



Instruction Manual

XPP-5454G

US PATENT 9,713,217

THE XPP-5454G IS APPROVED FOR USE

Bayco Products, Inc. XPP-5454G
640 S. Sanden Blvd., Wylie, TX 75098



Intertek

| | |
|---------------------------------|----------------------------|
| CLASS I DIV 1 GRPS A-D T3 | Ex ia op is IIC T3 Ga |
| CLASS II & III GRPS E-G T135°C | Intertek ITS 13 ATEX27928X |
| CLASS I ZONE 0 AEx ia IIC T3 Ga | IECEX ITS 18.0030X |
| Ex ia IIC T3 Ga | -20°C ≤ Tamb ≤ +40°C |
| Ⓜ II 1 G Ex ia op is IIC T3 Ga | 1.5V/Cell E92 or EN92 |



Conforms to:

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

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



XPP-5454G

- Tighten locking screw. CAUTION: Do NOT over-tighten. Doing so may damage the threads and impact the light's Intrinsic Safety.

OPERATION

THE XPP-5454G HAS TWO BUTTONS THAT CONTROL LIGHT OUTPUT:



LIGHTING MODES

Pressing the Spotlight Button will turn on the spotlight. Pressing the Floodlight Button will turn on the floodlight. Pressing both buttons will turn on both the Spotlight and the Floodlight. This mode is called Dual-Light.

EACH BUTTON HAS TWO BRIGHTNESS SETTINGS

- High-brightness - Press the desired button once
- Low-brightness - Press the desired button a second time
- Pressing the same button a third time will turn that lighting mode off

THE XPP-5454G HAS A TILT ADJUSTMENT FEATURE:

Simply adjust the tilt angle of the light to illuminate the desired area.

THE XPP-5454G COMES WITH TWO DIFFERENT HEADBANDS:

ELASTIC NON-SLIP HEADBAND

Use this headband for wearing the headlamp directly on your head or while wearing a soft hat such as a ball cap. The non-slip feature will keep the light positioned on the head even during vigorous movement.

HEAVY-DUTY RUBBER HEADBAND

Use the heavy-duty rubber headband on any hardhat. The tacky nature of the strap will keep the light attached even if the hat is dropped or used in wet conditions.

WARNINGS - INTRINSICALLY SAFE

- Warning: Use only the approved non-rechargeable batteries listed below.
- Warning: Do NOT attempt to use rechargeable AAA batteries with this light.
- Warning: To prevent ignition of a hazardous atmosphere, do not open the battery compartment 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 E92 or EN92 BATTERIES.
- Warning: To prevent ignition of a hazardous atmosphere, the AAA 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-5454's Intrinsically Safe rating, the only AAA batteries certified for use with this light are the ENERGIZER E92 or EN92 BATTERIES.

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

Warning: To prevent ignition of a hazardous atmosphere, do not open the battery compartment door 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 back of the battery compartment door. 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 battery compartment door to open.
- Using 3 – AAA ENERGIZER E92 or EN92 BATTERIES (make sure that all 3 batteries are of the same model), install the batteries in the back of the light paying close attention to the markings inside the battery compartment for proper battery terminal polarity alignment.
- Close the battery compartment door.

EU Declaration of Conformity (DoC)

XPP-5454G / XPP-5454GC

Company name Bayco Products

Postal address:

Postcode and City:

Declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus model/Product: **XPP-5454G / XPP-5454GC**

Type: Flashlight


ATEX Directive 2014/34/EU

**The following harmonised standards and technical specifications have been applied:
Evaluated to the following safety standards by Intertek:**

EN 60079-0:2012/A11:2013 EN 60079-11:2012 (ia) EN 60079-28:2015 (op is)

These Products are fully compliant and do not contain the restricted substances above levels noted in EU RoHS.

Certificate No. ITS13ATEX27928X/2

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-20°C ≤Ta ≤40°C

 0359

Name James Conner
Engineer

Date of issue:

Form F-900-001 Rev-B