

User Guide

Reading Book Light

Music Stand Light



Ecologic Mart
Thinking on Earth

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1 Introduction

The lamp usage is very easy and intuitive, so some think a manual is futile; however you will find some useful information and tips here.

The differences between models, technical specifications, battery management and care to keep in mind when used are clarified.

2 Usage

2.1 Charging

It is recommended an initial charge before the first use.

1. Connect the USB cable to the adapter into the port labeled with 1.0A
2. Connect the USB cable to the base of the lamp.
3. Connect the adapter to the wall.
4. Charging Status Indicator will turn RED.
5. Wait for Charging Status Indicator to turn BLUE.
6. The duration of the charge depends on the power source (1.0A charger, USB port from a PC or a car stereo, generic charger 350mA, etc.)
7. To charge you can also use the USB port on your computer, the car stereo or other chargers with 5VDC >250mA



2.2 Battery Management

1. Charging: Lithium ion chemistry prefers partial discharge to deep discharge, so it's best to avoid taking the battery all the way down to zero. Since lithium-ion chemistry does not have a "memory", you do not harm the battery pack with a partial discharge. In other words, you can connect whenever you want without having to wait until it is drained out.
2. You can check the battery status at any time by pressing and hold the switch for 3 seconds then indicator will blink:
 - a. 1 Time -> **25% of charge.**
 - b. 2 Times -> **50% of charge.**
 - c. 3 Times -> **75% of charge.**
 - d. 4 Times -> **100% of charge.**
 - e. No blink -> **less than 25% of charge.**
3. Avoid heat, which degrades the batteries.
4. Dispose properly (please visit www.call2recycle.org).
5. Replacement: The battery can be replaced by welding a pair of wires; this work must be done by qualified person. Dimensions and features are on the technical specifications section.

2.3 Intensity

Each head has a switch that allows four states: off, low, medium and high level. Choose your preference and note that the higher the level of light, lower battery life (when working without cables).

Individual Switch

1st Click - 4 Bulbs Low Level

2nd Click - 4 Bulbs Medium Level

3rd Click - 4 Bulbs High Level

4th Click - Off



2.4 Lighting

You can use your lamp wireless or wired

- 1. Wireless:** It is the most popular form; charge the battery, disconnect and bring the lamp to the place you need it, the time that light depends on the selected intensity.
- 2. Wired:** If you work or read in one place, you can leave the lamp connected all the time. It is recommended that occasionally the lamp is disconnected and leave to working with battery to conserve its life.

2.5 Clipping

Clip makes the lamp very versatile, you can grab a book cover, a set of pages of the book, a lectern, on the edge of the desk, or to any surface up to 1 1/2 inches wide.

Here are some examples in pictures:



Lectern



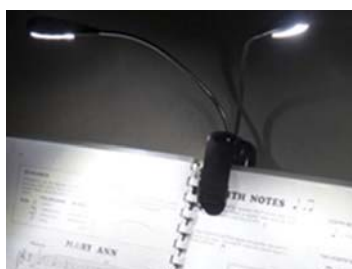
Small book



Aux Light



Gallery



Music Sheet



Crafting in Bed

2.6 Storing

Whenever you take your lamp outside, take it in its bag to prevent missing the cable or adapter.

Exclusive Carry Bag
Never lose any element.



2.7 Warnings

- Please do not disassembly by yourself
- Avoid extreme temperatures
- The frosted cover is better to protect eyesight.
- Never allow a LED light directly into the eyes.
- Lamps are not water proof.

3 Technical Specifications

- Battery Type: Li-Ion 1000mAh
- Battery Size: 5*3.4*0.6cm
- Working: 4.2VDC – 250mA
- Charging Sources:
 - Included adapter 1.0A Slot
 - Adapters manufactured by other brands from 250mA – 5VDC
 - Standard USB outputs from equipment such as laptops, car stereos, power banks and other devices.
- Lamp + Accessories Weight: 180gr.
- Arm's Length: 9 inches
- Clip Effective Maximum Aperture: 1 ½ Inches
- Luminosity/Bulb Cool Light – Low Level: 3.5 LM
- Luminosity/Bulb Cool Light – High Level: 7 LM
- Luminosity/Bulb Warm Light – Low Level: 2.5 LM
- Luminosity/Bulb Warm Light – High Level: 5 LM
- Adapter
 - Input AC 100-240v 50/60Hz 0.5A
 - Output DC 5V – 2100mA
 - Dual USB Output
 - 1.0A
 - 2.1A
- USB Cable
 - USB Male to Micro USB Male
 - 78 Inches – 2 Meters Long.

4 Troubleshooting

4.1 LAMP DOES NOT TURN ON

1. Lamp works connected to USB Cable?

a. YES: Leave it connected for one hour. After this time must work wireless.

i. NOT WORKING: The battery is not receiving charge,

1. If your lamp has more than two years of use the battery may already have completed their life cycle. You need to replace your lamp.

2. If the lamp is less than two years of use please ask for a warranty replacement.

b. NO: The damage can be in Adapter, Cable or Switch; carefully review each item.

4.2 LAMP DOES NOT TURN ON

The switch has damaged, please contact us referring the order number.

4.3 LIGHT TOO DIM

Please connect the lamp to allow battery charge, keep in mind that the battery does not last forever, it is possible that life is ended and you have to replace it.

In any case, you can count on our support; send e-mail to amazon@ecologicmart.com referring the order number of your purchase.

5 Comparison of models

At the time of writing this manual 5 models are handled; in the table below you will see their similarities and differences.

Model	Battery	Bulbs	Min Lumens	Max Lumens	Charging Time*	Min Working Time**	Max Working Time***	Color Temperature
2 ARMS - FROSTED - COOL LIGHT	1000mAh	8	7	56	1 to 1.5H	3.7H	20H	7000K
2 ARMS - FROSTED - WARM LIGHT	1000mAh	8	5	40	1 to 1.5H	3.7H	20H	3000K
1 ARM - FROSTED - COOL LIGHT	1000mAh	4	7	28	1 to 1.5H	5H	20H	7000K
1 ARM - FROSTED - WARM LIGHT	1000mAh	4	5	20	1 to 1.5H	5H	20H	3000K
2 ARMS - TRANSLUCENT - COOL LIGHT	1000mAh	8	14	56	1 to 1.5H	3.7H	10H	7000K

* If fully discharged and using 1.0A charger output.

** Working on the highest lighting mode.

*** Working on the lowest lighting mode.

HOW TO CHOOSE

- **Read** Books of Any Size
- **Read** Sheet Music
- **Emergency** Light
- **Crafting**
- **Auxiliary** Light
- **Powerful** (up to 56 Lumens)

- **Read** Small Books
- **Emergency** Light
- **Traveling** Light
- **Auxiliary** Light
- **10 to 28** Lumens



- **Be** Very Gentle With Eyes
- **The** Dimmest Possible
- **Don't** Disturb
- **1 Arm:** 10 or 20 Lumens
- **2 Arms:** 10 to 40 Lumens

- **The** Brighter
- **Need** Lots of Light
- **1 Arm:** 14 or 28 Lumens
- **2 Arms:** 14 to 56 Lumens