

**VIELIGHT**  
The Life Light™

**X-PLUS V2 USER GUIDE**

**Diagram 1. X-Plus and Components**

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**CHARGING THE CONTROLLER**

**Diagram 2. X-Plus controller and charging adaptor**

1. Before using the X-Plus for the first time, charge the controller using the Vielight charging adaptor:

- Insert the charger plug completely into the charging socket of the controller.
- Connect the charging adapter to the power outlet.
- The slow-pulsing green light of the start button indicates that charging is in progress. The status indicators will gradually light up from numbers 1 to 4 indicating that the battery capacity is building up.
- When the controller is fully charged, the start button light will turn off. The device is fully charged and ready for use.

2. Complete charging takes approximately six hours and, it stops automatically.

3. A fully-charged controller is sufficient for approximately 20 sessions.

4. The device can be used while charging.

5. Do not allow the X-Plus to be completely discharged.

6. Use only the Vielight charging adaptor provided to charge your X-Plus.

**Caution:** Using charging adapters belonging to other electronic devices may damage your Vielight controller and cause injury.

7. The X-Plus is dual voltage 110 and 220V and comes with a North American plug. For use outside of North America, plug the charger into a travel adapter.

8. The battery will not charge when the device is in test mode.

**Important Note:** If you find your controller does not charge and appears to be non-functional, the battery may be exhausted. In this case:  
Step 1: Leave the controller plugged to the charging adaptor overnight to allow for trickle charging.  
Step 2: Press the start button to resume normal charging. When charging is completed, your device is ready for use.

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**POSITIONING**

The X-Plus can be used on various parts of the body, such as on the head, thymus gland and gut.

**Diagram 3. Positioning the X-Plus LED Module Set on the Head**

Position 1: On the Head (Diagram 3)

To achieve best fit and positioning on the head, adjust the length of the module set by pushing or pulling the steel band in or out of the Extender Assembly [J]. If needed, slide Front Support [A] and Middle Support [B] along the band for your comfort. Make sure the LED module is at the same level with the middle of the ear. (Diagram 3)

Position 2: On the Thymus Gland (Diagram 4)

Position the LED module [C] on the thymus gland.

Position 3: On the Gut (Diagram 4)

Position the LED module [C] on the gut. If needed, use the strap(s) to hold module in position. Two straps are included.

Note: It is preferable, but not required, that the LED Module be in direct contact with the skin. If needed, thin clothing can be placed between the LED module and your skin.

**Diagram 4. Positioning the X-Plus LED Module Set on the thymus gland and gut**

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**USING THE X-PLUS FOR THE CEREBELLUM**  
(Diagram 3)

- Insert the LED Module Plug [D] and the Nasal Applicator Plug [F] into the X-Plus controller as shown in the Diagram 1.
- Place the Front Support [A] of the LED Module Set on the forehead and the LED Module [C] at the cerebellum area at the back of the head. Then adjust for best fit by pushing or pulling the steel band in or out of the Extender Assembly [J].
- Insert the X-Plus Nasal Applicator [E] into either the right or the left nostril with the clip on the outside and the lens in the nostril.
- To start a session, press the Start Button [H]. The green steady light of the start button indicates that the session is in progress. The status indicator light will blink from numbers 1-4 gradually to 1-1 as the session progresses. The X-Plus switches off automatically after approximately 20 minutes.

**USING THE X-PLUS FOR THE THYMUS OR THE GUT**  
(Diagram 4)

- Insert the LED Module Plug [D] into the controller as shown in the Diagram 1.
- Place the LED Module Set on the chest or the gut with the lens of the LED Module [C] facing the chest or the gut. Slide the Front Support [A] and Middle Support [B] for your comfort. Then adjust for best fit by pushing or pulling the steel band in or out of the Extender Assembly [J].
- If required, use the strap to hold the LED Module [C] in place when using the X-Plus. Two straps are included.
- To start a session, press the Start button [H]. The green steady light of the start button indicates that the session is in progress. The status indicator light will blink from numbers 1-4 gradually to 1-1 as the session progresses. The X-Plus switches off automatically after approximately 20 minutes.

**RECOMMENDED USAGE**

- For Cerebellum: Use once every two days.
- For Thymus: Use once daily.
- For Gut: Use once daily.

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**USING THE NASAL APPLICATOR**

**Diagram 5. X-Plus Nasal Applicator**

Press the clip gently to insert the applicator lens into the nostril, with the clip on the outside.

For a tighter grip, slip on the sleeve to the clip of the applicator. Either side of the sleeve can be used, with the ribbed surface providing a better grip.

