



# Instruction Manual

## INTEGRITAS™ XPR-5582

Please read these instructions before using your Nightstick XPR-5582. They include important safety information and operating instructions.

### 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 5582-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 5582-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-5582 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, 5582-BATT rechargeable battery pack and AC or DC adapter. For best performance, charge the 5582 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 5582 into the charger until the contacts snap into place.
- The LED indicator changes to constant red indicating the 5582 is properly inserted into the charger and is charging. The LED indicator remains red until the battery is fully charged. At full charge, the LED indicator turns green.
- The total time to fully charge the 5582 varies depending on the remaining charge in the battery pack.
- To confirm a full charge, keep the 5582 in the charger and turn it on. The LED indicator will change to red. Turn off the 5582. If the 5582 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 5582 will now be fully charged.

### REPLACING LITHIUM-ION RECHARGEABLE BATTERY

**WARNING: WHEN EXCHANGING THE RECHARGEABLE BATTERY PACK, USE ONLY THE APPROVED 5582-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.**

- Loosen the screws located on the bottom of the light and remove the plate to expose the battery pack.
- The battery is connected to the light with a wire that has a snap connector. Remove the battery pack from the light by first disconnecting the wires that snap together.
- Using only the approved replacement 5582-BATT rechargeable battery pack from Bayco Products, place the new battery pack into the housing and reconnect the wires.
- Replace the base plate and tighten all the screws. CAUTION: Do NOT overtighten the screws. Doing so may damage the threads and impact the light's intrinsic safety.

### DIRECT WIRING CHARGER BASE INTO A VEHICLE

**WARNING: MODIFYING THE INCLUDED CIGARETTE LIGHTER PLUG-IN DC ADAPTER CORD WILL VOID YOUR PRODUCT WARRANTY.**

#### 12V PASSENGER VEHICLE / LIGHT TRUCK INSTALLATION

Parts needed: **12-Volt Direct Wire Kit**

**IMPORTANT: Before attempting to modify your vehicle's wiring, remove the negative battery clamp and secure it.**

- Connect red positive wire (labeled +) of 12-Volt Direct Wire Kit to a positive power source (12VDC), either directly to the battery for constant charging, or fuse panel for ignition switch-operated power.
- Connect black wire of 12-Volt Direct Wire Kit (labeled -) to a ground wire or chassis ground.

**Note:** Direct battery connection will provide constant charging for your light but should only be used in combination with a supplemental vehicle trickle charger / shore power connection. Failure to provide this supplemental vehicle charging source could result in draining the main vehicle battery.

#### 12V+ COMMERCIAL VEHICLE / APPARATUS INSTALLATION

For commercial vehicles or fire apparatus that produce more than 12VDC, the **12-36 Volt Regulator/Direct Wire Kit** is required.

**IMPORTANT: Before attempting to modify your vehicle's wiring, remove the negative battery clamp and secure it.**

- Connect red wire of 12-36 Volt direct-wire adapter to a positive power source (12-36VDC), either directly to the battery for constant charging, or fuse panel for ignition switch-operated power.
- Connect black wire to a ground wire or chassis ground.

**Note:** Direct battery connection will provide constant charging for your light but should only be used in combination with a supplemental vehicle trickle charger / shore power connection. Failure to provide this supplemental charging source could result in draining the main vehicle battery.

### OPERATION

#### Turn Light On/Off:

Press and release the flashlight switch. The light will turn on in high brightness mode. Press and release to turn off.

#### Select Brightness Level:

Press and hold the flashlight switch. The light will cycle from high to low and back at a rate of approximately one mode per second and will continue to cycle while the switch is held down. Release the switch when the desired brightness level is reached.

#### Rear Light:

The rear green LED light stays on while flashlight is in operation regardless of mode selected.