



A TGA Accredited German Certification Body (TGA-ZM-03-06)



Purelight UV Light Wand



| User's Guide |

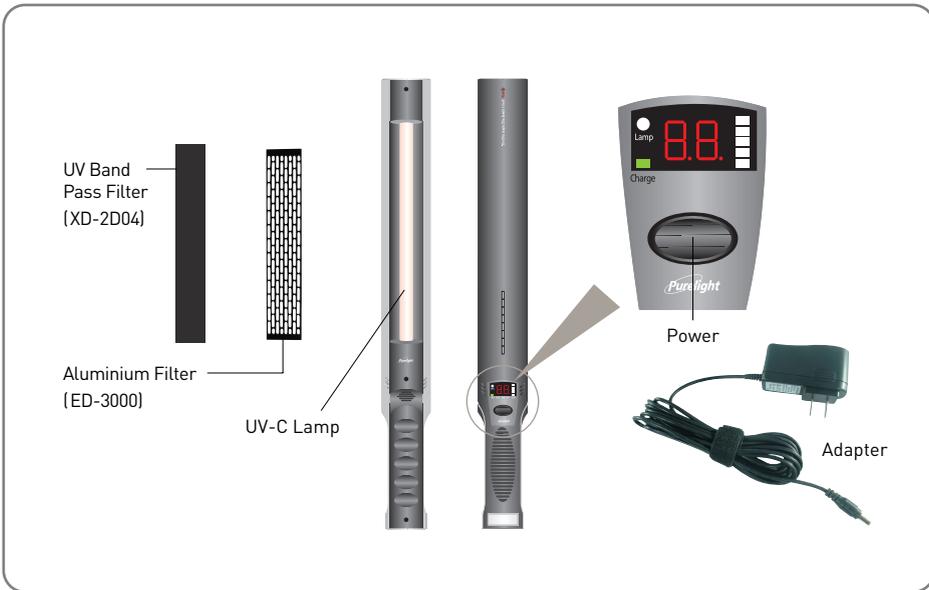
EnpuTECH

Purelight

UV Light Wand

User Guide

Read all instructions carefully before use.



CONGRATULATIONS!

We congratulate you on your decision to purchase the Purelight UV Light Wand, the world's first advanced "germ" killing device, designed to help reduce and control disease-causing bacteria, viruses and fungi in your living environment. We hope you enjoy using this innovative product and the peace of mind that comes with it.

| How UV-C Light Works |

The anti-microbial properties of UV-C light [Ultraviolet light - C band] are well known to scientists and has been used since the 1930's to kill germs containing DNA and RNA [including bacteria, viruses, fungi and mould]. UV-C light is invisible to the human eye.

It is at a higher frequency than UV-B light used in tanning salons. While UV-C is invisible, given sufficient intensity and exposure, it can kill most of the germs responsible for causing diseases in humans and animals. UV-C works by destroying the DNA and RNA [genetic material] of pathogens [disease causing bacteria, viruses, mould, etc.]. Once the DNA in a pathogen has been destroyed, the micro-organism is either killed or deactivated, it can no longer function properly, it can no longer reproduce. We invite you to visit our web site to learn more about how UV-C works at www.enputech.com

| Features of the Purelight UV Light Wand |

1. An effective "germ" killing device for domestic and commercial use - works with invisible light without any harmful chemical agents.
2. No chemical residue - and moderate UV exposure doesn't damage the materials.
3. Helps to eliminate bacteria, viruses, fungi, moulds, etc when used in houses, hospitals, dentistry, nursing homes and more.
4. Lightweight, convenient hand held design.
5. LED display lets you know when the device is operating
6. Easy to use
7. Safety features
 - a. Special UV filter gives you 10 times more protection than unshielded UV units
 - b. Bulb containment if the bulb breaks
 - c. Automatic shutoff turns the UV lamp off after a prescribed time period

| Specifications |

- G8T5 germicidal lamp [UV industry standard]
- 4.2V 1,800mA : Rechargeable Lithium ion Battery

| Product Warnings |

- KEEP OUT OF REACH OF CHILDREN-THIS IS NOT A TOY!
- NEVER ALLOW CHILDREN TO OPERATE THIS DEVICE.
- NEVER USE THIS DEVICE DIRECTLY ON ANIMALS.
- ALWAYS WEAR UV RESISTANT SAFETY GLASSES OR GOGGLES WHEN OPERATING AND USING THIS DEVICE.
- NEVER ALLOW THIS DEVICE TO BE POINTED ON ANY PARTS OF THE BODY OR THE EYES.

CAUTION : NEVER LOOK DIRECTLY INTO THE SMOKED GLASS (UV-BAND SAFETY FILTER) AND NEVER EXPOSE YOUR UNPROTECTED EYES OR SKIN TO THE LIGHT IN THIS OR ANY UV DEVICE!

| Purelight UV Light Wand OPERATION |

Set Up for Purelight UV Light Wand:

Assemble the power cord.

