



# Instruction Manual

## XPP-5420B/G

THANK YOU FOR SELECTING THE NIGHTSTICK XPP-5420B/G  
INTRINSICALLY SAFE FLASHLIGHT!

PLEASE SAVE THESE INSTRUCTIONS

Please read these instructions before using your Nightstick XPP-5420B/G Intrinsicly Safe Flashlight. They include important safety information and operating instructions.



### THE XPP-5420B/G IS APPROVED FOR USE

#### Permissible Nightstick 5420 Flashlight



APPROVAL No. 20-A130001-0

TESTED FOR INTRINSIC SAFETY IN METHANE-AIR MIXTURES ONLY

- WARNINGS:
- 1) MSHA approved for use with three AA Duracell Type PC1500, Energizer Type EN91, and Energizer Type L91 batteries only.
  - 2) Replace the batteries in fresh air only and replace all batteries at the same time. Do not mix batteries from different manufacturers or of different types.
  - 3) Energizer Lithium (Type L91) batteries are to be replaced by a qualified technician only.
  - 4) The Model Nightstick 5420 must not be opened in areas where permissibility is required.



Intertek  
ID 4003544  
INTRINSICALLY SAFE  
SECURITE INTRINSEQUE

CLASS I DIV 1 GRPS A-D T3	Ex ia I Ma
CLASS II & III DIV 1 GRPS E-G T135C	Ex ia IIC T3 Ga
CLASS I ZONE 0 AEx ia IIC T3 Ga	Intertek ITS 13 ATEX27837X
CLASS I ZONE 0 Ex ia IIC T3 Ga	IECEx ETL 13.0026X
Ⓜ I M 1 Ex ia I Ma	-20°C ≤ Tamb ≤ +40°C
Ⓜ II 1 G Ex ia IIC T3 Ga	1.5V/Cell AA Alkaline



#### Conforms to:

ANSI/UL STD 913, ANSI/UL  
60079-0, ANSI/UL 60079-11  
ANSI/ISA 60079-26

#### Certified to:

CAN/CSA STD C22.2 No 157  
CAN/CSA STD C22.2 No 60079-0  
CAN/CSA STD C22.2 No 60079-11  
CSA STD C22.2 No 25

### WARNINGS - INTRINSICALLY SAFE

- Warning: Use only the approved non-rechargeable batteries listed below.
- Warning: Do NOT attempt to use rechargeable AA batteries with this light.
- Warning: To prevent ignition of a hazardous atmosphere, do not open the lens bezel in the hazardous environment. This task must ONLY be performed in an area known to be non-hazardous.
- Warning: When exchanging batteries, use only Duracell PC1500, Energizer EN91 or Energizer L91 batteries.
- Warning: To prevent ignition of a hazardous atmosphere, the AA batteries must only be exchanged in an area known to be non-hazardous.
- Warning: To reduce the risk of explosion, do not mix new non-rechargeable batteries with used non-rechargeable batteries, or mix non-rechargeable batteries from different manufacturers.
- Warning: Substitution of components may impair intrinsic safety.

### SPECIAL INSTRUCTIONS FOR INTRINSIC SAFETY

- For personal safety, always confirm the rating of any known hazardous or potentially hazardous location where the light is to be used.

### BATTERY INSTALLATION

**WARNING:** In order to maintain the XPP-5420B/G's Intrinsicly Safe rating, the only AA batteries certified for use with this light are the Duracell PC1500, Energizer EN91 or Energizer L91 batteries.

- Do not attempt to use any other brand or model of AA batteries with this light.
- Do not attempt to use any type of rechargeable AA batteries with this light.

**Warning:** To prevent ignition of a hazardous atmosphere, do not remove the lens bezel or the reflector / battery carrier in the hazardous environment. This task must ONLY be done in an area known to be non-hazardous.

- Loosen the locking screw located on the side of the lens cap. NOTE: Do NOT attempt to completely remove the locking screw. Doing so is not necessary and may damage the threads. The screw simply needs to be loosened enough to allow the lens bezel to unscrew.
- Unscrew the lens bezel from the housing in a counter-clockwise direction.
- Turn the light upside down and carefully shake the light in order to remove the reflector / battery carrier. Allow the reflector / battery carrier to slide into your hand. WARNING: Do NOT touch the reflector surface with your finger. Doing so may damage the reflector surface.
- Using 3 – AA Duracell PC1500, Energizer EN91 or Energizer L91 batteries (make sure that all 3 batteries are of the same model), install the batteries in the carrier paying close attention to the markings on the battery carrier for proper battery terminal polarity alignment.
- Align the reflector / battery carrier so that the switches on the carrier are aligned with the switches on the housing. Carefully insert the reflector / battery carrier back into the flashlight housing until it is fully seated in the housing. WARNING: Be careful to not touch the reflector surface with your finger. Doing so may damage the reflector surface.
- Replace the lens bezel by screwing it onto the housing in a clockwise direction.
- Tighten locking screw. CAUTION: Do NOT over-tighten. Doing so may damage the threads and impact the light's Intrinsic Safety.

### OPERATION

THE XPP-5420B/G HAS TWO SEPARATE LIGHTING MODES:

- Momentary Flashlight
- Constant-on Flashlight

#### MOMENTARY FLASHLIGHT MODE

Lightly press the body switch for momentary operation. Release the switch to turn the light off.

#### CONSTANT-ON FLASHLIGHT MODE

Press the body switch until it clicks and then release for constant-on

mode. Press and release the body switch again to turn the light off.

## **WARRANTY**

### **LIMITED LIFETIME WARRANTY**

Bayco Products, Inc. warrants this product to be free from defects in workmanship and materials for the original purchaser's lifetime. The Limited Lifetime Warranty includes the LEDs, housing and lenses. Rechargeable batteries, chargers, switches, electronics and included accessories are warranted for a period of two years with proof of purchase. Disposable, non-rechargeable batteries are excluded from this warranty. Normal wear and failures which are caused by accidents, misuse, abuse, faulty installation and lightning damage are also excluded.

In the event that Bayco Products, Inc. receives notice that any product does not conform to its warranty, the original purchaser's sole and exclusive remedy, and Bayco Products, Inc.'s sole and exclusive liability, shall be for Bayco Products, Inc., at its sole option, to either repair or replace the non-conforming product in accordance with this limited warranty. The original purchaser shall follow the instructions below to qualify for a repair or replacement product. This is the only warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose.

IN NO EVENT WILL BAYCO PRODUCTS, INC. OR ITS AFFILIATES OR SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE. THE TOTAL CUMULATIVE LIABILITY TO CUSTOMER, FROM ALL CAUSES OF ACTION AND ALL THEORIES OF LIABILITY, WILL BE LIMITED TO AND WILL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT PAID BY CUSTOMER.

If this product is used for rental purposes, the warranty term is reduced to 90 days from the date of purchase.

### WARRANTY CLAIMS – USA

Return the product to the place of purchase for all warranty related issues. If this is not possible, contact Bayco Customer Service for a Return Goods Authorization (RGA). Do not return this product to Bayco without first receiving an RGA Number from Bayco Customer Service. When returning the product, the RGA Number must be written on the outside of the shipping box.

### WARRANTY CLAIMS – OUTSIDE OF USA

Return the product to the place where purchased for all warranty related issues.

### EXTENT OF COVERED WARRANTY WORK

Bayco will repair or replace this product at our option. If it is determined that the warranty is no longer in effect, Bayco will contact you with a repair estimate before beginning any work.

### WARRANTY QUESTIONS

If you have any questions about this warranty or any other Bayco product inquiries, please contact Bayco Customer Service.