

FOXPRO[®]
High Performance Game Calls



FIRE  **FLY**
S C A N L I G H T

INSTRUCTION MANUAL



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Important Information

FOXPRO®'s goal is to provide our customers with the highest quality products in the industry. We take great pride in manufacturing our products in the USA. Please do not hesitate to contact us for assistance, comments or questions.

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1. Getting Started

Congratulations on your purchase of the FOXPRO Fire Fly Scan Light! To avoid personal injury and product damage, be sure to read all operating instructions before operating.

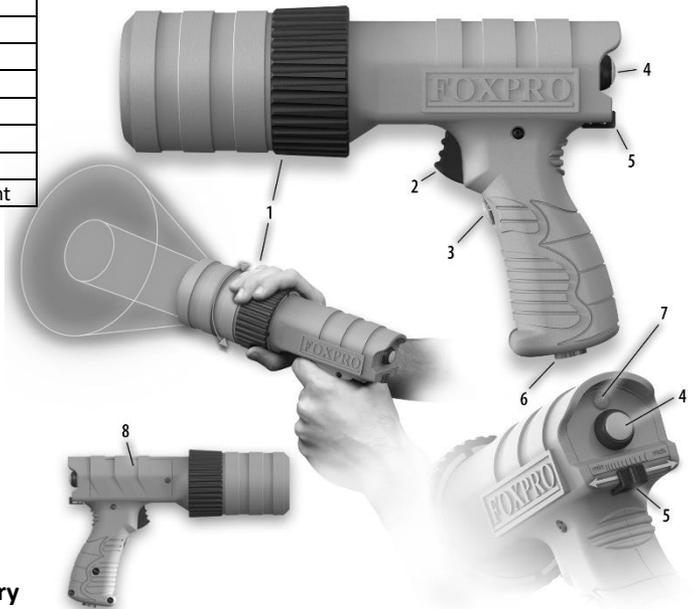
1-1 What's in the box?

Included in the Fire Fly Scan Light box, you should find the following items: Fire Fly Scan Light, 11.1V Li-Ion battery pack, and wall charger.

1-2 First Glance

Take a moment to familiarize yourself with the Fire Fly Scan Light, depicted in the image below. The numbered elements in the image correspond to the chart below for proper identification.

| NO. | DESCRIPTION |
|-----|----------------------|
| 1 | Beam adjuster |
| 2 | Primary trigger |
| 3 | Instant max bright |
| 4 | Battery level test |
| 5 | LED intensity slider |
| 6 | Charge jack |
| 7 | Battery indicator |
| 8 | Battery compartment |



1-3 Installing the Battery

The Fire Fly ships with an 11.1V Li-Ion rechargeable battery. Prior to field use, we recommend charging the battery to ensure that it is fully charged. **Please see Section 2 of the manual for battery charging information and safety precautions.**

1. Identify the battery compartment door on the side of the Fire Fly Scan Light (item number 8 in Section 1-2).
2. Remove the knurled thumbscrew securing the battery compartment door to the Fire Fly Scan Light. The image on the following page shows the Fire Fly battery compartment.



3. Identify the connector on the battery pack and the connector inside the battery compartment. Notice that the connector on the battery has a raised ledge and the connector in the battery compartment has an arm. Be sure that the raised ledge on the battery wire connector slides underneath the connector arm on the wire in the battery compartment.
4. Join the two connectors together.
5. Insert the battery pack into the battery compartment. Keep the connectors to the left, or rear, of the battery compartment. Be sure to position the wires carefully so they do not get pinched when you replace the door. Be sure to carefully tuck the wires and the connectors behind the battery to the left, as pictured below, to ensure a proper fit.



6. Replace the door on the Fire Fly Scan Light and tighten the screw.

1-4 Run Time, Peak Beam Intensity, and Distance

Average run time at 80% brightness is approximately 5.5 hours of continuous operation. The following chart provides an overview of peak beam intensity (measured in Candela), and maximum beam distance referenced in meters. The measurements were performed with a sensor 2 meters from the front of the lens and in accordance with the ANSI FL 1 Standard.

| Color | Peak Beam Intensity (cd) | Max Beam Distance (m) |
|-------|--------------------------|-----------------------|
| Red | 45960 | 428 |
| White | 92080 | 606 |
| Green | 44400 | 421 |

The IR version generates a nominal radiant flux level of 1150 milliwatts at a wavelength of 950 nanometers. The useful beam distance is determined largely by the sensitivity of the IR viewing equipment employed by the user to detect the beam.

2. Battery Charging Information & Safety Precautions

The image below shows the Fire Fly Scan Light charge jack and charger. The Li-Ion rechargeable battery can be recharged directly through the Fire Fly Scan Light. You can either charge your battery pack while the battery pack is inside of the Fire Fly, or you can charge the battery pack externally. The images below show the wall charger and the charge jack.



