NIGHTSTICK®
Life Depends on Light™

Instruction Manual
FORTEM™ XPP-5466

US PATENT 9,713,217

THE XPP-5466 IS APPROVED FOR USE

Bayco Products, Inc.   XPP-5466

c(UL)us LISTED

E 467756
ID 4001184
INTRINSICALLY SAFE
SECURITE INTRINSEQUE

CE 0359

CLASS I DIV 1 GRPS A-D T4
CLASS II & III DIV 1 GRPS E-G T135°C
CLASS I ZONE 0 AEx ia IIC T4 Ga
CLASS I ZONE 0 Ex ia IIC T4
-20ºC ≤ Tamb ≤ +40ºC
3.0V/Cell / Energizer 123

WARNINGS:
Do not change batteries in hazardous location.
Use only Energizer 123 Batteries

Conforms to:
ANSI/UL STD 913, ANSI/UL 60079-0

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 CR123A 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 CR123A BATTERIES.

• Warning: To prevent ignition of a hazardous atmosphere, the CR123A 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.

STROBE WARNING

Exposure to strobing lights may cause dizziness, disorientation, and nausea. A very small percentage of people suffer from photosensitive epilepsy and may experience seizures or blackouts triggered by strobing lights.

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.
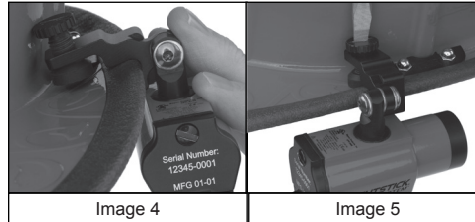
INSTALLING BATTERIES INTO THE FORTEM

| Image 1 | Image 2 | Image 3 |

• To install the included CR123A Lithium Batteries in the FORTEM, begin by unscrewing the screw on the battery compartment door. (Image 1)

• Insert both batteries into the battery compartment paying attention to the battery orientation marked on the back of the battery compartment door. (Image 2)

• Re-install the battery compartment screw by pressing the door fully closed and then tightening the screw until it is hand tight. CAUTION: Do not cross-tread or strip the screw threads. (Image 3)

• Test the operation of the light (see OPERATION below).

INSTALLING THE FORTEM ON TO THE HELMET

| Image 4 | Image 5 |

• Choose the side of the helmet you wish to mount the light on.

• Rotate the mount to orient the clamp with thumbscrew on top.

• Open the clamp completely and fully seat over helmet brim, ensuring the clamp clears any rubber helmet trim. (Image 4)

• Tighten the clamp firmly with a flat-blade screwdriver. (Image 5)

SETTING THE ANGLE OF THE LIGHT

• Twist the light left or right on the vertical pivot until beam pattern is in an ideal position.

• The tension on the mount is meant to be firm to maintain the aim.

• Once aimed, the mount allows the user to position light above or below the brim by rotating up or down as needed.

OPERATION

The FORTEM has seven lighting modes:
• Constant-on high-brightness flashlight
• Medium-brightness flashlight
• Low-brightness flashlight
• Constant-on high-brightness floodlight
• Medium-brightness floodlight
• Low-brightness floodlight
• Constant-on Dual-Light mode

The FORTEM has two switches, the flashlight switch (closest to the front of the light) and the floodlight switch (closest to the rear of the light) providing access to all modes.

CONSTANT-ON FLASHLIGHT

Press the flashlight switch (closest to the front of the light) until it clicks and then release for constant-on flashlight in high-brightness mode. Press and release this same switch again to turn the light off.

SELECT FLASHLIGHT BRIGHTNESS LEVEL

Press and hold down the flashlight switch. The flashlight will cycle from high to medium to low and then back up again at a rate of approximately one mode per second. The light will continue to cycle up and down through the various modes as long as the flashlight switch is held down. When the desired brightness level is reached, simply release the flashlight switch, and the light will remain in that brightness mode. Pressing and holding the flashlight switch again will cause the light to cycle from whatever mode it is currently in. Press and release the flashlight switch to turn the light off.

CONSTANT-ON FLOODLIGHT

Press the floodlight switch (closest to the rear of the light) until it clicks and then release for constant-on floodlight in high-brightness mode. Press and release this same switch again to turn the light off.

SELECT FLOODLIGHT BRIGHTNESS LEVEL

Press and hold down the floodlight switch. The floodlight will cycle from high to medium to low and then back up again at a rate of approximately one mode per second. The light will continue to cycle up and down through the various modes as long as the floodlight switch is held down. When the desired brightness level is reached, simply release the floodlight switch, and the light will remain in that brightness mode. Pressing and holding the floodlight switch again will cause the light to cycle from whatever mode it is currently in. Press and release the floodlight switch to turn the light off.

DUAL-LIGHT

Dual-Light allows the user to turn on both the Flashlight and the Floodlight, at the same time. Simply press each switch to turn on each lighting mode. Both the Flashlight and the Floodlight are now running. Press and release each switch to turn the light off.

Learn more about work lights on our website.