

Operating Manual
For Fiber Optical Products

Materials & Accessories

Materials:

Fiber optical fabric & Silk fabric & Sateen

Accessories:

Battery (3.7V, 1000mAh), Battery box,
Remote controller, USB charge cable.

Temperature Range

The operation temperature range for fiber optical products is $-10\sim 50^{\circ}\text{C}$.

At high temperatures the fiber optical fabrics might be melting and deforming, while the embrittlement, breakage and the optical attenuation could be serious at low temperatures.

Environment

1. Avoid using fiber optical products in dust, high humidity and smeary environment. The attenuation of the optics and the discoloration of fiber optical surface will be increased if the products surface is smeary and dusty.
2. Avoid exposing to the UV radiation directly and using fiber optical products under the high energy ray situation.
3. Avoid putting products together with plasticizer or polymer materials with plasticizer. The plasticizer might

transfer to the product surface, which led to the serious decrease of the optics. The products should be protected from the influence from organic chemicals, including propiophenone, ethyl acetate, diluant, petrol and so on.

4. Ventilated, moistureproof and waterproof measures must be taken while in transportation and storage.

Other Requirements

1. Never fold the fiber optical fabric perpendicularly to optical fiber otherwise this may permanently damage or break its optics.

2. Never pull, distort and fold into dead angles, otherwise the products will be deformed and breakdown.
3. Prevent the cladding of fiber optics from scratching and destroying, otherwise luminescence performance attenuate.
4. Prevent products bearing the external forces for long term.
5. Do not put the battery box and cable in the water. The battery box must be removed before washing.
6. The fiber optics fabric must not be washed in washing machine, folded or dried.

If there are stains on the surface, products can be wiped with soft towel by using the water or neutral detergent.

7. Never iron the fiber optics fabric.
In order to dry and smooth the clothes out, simply place it on a clothes hanger and keep it in shade after finishing washing.
8. The battery should be fully charged when you start to use it. The indicator light on the battery box is red when it is charging, while the light will turn green when it is full.