Insert power cord connector into the handle of the Purelight UV Light Wand

Plug AC cord into electrical outlet.

Battery Operation Summary:

The Purelight UV Light Wand has four different modes of operation (including "Ready Mode")

1. Ready / Off Mode [Standby]
2. Safety Mode Operation [5minutes]
3. Basic Mode Operation [2hours]
4. Serial Mode Operation [Serial]

PLEASE NOTE : TO TURN OFF UV LAMP FROM SAFETY, BASIC AND SERIAL MODE OPERATION, PRESS BUTTON ONCE.

A. Ready/Off Mode [Standby Indicator]:

When plugged in green "charge" light come on to tell you that the battery is recharging and/or ready to use, also "--" light comes on to tell you that you're in "Ready/Off Mode". Push switch button once to be in "Ready/Off Mode"

- Please note that from "Ready/Off Mode" Purelight will shut off automatically.



Exhibit A : Ready/Off Mode

B. Safety Mode Operation [5 minute Indicator]:

1. Note that when the switch is pushed once, it will make a "beep" sound, but the UV lamp is still not on.

2. To enter "Safety Mode" [5 minutes], rapidly press the switch twice. After successfully pressing the switch, there will be a "beep" sound and [05] light plus the green "Lamp" light at the top left hand corner of the indicator panel will come on indicating that Purelight is in the "Safety Mode"

- This green "Lamp" light indicates whenever UV lamp is ON.

3. When using the "Safety Mode" [5 minutes]. the UV lamp will automatically shut off after 5 minutes.

4. While in "Safety Mode" [5 minutes], every 10 seconds there will be a "beep" sound. Since in most cases, it only takes 10 to 20 seconds of direct exposure of UV-C light to kill most household germs, the intermittent "beep" sounds can be used as a timing signal to gauge necessary exposure of an object or area being sanitized.

5. To turn off the UV lamp before 5 minutes, simply push the switch once.



Exhibit B : Safety Mode

C. Basic Mode Operation [2 hour] RECOMMENDED MODE OF OPERATION

1. Push the switch rapidly 3 times to enter "Basic Mode" [2 hour]. The device will make a "beep" sound, [2h] light will come on plus the green "Lamp" light at the top left hand corner of the indicator panel will come on indicating "Basic Mode" [2 hour]. The unit will now stay on for 2 hours and then shut off automatically.
2. While in "Basic Mode" [2 hour], there will be a "beep" sound every 10 seconds.
3. To turn off the lamp before 2 hours, simply push the switch once.
 - Please maintain plug in when you operate over an hour.



Exhibit C : Basic Mode

D. Serial Mode Operation [Serial]:

In this mode the unit will continue to operate until the customer turns the unit off by pressing the ON/OFF switch once.

1. Push the switch 4 times rapidly to enter "Serial Mode" [Serial]. On entering this mode of operation, the device makes a "beep" sound and [CC] light will come on plus the green "Lamp" light at the top left hand corner of the indicator panel indicating "Serial Mode" [Serial].
2. In "Serial Mode" [Serial] there will NOT be a "beep" sound every 10 seconds.
3. To SHUT OFF the unit, simply push the switch once.
4. At all times, the green LED "Lamp" signal light indicates the UV lamp is ON.
 - Please maintain plug in when you operate over an hour.



Exhibit D : Serial Mode

E. How to charge

1. Charging starts by plugging in the adapter into an outlet.
2. Purelight operates for 60 minutes by charging for 3 hours.
3. Be sure to charge once every two months.
4. When not in use for a long period of time, make the unit fully charged and keep in a safe place.
5. Use regular adapter and rechargeable battery only supplied by Purelight.
6. Purelight XD has Lithium ion rechargeable battery inside of unit (Built-in). This makes it possible both of portable operation (plug-off) and long time continuous operation in one place (plug-in).

| Guidelines for Common Household and Personal Item Applications |

1. Personal hygiene items: Expose items such as personal use razors, hair brushes, combs and other personal hygiene implements at close range (a few inches or less) for a minimum of 10 seconds.
2. Kitchen utensils: Hold the wand at close range, exposing knives, utensils, chopping boards for a minimum of 10 seconds. Use away from water sources.
3. Bed Mattresses / Quilts / Pillows:

(A) Using Purelight with tripod.

Attach PureLight to tripod and be sure to set up PureLight at “2hr mode” exposing UV light wherever you desire.

(B) Hold the Purelight approximately 2 inches [5cm] above the surface and move side-to-side slowly.

(C) Stabilize the PureLight using a corner of bed, facing the surface and turn it on for 30min.

