





Instruction Manual

XPR-5580G/R

Please read these instructions before using your Nightstick XPR-5580. They include important safety information and operating instructions.

THE XPR-5580 IS APPROVED FOR USE

 E 467756 ID 4001184 INTRINSICALLY SAFE SECURITE INTRINSEQUE  0359	Bayco Products, Inc. XPR-5580	
	Ex ia FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS UL listed for use with Bayco Li-ion Battery Pack 5500-BATT CLASS I DIV 1 GRPS A-D T4 CLASS II & III DIV 1 GRPS E-G CLASS I ZONE 0 GRP IIC T4 CLASS II ZONE 20 IIC T135°C Ⓜ II 1 G Ex ia IIC T4 Ga	Ex ia IIC T4 Ga DEMKO 16 ATEX 1796 IECEx UL 16.0154 -20°C ≤ Tamb ≤ +40°C 3.7V/Cell 5500-BATT U _m = 4.75V

WARNINGS - INTRINSICALLY SAFE

- Warning: To prevent ignition of a hazardous atmosphere, do not locate the charger for this product in the hazardous environment. The charger for this product must be located in an area known to be non-hazardous ONLY.
- Warning: To prevent ignition of a hazardous atmosphere, do not attempt to charge this product in the hazardous environment. This task must ONLY be performed in an area known to be non-hazardous.
- Warning: Lithium-ion batteries must be used and charged properly. Improper use can result in serious injury, fire, or death.
- Warning: Use only the included and approved 5580-BATT rechargeable battery pack from Bayco Products.
- Warning: Do NOT attempt to use any other rechargeable or non-rechargeable 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 the rechargeable battery pack, use only the approved 5580-BATT rechargeable battery pack from Bayco Products.
- Warning: To prevent ignition of a hazardous atmosphere, the rechargeable battery pack must only be exchanged in an area known to be non-hazardous.
- Warning: Do not expose the rechargeable battery pack to water or salt water, or allow the battery pack to get wet.
- Warning: Do not store the rechargeable battery pack with metallic objects that may cause a short circuit.
- 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.

INITIAL USE

Warning: To prevent ignition of a hazardous atmosphere, do not attempt to charge this product in the hazardous environment. This task must ONLY be performed in an area known to be non-hazardous.

Fully charge the XPR-5580 before the first use, or if the battery is new or has been unused for several months. The maximum charge time required is approximately 6 hours.

DAILY USE

WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, DO NOT ATTEMPT TO CHARGE THIS PRODUCT IN THE HAZARDOUS ENVIRONMENT. THIS TASK MUST ONLY BE PERFORMED IN AN AREA KNOWN TO BE NON-HAZARDOUS.

- Use only the supplied Nightstick charger, 5580-BATT rechargeable battery pack and AC or DC adapter. For best performance, charge the 5580 when the flashlight beam starts to dim.

- Connect the AC power adapter to the charger. The LED indicator will not be illuminated at this point.
- With the flashlight facing forward, slide the 5580 into the charger until the contacts snap into place.
- The LED indicator changes to constant red indicating the 5580 is properly inserted into the charger and is in fact charging. The LED indicator remains red until the battery is fully charged. At full charge, the LED indicator turns green.
- The total time to full charge the 5580 varies depending on the remaining charge in the battery pack.
- To confirm a full charge, keep the 5580 in the charger and turn it on. The LED indicator will change to red. Turn off the 5580. If the 5580 is fully charged, the LED indicator will turn green. If not, it remains red until the charge is completed and the LED indicator turns green. The 5580 will now be fully charged.

REPLACING LITHIUM-ION RECHARGEABLE BATTERY

While it is highly unlikely that the Lithium-ion Rechargeable Battery Pack for the XPR-5580 will ever need replacement, the product is designed to allow the end user to replace it if needed. To replace the rechargeable battery pack, carefully follow the instructions listed below:

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 THE RECHARGEABLE BATTERY PACK, USE ONLY THE APPROVED 5580-BATT RECHARGEABLE BATTERY PACK FROM BAYCO PRODUCTS.

WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, THE RECHARGEABLE BATTERY PACK MUST ONLY BE EXCHANGED IN AN AREA KNOWN TO BE NON-HAZARDOUS.

- Carefully loosen the center plug located on the rear side of the light with a flat head screw driver or small coin in a counter-clockwise direction.
- Slowly turn the light upside down and carefully shake the light in order to allow the 5580-BATT rechargeable battery pack to slide out of the light paying close attention to the battery pack's orientation within the housing.
- Using only the approved replacement 5580-BATT rechargeable battery pack from Bayco Products, slide the new battery pack into the housing of the light using the directional arrow marked on the side of the pack to be a guide to proper battery orientation.
- Carefully tighten the plug with a flat head screw driver or small coin until it is fully seated. CAUTION: Do NOT overtighten the plug. Doing so may damage the threads and impair the light's ability to properly charge and impact the light's Intrinsic Safety.

OPERATION

The XPR-5580 has ten lighting modes:

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|---------------------------------|--------------------------------|
| • High brightness flashlight | • Survival mode |
| • Medium brightness flashlight | • Blinking floodlight |
| • Low brightness flashlight | • Dual-light |
| • High brightness floodlight | • Constant-on rear green light |
| • Medium brightness floodlight, | • Blinking rear facing light |

The XPR-5580 has two body switches providing access to all modes.

Constant-on Flashlight

Press the left switch forward for high-brightness flashlight. Press the switch forward again to turn the light off.

Select Brightness Level

Press and hold the left switch forward. The flashlight will cycle from high to medium to low mode 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 left switch is held down. When the desired brightness level is reached, release the left switch and the light will remain in that brightness mode. Press the left switch forward again to turn the light off.

Rear Facing Lights

Press the left switch backward to turn on the rear facing green lights. Press the switch backward again to turn the lights off. Press and hold the left switch backward to activate the rear facing beacon lights.

Constant-on Floodlight

Press the right switch forward for high brightness floodlight. Press the switch forward again to turn the light off.

Select Brightness Level

Press and hold the right switch forward. The floodlight will cycle from high to medium to survival mode and then back up again at a rate of approximately one mode per second. The light will continue to cycle through the modes as long as the right switch is held down. When the desired brightness level is reached, release the left switch, and the light will remain in that brightness mode. Press the right switch forward again to turn the light off.

Floodlight Beacon

Press the right switch backward for floodlight beacon. Press the switch backward again to turn the floodlight beacon off.

Dual-Light

Dual-Light allows the user to turn on both the Flashlight (at any brightness level) and the Floodlight (at any brightness level), at the same time. First select the appropriate brightness level of the flashlight using the directions above. Next select the appropriate brightness level of the floodlight using the directions above. Both the Flashlight and the Floodlight are now running. Press and release both the left and right switches forward to turn the lights off.