2-1 Internal Charging

1. Turn off the Fire Fly.
2. Make sure that the battery is properly connected inside of the battery compartment (see Section 1-3 for battery installation instructions).
3. Connect the wall adapter to a standard wall outlet (up to 240VAC 50/60Hz).
4. Connect the other end of the charger to the charge jack on the bottom of the Fire Fly grip (see the image above). Upon connecting the charger to the Fire Fly, the LED on the charger will glow red, indicating that the charging process is occurring. When the charge is complete, the LED on the charger will turn green.
5. Total charging time from depleted until full is approximately 2 hours.

2-2 External Charging

1. Turn off the Fire Fly.
2. Remove the battery compartment door from the Fire Fly and remove the battery.
3. Notice the small, two-pin receptacle on the end of the wall charger. This receptacle accepts the connector from the battery pack itself. Join the two connectors together.
4. Plug the wall adapter into a standard wall outlet (up to 240VAC 50/60Hz).
5. The LED on the wall adapter will glow red while charging and switch to green when complete. Total charge time from depleted until full is approximately 2 hours.

WARNINGS AND GENERAL PRECAUTIONS FOR CHARGING

- **Do not connect the charger to the light and an external battery at the same time!**
- **Never attempt to charge batteries that are not intended to be recharged!** This includes both Zinc Carbon and alkaline cells. The resulting damage can be serious and will not be covered by the warranty.
- For maximum charge efficiency, we recommend charging the battery in temperatures ranging from 40°F to 85°F (5°C to 30°C).
- Make sure that the rechargeable battery pack is properly installed in the Fire Fly Scan Light.
- Connect the approved FOXPRO charger to the charge jack on the Fire Fly Scan Light and attach the transformer to the appropriate outlet.
- Do not leave charging batteries unattended.
- Remove the battery pack from the Fire Fly Scan Light when it will not be used for prolonged periods.
- Recharge your battery pack periodically.

3. Using the Fire Fly Scan Light

This section covers standalone Fire Fly Scan Light operation in detail. Please read the following warning prior to use:

WARNING!

DO NOT LOOK DIRECTLY INTO THE LIGHT WHEN IT IS POWERED ON AND NEVER SHINE THE LIGHT DIRECTLY INTO THE EYES OF ANOTHER PERSON! THE FIRE FLY SCAN LIGHT IS EXTREMELY BRIGHT AND IMPROPER USE COULD RESULT IN PERMANENT EYE DAMAGE! THE LIGHT SHOULD ALWAYS BE FACING DOWN RANGE AND AWAY FROM OTHER PEOPLE.

3-1 Turning on/off the Fire Fly Scan Light

Turn on the Fire Fly Scan Light by pushing the Primary Trigger Button a single time; the light will turn on immediately. To turn off the Fire Fly Scan Light, push the Primary Trigger button again.

3-2 Setting the Brightness

On the rear of the Fire Fly Scan Light you will find the Brightness Adjustment Slider. The brightness ranges from lowest (slider completely to the left) to highest (slider completely to the right). By moving the slider from left to right you can control the brightness. The higher you set the brightness, the more power will be required to operate the light at the brightness level. See Section 1-4 of the manual for run times. If you have the slider set to a low brightness setting, you can push the Instant Max Bright Button, located under the Primary Trigger Button. The Fire Fly will be at its maximum brightness level for the duration that you hold in the Instant Max Bright Button and returns to the brightness set by the slider upon release.

3-3 Adjusting Beam Focus

The Fire Fly Scan Light beam can be adjusted to produce a wider (less focused) or narrower (more focused) beam by twisting the beam adjustment either clockwise or counterclockwise. With the beam adjustment twisted fully counterclockwise, the beam will be at its narrowest or most focused state. With the beam adjuster moved fully clockwise, the beam will be at its widest or least focused state.

3-4 Low Battery Detection & Checking Battery Level

While operating the Fire Fly Scan Light, if the battery pack gets low, the LED will blink two times every 3 seconds to indicate the low battery state. This indicates that it is time to recharge your battery pack or install a fresh one. For charging information, please refer to Section 2 of this manual. You can check the battery level when the Fire Fly is turned on by pushing the Battery Level Test button, located above the LED

Intensity Slider. When you push this button, the LED will blink a specific number of times to represent the battery level. There are 4 levels in total, each representing 25% of maximum charge. The LED will blink 1, 2, 3, or 4 times to express the level 25%, 50%, 75%, and 100%.

4. Warranty Information

Your FOXPRO® Fire Fly Scan Light is warranted to be free from defects in materials and workmanship that diminish its usefulness for a period of 3 years from the date of purchase if the item was purchased from a FOXPRO Authorized Retailer (the warranty does not cover the Li-Ion battery and battery charger which carry a 6 month warranty). Return the unit prepaid and packaged securely along with proof of purchase to FOXPRO. Include a note describing the defect or problem. This limited warranty is void if the unit is physically damaged, used in a manner contrary to intended use, or otherwise abused, either intentionally or unintentionally. Also specifically excluded are batteries and damage caused by attempts to charge batteries not intended to be recharged, and water damage.