HOGFADER.COM

INSTRUCTIONS

ILLUMINATOR & PLATINUM LIGHT W/ MOUNTING KIT

****PLEASE READ ALL INSTRUCTIONS BEFORE CONTACTING HOGFADER***

NOTE: You will need a new/healthy 12v feeder type battery (NOT INCLUDED).
(batteries can be purchased at any feed store, Tractor Supply, Wal-Mart, Amazon, etc.. for around $20)

Your HOGFADER light was created to provide an illuminated area where game is intended to feed. Whether hunting hogs at night or simply enjoying watching deer feed after dark in your own yard, your light will illuminate the area to see the game clearly. The light utilizes a high power LED, printed circuit board, motion sensor, two 5mm red LEDS and dark sensor enclosed in a weather resistant PVC case. The case is UV and impact resistant. The cases come in either GREEN or TAN. The illuminating high power LED is available in RED, GREEN or IR (infrared). REVERSE POLARITY PROTECTION is built into the circuitry. A LOW BATTERY SIGNAL will alert you to a low battery condition (below 11.5v+/-) by flashing the red leds 10 times rapidly immediately after fading down. If you see these 10 rapid blinks, you should check battery condition or recharge soon. However, you will be fine for the remainder of that night's hunt, so no worries.

HOW THE LIGHT FUNCTIONS:

When you initially connect your light to the plug, labeled 'LIGHT' in the bottom of the battery box, day or night, you will see the small red LEDs slowly blink 10 times, telling you that the light is connected to 12v, energized and waiting for dusk (nightfall). When mounting at night, the light will delay 60 seconds while the motion sensor stabilizes, and only then will the red leds illuminate, solid, in STANDBY mode (if no motion has been detected). During daylight hours, your light is in "DAY" mode and your light will not do anything. Once dusk arrives, the light enters "STANDBY" mode. The two red LEDs will illuminate and stay on at 25% brightness, letting you know that the light is energized and ready to be activated by motion. The high power LED will also be on **very dim**. You probably won't realize the light's main LED is on at all, unless it is facing you.

The dim standby light is intentional. This is part of HOGFADER's No-Spook technology. The light remains extremely dim until motion is detected, helping prevent game from becoming alarmed while greatly extending battery life.

When in "STANDBY" mode and you are waiting for game to trigger the motion sensor, you may notice a very faint glow (RED, GREEN or AMBER) in the area that the light is aimed, such as a bait spot. It is barely discernable.

Once motion is detected, the 'red alert' LEDs will blink 5 times, alerting you that motion has been detected and the main high power LED will slowly brighten over a period of 70 seconds. The light will stay at full brightness for two full minutes. After two minutes, the light will slowly fade to dim over 45 seconds and stay in "STANBY" mode until motion is sensed again. The IR version will be at 30% brightness in STANDBY mode. When motion is sensed, it will flash the 'red alert' LEDs five times and switch to full brightness and stay there for 5 full minutes, after which time it will go back to 30% brightness until motion is detected again. **No more having to constantly look through your IR scope to see if game has arrived**. RED, GREEN or IR, your light will automatically shut off all LEDs at dawn and will stay that way until darkness returns the next evening.