**USING THE CONTROLLER**

The X-Plus controller can be used with:

- Applicator and LED Module Set (preferred).
- LED Module Set only.
- Nasal Applicator only.

**CARE AND CLEANING**

- Clean the X-Plus nasal applicator gently with an alcohol or antiseptic wipe. Optional: Sanitize using UV lamp.
- Clean the other parts with a soft, dry cloth. Do not use abrasive cleaners.
- Do not submerge any component in liquid.
- Store in a dry and dust-free location at temperatures of 10° to 40° C, away from direct sunlight.

**SAFETY ADVICE - LIGHT SOURCE**

**Caution:** 1. Do not stare at the lights.  
2. Do not point the LED module directly to the eyes.

Note: When the device is in run mode, the fan in the LED Module Set makes a whirring sound, which is normal.

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**TROUBLESHOOTING**

Preparing of the X-Plus for troubleshooting:

- Attach the LED module set, nasal applicator and charging adaptor to the X-Plus controller.
- Connect the X-Plus charging adaptor to the power outlet.
- Press and hold the start button for approximately five seconds until it beeps.

**Test results:**

- If all the status indicators (1-4) blink, the system is functioning correctly.
- If one or more of status indicators (1-4) do not blink, an issue is detected. Take note of the numbers of the status indicators that are blinking. Use the SELF TEST INDICATIONS table on page 7 to identify the issue.

Note: When the device is in RUN mode, the red blinking LED module fault indicator/Nasal Applicator fault indicator indicates that the X-Plus LED Module Set/Nasal applicator is not inserted properly or is faulty. In this case, turn off the device, re-insert the LED Module Set/Nasal applicator plug completely into the controller socket and turn on the device again. If the indicator persists blinking, email tech@vielight.com.

**Diagram 6. Troubleshoot**

The DC External Power Indicator lights up when controller is powered by the power outlet. If there is no light, check connection to power outlet.

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**SPECIFICATIONS**

Light source, LED module: 810 nm LED  
Light source, nasal applicator: 633 nm LED  
Output power: Regulated, continuous  
Auto off timer: 20 minutes  
Battery charger: Built in, auto boost & trickle charge, auto shut off  
System health check: 7 parameters, LED indicators, sounder  
Battery Low Indicator: LED, sounder, fault code, auto system shut off  
Fault Indicators: LED, fault code, sounder  
DC external power indicator: LED with independent circuit  
Treatment timer: Sequential light indicator  
Charging Status: Sequential light indicator  
Battery Type: NiMH 1900 mAh, 3.6 V  
Power Adapter: AC Input: 100-240 V, 0.35 A, 50/60 Hz  
DC Output: 7.5 V, 1.0 A

**SELF TEST INDICATIONS**

Blinking Status Indicator	Interpretation	What to do?
1, 2, 3, 4	Normal Function	No action needed.
1, 2	X-Plus Controller is faulty	Email tech@vielight.com with your serial number and date of purchase.
1, 3		
1, 2, 4	X-Plus LED Module Set is not inserted properly or is faulty	Insert the LED Module Set plug completely into the controller socket and test again. If errors persists, email tech@vielight.com with your model number and date of purchase.
1, 4		
1, 4	Low battery	Charge the controller.
2, 3	X-Plus Nasal Applicator is not inserted properly or is faulty	Insert the Nasal Applicator plug completely into the controller socket and test again. If errors persists, email tech@vielight.com with your model number and date of purchase.
2, 4		
1, 2, 3	DC Power input not detected	Check if the DC external power indicator is ON or OFF; a. ON: Email tech@vielight.com with your serial number and date of purchase. b. OFF: Check the power outlet and connection. After you confirm both of them are good, repeat the test. If error persists, email tech@vielight.com with your serial number and date of purchase.

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Follow the instructions in the user guide.

Note important cautionary information.

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**LIMITED ONE - YEAR WARRANTY**

Vielight Inc. guarantees that your Vielight X-Plus device and all of its parts are free of defects in materials and workmanship. Such guarantee is applicable only under the normal intended use of the device as a whole and of all of its parts.

This warranty is limited to a period of one year from the purchase date. Within this period, repairs or exchange of parts that are deemed necessary by the company will be made free of charge.

This warranty does not cover damage by the following:

- Misuse, abuse or alteration to the product
- Damage caused by accident or neglect
- Service or repairs made by unauthorized persons

**LEGAL DISCLAIMER: VIELIGHT INC. SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT.**

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