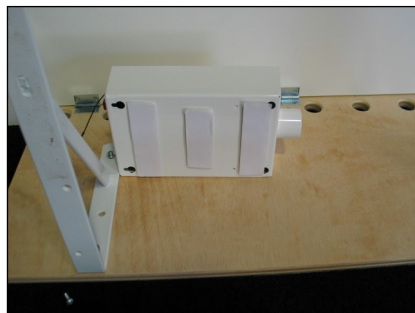


In this example, we are aligning the lightsource to the right side of the Raincloud. If your electrical outlet is to the left of the installation location, you can reverse the location to the left side.

7. Place the lightsource onto the Raincloud wood base as shown, right.



8. Peel the adhesive off of the Velcro strips (image, right) and press the lightsource firmly down onto the wooden base in this location.
9. Now, remove the lightsource, keeping one side of the Velcro in place on the board. The rest of the installation will be easier without the lightsource in place.



10. Determine the height at which you wish to install the Raincloud. We recommend that the fiber optics be a minimum of 6" off of the floor, or optimally at 18" if your ceiling height permits. **NOTE:** The top anchor for your brackets should be a minimum of 5" below the ceiling to provide proper clearance for the Raincloud.
11. Once you have decided where and at what height you wish to mount the Raincloud, hold the Raincloud in place, level it, and mark the anchor locations through the brackets onto the wall.
12. Set the Raincloud aside and install the anchors at the marks. **HINT:** Use a level to make sure the marks on the left are level with the marks on the right.
13. Now, with some helpers, lift the Raincloud up to the anchors, and screw into place. Make sure the anchor screws are fully tightened.
14. Peel off the protective coating from the mirror on the bottom of the base. This is easier to do before the fiber optics are threaded.
14. Remove the fiber optics from the bag. There are approximately 150 strands of fiber optics. Each hole in the Raincloud base should get 10 strands, but you can adjust this if you prefer to have them distributed differently. **HINT:** It is easier, and will prevent tangles, if you count out the strands next to the metal "termination" and NOT from the ends of the strands.
15. Count out 15 strands and thread them through the first hole.
16. Repeat for the remaining 9 holes. Then, make any adjustments you want. You can always change this later as well if desired.
17. Replace the lightsource onto the Velcro strips. Press down firmly.

18. Put the end of the termination into the lightsource (image, right).
19. Plug the supplied Low Voltage transformer into the back of the lightsource (image, below right).
20. If you plan on keeping the large transformer on the wood base, we recommend that you screw it in place. If you do this, **USE SCREWS THAT ARE 1/2" OR SHORTER.** Otherwise, you will damage the mirrored surface on the bottom of the Raincloud.
21. Plug the transformer into the electrical socket, and ENJOY!



Please note: Only use the transformer supplied. Use of a different transformer may result in damage to the product and void the warranty.

Pairing to IRiS Talkers

This procedure is split into 2 sections, one for those who do not have an IRiS Master Pairer and for those who do.

Without a IRiS Master Pairer: Every IRiS Listener has a button on it called a pairing button. To get the IRiS LED Infinity Tunnel to work with a product, first turn on the unit then decide which IRiS Talker you want to control it with – in this example we use the IRiS Qube but all work in the same manner.

Next find the pairing button on the side of the unit and press it. You then need to activate the IRiS Qube within 5 seconds (in this case you would turn the Qube over). The IRiS LED Infinity Tunnel will now change colour every time you turn the Qube if correctly paired, If it does not then repeat the above.