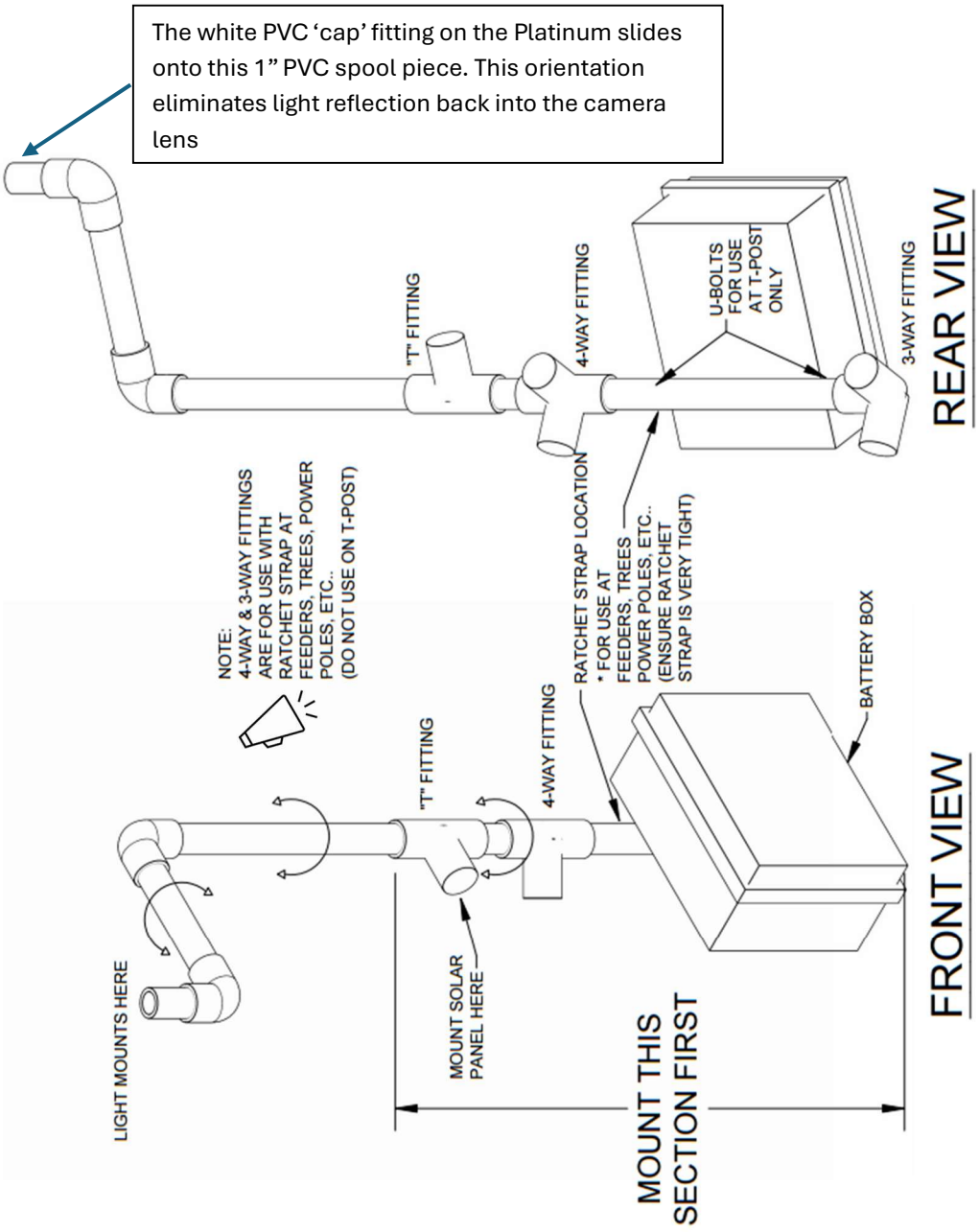
MOUNTING OPTIONS:

If you plan to have your light in a semi-permanent location, it is highly recommended to use our **"STANDARD"** mounting kit, which includes a solar charging system for your battery. **You will need a standard 12v feeder type battery (NOT INCLUDED).**

****The included PVC 'T' coupling should be used along with the two U-bolts when attaching to a T-post.**For a barrel or box feeder, a tree or a power pole, the 3-way PVC coupling should be pressed on the bottom of the PVC pipe attached to the back of the battery box and the 4-way should be attached on top of that same pipe. These pieces will keep the unit stable when ratchet strap is tightened.** For a temporary situation, you can simply connect your light to the battery using the included battery connection harness that came in the light box. Then you can mount, hang or prop the light in any position you require for any situation. Eyelets are built into the case for securing your light to just about anything using bungee cords, mason's cord, zip ties, chains etc...

If you want to test your light before the hunt: Simply cover the dark sensor on the side of the case with black electrical tape (a finger typically won't work), then connect the light to a 12v battery using the battery connection harness included in your light box. It will cycle through the 10 confirmation blinks, then delay 60 seconds, then the red leds will illuminate. When motion is sensed, it will cycle through the full fade up, hold 2 min, then fade down sequence. **The aluminum LED housing gets very hot, so let it cool for several minutes before handling.**

STORING YOUR LIGHT: Do not leave your light stored outside with the motion sensor/LED side facing up. The motion sensor opening in the case is not watertight and could allow rain/moisture to enter the case if laid face up. If not being used, for long term storage, it is best to store it in it's original box, indoors (house/shop/garage).



