



# NIGHTSTICK XPP-5414GX Series Intrinsically Safe Dual Light Flashlight Instruction Manual

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## Instruction Manual XPP-5414GX

Please read these instructions before using your Nightstick XPP-5414 Intrinsically Safe Flashlight. They include important safety information and operating instructions.

### THE XPP-5414GX IS APPROVED FOR USE

Bayco Products, Inc. XPP-5414GX  
640 S. Sanden Blvd., Wylie, TX 75098

Ex ia FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

CLASS I DIV 1 GRPS A-D T3	Ex ia op is IIC T3 Ga
CLASS II & III DIV 1 GRPS E-G T135°C	Intertek ITS 18 ATEX202366X
CLASS I ZONE 0 AEx ia IIC T3 Ga	IECEX ITS 18.0005X
Ex ia IIC T3 Ga	-20°C ≤ Tamb ≤ +40°C
II 1 G Ex ia op is IIC T3 Ga	1.5V/Cell with two Energizer E91 or EN91



**Intertek**  
ID 4003544

INTRINSICALLY SAFE  
SECURITE INTRINSEQUE



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## 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 Energizer EN91 or Energizer E91 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 batteries with used batteries, or mix 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-5414's Intrinsically Safe rating, the only AA batteries certified for use with this light are the Energizer EN91 or Energizer E91 batteries.

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

**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 batteries. Allow the batteries to slide into your hand.
- Using 2 AA Energizer EN91 or Energizer E91 batteries (make sure that all batteries are of the same model), install the batteries in the carrier paying close attention to the markings inside the housing for proper battery terminal polarity alignment.
- 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-5414 HAS FOUR SEPARATE LIGHTING MODES:**

#### **MOMENTARY FLASHLIGHT MODE**

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

#### **CONSTANT-ON FLASHLIGHT MODE**

Press the top body switch until it clicks and then release for constant-on mode. Press and release the top body switch again to turn the light off.

#### **FLOODLIGHT MODE**

Press the bottom body switch until it clicks and then release for floodlight mode.

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

#### **DUAL-LIGHT MODE**

Dual-Light allows the user to turn on both the Flashlight and the Floodlight, at the same time. Press the top body switch until it clicks and then release for constant-on mode Flashlight Mode. Next press and release the bottom switch to activate the Floodlight. Both the Flashlight and the Floodlight are now running. Press and release both the top and bottom body switches to turn the lights 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. Normal wear and failures which are caused by accidents, misuse, abuse, faulty installation and lightning damage are excluded.

We will repair or replace this product should we determine it to be defective. This is the only warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose.

For a complete copy of the warranty, go to [www.baycoproducts.com/bayco-productsupport/warranties](http://www.baycoproducts.com/bayco-productsupport/warranties).

Retain your receipt for proof of purchase.



Model(s):	XPP-5414GX XPP-5414RX	Declaration Number:	20180124-C
Product Type:	Portable Intrinsically Safe LED Dual-light Flashlight		

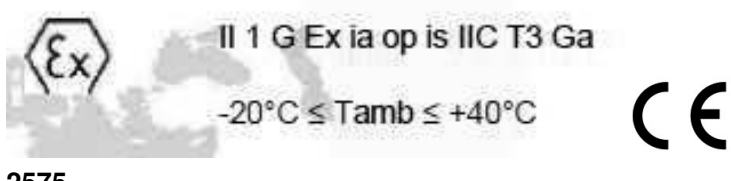
Company Name:	Bayco Products Inc.
Address:	640 S. Sanden Blvd.
City, State, Postcode:	Wylie, Texas 75098 USA
Phone / Website:	001-469-326-9400 / <a href="http://www.nightstick.com">www.nightstick.com</a>

We hereby declare that the product identified above meets the requirements of the Directives listed below. Therefore, they qualify for free movement within markets comprising the European Union (EU), the European Economic Area (EEA). This declaration is issued under the sole responsibility of the manufacturer.

The following EU harmonized, designated standards and technical specifications have been applied and evaluated by:

Directives:	ATEX Directive 2014/34/EU	
Notified Body:	<b>INTERTEK ITALIA SPA</b> Via Guido Miglioli, 2/A 20063 Cernusco sul Naviglio (MI) Italy	
Notified Body Number:	2575	
Certificate Number:	ITS18ATEX202366X	

Standards:	EN 60079-0: 2018
	EN 60079-11: 2012 (ia)
	EN 60079-28: 2015 (op is)

Type Approval:	 <p>II 1 G Ex ia op is IIC T3 Ga -20°C ≤ Tamb ≤ +40°C 2575</p>
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These Products are fully compliant and do not contain the restricted substances above levels noted in EU RoHS.



**Name: Mark Situ**  
**Title: Quality Director**  
**Date: 20th May 2021**



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INS-XPP-5414GX-DL-21

## Documents / Resources



[NIGHTSTICK XPP-5414GX Series Intrinsically Safe Dual Light Flashlight](#) [pdf] Instruction Manual  
XPP-5414GX Series, Intrinsically Safe Dual Light Flashlight, XPP-5414GX Series Intrinsically Safe Dual Light Flashlight, Light Flashlight, Flashlight