4. Animal bed and enclosures: Hold the Purelight approximately 2inches [5 cm] above the surface and move side-to-side slowly.
5. General Bathroom (Germs and odours): Hold the wand approximately 2 inches [5 cm] above the surface of the toilet seat and slowly move the wand sideways over the entire surface for a total of 20 seconds. Be careful not to immerse the wand in the water.
6. To control airborne germs in the bathroom, turn on the device and hang it in the bathroom for one hour when it is unoccupied. Keep bathroom locked if there are children in the house.
7. Smelly rooms: To minimize/eliminate musty smells in the rooms, leave the device on for two hours to kill germs and moulds while the room is unoccupied. Keep room locked if there are children in the house.
8. Footwear: Expose once a week at close range for five minutes to help kill germs that cause athlete’s foot. Expose the soles of your shoes more frequently - the soles of shoes are the major source of bringing bacteria into the home!
9. Computers, Doorknobs, Telephones, etc.: Expose at a distance of 2inches [5 cm] for 10 seconds.
10. When in doubt, effective disinfecting can generally be achieved in 20 seconds at a distance of about 2 inches [5 cm].

| Guidelines for Hospital / Clinic / Dental Office |

1. Scanning Purelight slowly on any area where patients have spent a lot of time such as reception, examination and patient rooms.
2. Intensive scanning is required for surroundings of patients with contagious disease, heavily illness or weaker immune system.
3. Shining Purelight on the high contact surfaces like curtains, cabinets, counter tops, bedrails, lift tables, phones, light switches, remote controllers, door handles, toilet seats and infusion pumps.
4. Shining on anywhere we need immediate and safe disinfections such as sudden bio-hazardous spills and hygienic water.

| Guidelines for Nursing Home |

1. Scanning Purelight slowly on any area where residents have spent a lot of time such as lounges, examination rooms and resident rooms.
2. Intensive scanning is required for toilet, examination room and surroundings of patients with heavily illness or weaker immune system.
3. Shining Purelight on the high contact surfaces like bed, curtains, cabinets, counter tops, bedrails, lift tables, phones, light switches, pens, drawers, remote controllers, door handles, toilet seats and infusion pumps.

4. Shining on anywhere we need immediate and safe disinfections such as sudden bio-hazardous spills.
5. Hanging Purelight on the wall in room and toilet during human absence reduces odors and airborne bacteria.
6. Shining on the wall or flooring will also bring fresh smells free from molds.
7. It also kills eggs of lice, flea and bedbugs. Hence it can reduce or prevent bed bugs.

| **Technical Support** |

Please send e-mail. And We'll let you know distributor in your area.

Email : sales@n3acorp.com

| **Warranty** |

Enputech Co., Ltd. Products are quality instruments and guaranteed to be free of defects in materials, manufacturing, and workmanship for one year from date of purchase.

Consumable and disposable products including but not limited to lamps or light tubes are guaranteed to be free from defects in manufacture and materials for 90 days from the date of purchase. If equipment failure or malfunction occurs during the warranty period, Enputech Co., Ltd. shall examine the equipment and have the option of repairing or replacing any part(s) which in the judgement of Enputech Co., Ltd. were originally defective or become so under conditions of normal usage and service.

No warranty shall apply to any instruments or part there of, that has been subjected to accidents, neglect, alterations [including removal of any name labels or warning placards], abuse or misuse by the end user. In no event shall Enputech Co., Ltd. be responsible to the end user for any incidental or consequential damage, where foreseeable or not, including but not limited to property damage, inability to use equipment, lost business, lost profits, or inconvenience arising out of or connected with the use of instruments produced by Enputech Co., Ltd.

Enputech Co., Ltd. is not liable or responsible for any persons injured occurring as a result of the use, installation, and/or servicing equipment. This warranty does not supercede any statutory right that might be available in certain countries.

| **Features and Characteristics** |

Product	PureLight XD		PureLight ED	
	XD-2D04(X8)	XD-2D04(X6)	XD-2D04(E8)	XD-2D04(E6)
Model	XD-2D04(X8)	XD-2D04(X6)	XD-2D04(E8)	XD-2D04(E6)
LAMP	8W UV Lamp	6W UV Lamp	8W UV Lamp	6W UV Lamp
Weight	Body 1(lb), Adaptor 0.35(lb)	Body 1(lb), Adaptor 0.35(lb)	Body 0.85(lb), Adaptor 0.35(lb)	Body 0.85(lb), Adaptor 0.35(lb)
Size	20.9(L)*3.15(W)*2.36(H)[inches]	20.9(L)*3.15(W)*2.36(H)[inches]	20.9(L)*3.15(W)*2.36(H)[inches]	20.9(L)*3.15(W)*2.36(H)[inches]
Adapter / Charger	Input :100V-240V, 50-60Hz Out : 4.2V, 1.8A	Input :100V-240V, 50-60Hz Out : 4.2V, 1.0A	Input :100V-240V, 50-60Hz Out : 4.2V, 1.8A	Input :100V-240V, 50-60Hz Out : 4.2V, 1.0A
Lamp life	8,000h	8,000h	8,000h	8,000h
Battery Operating	MAX 60 minutes Charging 3 hours			
Area coverage	253.7nm(Ozone free)	253.7nm(Ozone free)	253.7nm(Ozone free)	253.7nm(Ozone free)
Warranty	1 Year Limited	1 Year Limited	1 Year Limited	1 Year Limited



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