IMPORTANT

⚠️ **IMPORTANT – SOLAR CONTROLLER**

DO NOT PRESS ANY BUTTONS ON THE SOLAR CHARGE CONTROLLER.

The controller is preset before shipping and requires no adjustment by the customer.

Pressing the buttons may change the factory settings or disable power to the Illuminator, preventing the light from operating.

****CONNECT YOUR 12V BATTERY BEFORE PLUGGING IN SOLAR PANEL OR LIGHT****

The blue charge controller unit needs to read the voltage from your battery before the light and solar panel are plugged in to the battery box. Always verify that you are starting with a fully charged, healthy battery.

Step-by-step: Attach the PVC "T" on top of the battery box post **FIRST** (if not already installed). Attach the battery box to the supporting structure (tree, feeder, T-post, etc..) using the included ratchet strap or U-bolts. Tighten ratchet strap very securely. If attaching to a T post, use the included U-bolts (or hose clamps) to clamp the battery box's PVC pipe post securely to the T post. Use the 3 way and 4-way couplings instead of the PVC 'T' for mounting to barrel/box feeders, tree, power pole, etc.

Once the battery box is mounted securely, install your battery into the battery box and attach the two leads from the solar controller to the battery..... RED to RED.... BLACK to BLACK. Verify that the solar controller is displaying the voltage coming from the battery (start with a fully charged battery if possible). Simply, lay the solar controller on top of the battery. You can now close and latch the box.

Tip: When initially mounting the battery box (no battery installed yet), be sure to support the box carefully until the ratchet strap or U-bolts are tight and the unit is firmly secured against the item you are mounting to. Once secured properly, the kit will not move. Attach the solar panel PVC pipe to the PVC "T" or 4-way coupling. Attach the 10" lg PVC support pipe for the light to the top opening in the PVC "T" or 4-way coupling. Install the elbow, short, horizontal PVC pipe extension and final elbow/inner sleeve and light onto the PVC support pipe and adjust angles as needed. You should have adjustability in all axis. DO NOT USE THE SOLAR PANEL, BATTERY BOX OR LIGHT TO ADJUST ANGLE AND DIRECTION. ROTATE PIPES BY GRIPPING PIPES ONLY.

Verify that your battery is connected properly inside the battery box, then you can plug the light and solar panel into the bottom of the battery box in their specific ports (solar panel plugs into the "PANEL" port). Your light is now active and ready to go at dusk. Note: watch for the 10 slow blinks of the red alert leds on the case right after you plug in the light. If you do not see any blinks, check and verify all connections as well as battery voltage if needed.

IMPORTANT NOTES:

1. When installing at night, do not expect a BRIGHT light to suddenly come on when light is plugged into the LIGHT port on the battery box. You will only see the red alert LEDs blink 10 times, letting you know power is connected. You will need to wait for 60 seconds for the motion sensor to stabilize. This also allows ample time to plug in the light, then walk away before triggering the light. After that time, the small red alert LEDS should come on and the main LED will be very dim. You probably won't notice unless you stand in front of the light and actually look at the lens.
2. When you initially plug the light into the battery box, watch the red LEDs and verify that they blink several (10) times. This confirms that the light is connected properly, has power and is in either "DAY" or "STANDBY (night)" mode.
3. Remember that the LED light is very dim when in STANDBY mode and waiting for motion. This is not only part of the NO SPOOK design of the system, but also extends the life of both battery and LED. These high power LEDs can get very hot and keeping them at full brightness for extended periods can reduce the life of the LED.
4. Your light is weather resistant, not waterproof. It will be fine in all adverse weather conditions. However, please do not leave the light outside with the LED housing and motion sensor facing up. Moisture could find it's way into the housing in this situation. Your light is best mounted facing downward from 25 deg to 45 deg to straight down.
5. The light will sense motion up to 30'+ away, depending on animal size and extent of movement.
6. **CAUTION:** The light housing (heat sink) will be HOT after being bright for a few minutes, so please allow several minutes for it to cool before handling.

CONTACT US: If you have any questions or concerns regarding your light and mounting system, you can submit a 'contact' message on the website. You can also contact me at **jaustin@hogfader.com or text 832.818.4505.**

WARRANTY: Our light systems come with a 1 year warranty. Please keep your receipt for customer # reference. HOGFADER will diagnose, repair or replace any light that does not perform as advertised due to no fault of your own, free of charge. ***Warranty will be deemed null and void if the cover is removed from the light unit for any reason.***

Reference images











ILLUMINATOR-ESTIMATED BATTERY LIFE (no solar charging)

Estimated battery life when connected to 12v battery power 24/7, but not utilizing solar recharging:

Estimated hunting nights available without recharging battery based on estimated number of triggers (fade sequences) each night:

(based on unit being connected to a healthy, fully charged 7AH - 12V battery 24/7)

LED color	Estimated motion triggers per night	Ah used ea 24 hrs (amp hours)	Estimated hunting nights**
GREEN	5	0.795263889	**8.9**
GREEN	10	0.918527778	**7.7**
GREEN	15	1.041791667	**6.8**
GREEN	20	1.165055556	**6.1**
GREEN	30	1.411583333	**5**
GREEN	40	1.658111111	**4.3**
RED	5	0.778006944	**9**
RED	10	0.834013889	**8.4**
RED	15	0.990020833	**7.1**
RED	20	1.096027778	**6.4**
RED	30	1.308041667	**5.4**
RED	40	1.520055556	**4.7**
INFRARED	5	1.165083333	**6.1**
INFRARED	10	1.202166667	**5.9**
INFRARED	15	1.23925	**5.7**
INFRARED	20	1.276333333	**5.5**
INFRARED	30	1.3505	**5.2**
INFRARED	40	1.424666667	**5**

****Measured at a regulated 12.0 V DC supply. Actual battery life will vary with battery age, ambient temperature, and battery state of charge.**

PLATINUM-ESTIMATED BATTERY LIFE (no solar charging)

Estimated hours available when connected to 12V and not utilizing solar recharging:

Estimated hunting nights available without recharging battery based on estimated number of triggers (fade sequences) each night:

(based on unit being connected to a healthy, fully charged 7AH - 12V battery 24/7)

LED color	Est fade sequences	Ah used ea 24 hrs	Estimated hours ON
GREEN	5	3.995263889	**42**
GREEN	10	4.118527778	**40**
GREEN	15	4.241791667	**39**
GREEN	20	4.365055556	**38**
GREEN	30	4.611583333	**36**
GREEN	40	4.858111111	**34**
RED	5	3.978006944	**42**
RED	10	4.034013889	**41**
RED	15	4.190020833	**40**
RED	20	4.296027778	**39**
RED	30	4.508041667	**37**
RED	40	4.720055556	**35**
INFRARED	5	4.365083333	**38**
INFRARED	10	4.402166667	**38**
INFRARED	15	4.43925	**37**
INFRARED	20	4.476333333	**37**
INFRARED	30	4.5505	**36**
INFRARED	40	4.624666667	**36**

****Measured at a regulated 12.0 V DC supply. Actual battery life will vary with battery age, ambient temperature, and battery state of charge.**

REVIEWS: You may receive an invitation, via email, to review your ILLUMINATOR or PLATINUM light after approx. 30 days of purchase. Any and all feedback really helps me improve the product and service. I do ask that you contact me with any concerns or issues with your light before leaving your review. This will give me the opportunity to diagnose, repair or replace your unit first. Also, I would very much appreciate any photos or videos you may capture of your light mounted as well as activity under your light at night. I plan to add a link on the website for uploading files, otherwise you are welcome to email them directly to me at jaustin@hogfader.com

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PLATINUM LIGHT W/ WIFI CAMERA

CONNECTING YOUR 'PLATINUM' TO YOUR PHONE

Your PLATINUM unit is the same light as our original ILLUMINATOR, but has an added built-in wifi camera that will send viewable and downloadable streaming video and photos to your phone via a wifi network that is 100% standalone. It is designed to be used by a hunter while 'on property' and observing feeder activity from the hunting stand/blind. **There are no INTERNET, CELLULAR or SUBSCRIPTION service(s) required. The unit will connect to a phone up to 200 yards away with a relatively clear line of sight.**

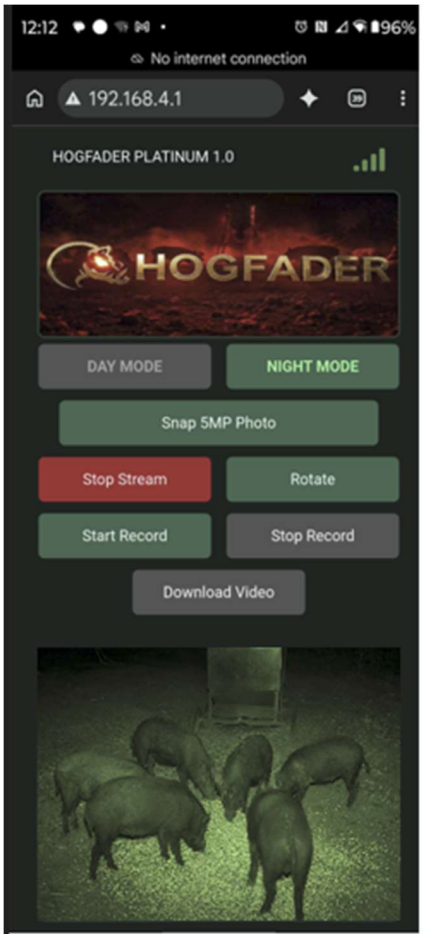
How do I connect my phone to my PLATINUM?

1. Mount your light using our standard mounting kit. (do not plug in solar panel or light yet)
2. Install your battery in the battery box and connect the two power leads to the battery.
3. You should see the voltage read from the battery displayed on the LCD screen on the solar controller provided inside the battery box.
4. You can now plug in your solar panel and light to the ports in the bottom of the battery box.
5. Make sure wifi is turned ON on your phone and 'mobile data' is turned OFF if applicable.
6. In your wifi network settings, search for the Hogfader network (being broadcast from your PLATINUM light) in the list of found networks. It will be "HOGFADER_XXX" (XXX will be a 3-digit number). Select it to connect to the network. Password is 12345678. After it connects, you may a message that says 'no internet available', which is expected and should be ignored as this is NOT internet. It is wifi only.
7. Once successfully connected to the network, open your browser (CHROME, EDGE, etc…) and enter the following URL: 192.168.4.1 in the address bar, or scan the QR code (next page) with your phone's camera. It will take you straight to the app and it should appear on your screen.

(cont'd)

SCAN THIS QR CODE WITH YOUR PHONE'S CAMERA

8. You should see the HOGFADER PLATINUM app appear on your phone's screen:



Using the app:

- Remove the camera lens cover when in use
- Snap 5MP Photo (long press resulting image to save to phone)
- Start/Stop Stream (video) for viewing LIVE action at feeder
- Start/Stop Record (video) 'Download Video' button will save to your phone
- 'Long press' the photo image to download
- Use the 'Download Video' button for saving videos after recording.
- Select 'DAY MODE' during the day and 'NIGHT MODE' at night. This adjusts the camera foe proper exposure.
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You will be able to share images and videos with friends, family and social media directly from your blind!

VERY IMPORTANT

Do not leave the unit plugged in to the battery box 24/7. The PLATINUM is designed to be powered on only when in use, day or night and not 24/7 (days at a time). Unplugging from the box when not in use will not only conserve substantial battery capacity, but will also increase the life of the camera and wifi module as they generate heat when powered on. So remember to simply unplug it when not in use (12+/- hours). This is not necessary with our ILLUMINATOR feeder light.

ANTENNA POSITIONING:

Make sure your antenna is oriented as the picture at right Indicates as it relates to the case. This is critical to minimize false motion triggering by RF interference. Most lights will be tilted downward at approx. 45 degrees so antenna should be near vertical for best wifi range/reception.



Thank you for purchasing a HOGFADER *feeder light system* !

John Austin – owner HOGFADER

If you experience any issues at all with your light, please text or call me at 832.818.4505 and I will find a solution. Thx again!!