#### Hot Dot Plus PN 86002 - Premium Bow Sight - Instructions - Page 1

# **Basic Controls**

- A. Battery Compartment (Phillip's Head)
- **B.** Vertical Adjustment Bolt (5/32" hex)
- **C.** Horizontal Adjustment Bolt (5/32" hex)
- D. Housing Bolts (7/64" hex)
- E. Pendulum (-) Button
- F. Fixed Pin (+) Button
- G. Power Button / Setup when pressed together.





#### **Fixed Pin** Hunting

# Mode

Pendulum Hunting Mode



Powering Off



# Bow Attachment

Your Hot Dot is pre-assembled at the factory for mounting on a Right Handed Bow Riser.

- To convert to a Left Handed Bow Riser:
- $\neg$  Remove the two Housing Bolts shown above Figure D (7/64" hex).
- Flip the Riser Assembly over.
- $\neg$  Bolt the Assembly to the left side of the bow sight do not over tighten.

# 🚯 Using Your Sight

**Power on** - Press and release both the Pend (-) and Fix (+). The sight will power on in whatever mode (Pendulum or Fixed Pin) that you were using last.



The sight will store your settings indefinitely - even if the batteries are removed or if they go dead.

Fixed Pin Hunting Mode - To enter Fixed Pin Hunting Mode at any time Press and Hold the Fix (+) button for 3 seconds. The LEDs will initially go blank and reappear when you have successfully entered Fixed Pin Huntina Mode.

**Pendulum Hunting Mode** - To enter Pendulum Hunting Mode at any time Press and Hold the Pend (-) button for 3 seconds. The LEDs will initially go blank and reappear when you have successfully entered Pendulum Hunting Mode.

**Power Off** - Press and release both buttons at the same time. You should see three falling LED's to indicate the sight is powering off. You can ONLY power the sight OFF from either Hunting Mode.



Your bow sight has a low battery indicator built in. When the batteries are too low to continue full operation of the sight - the ground 30 yard pendulum pin will flash every 2 seconds until the batteries are replaced.

# 🚯 🛯 Using Your Sight

When pressing the (+) or (-) buttons to adjust the Brightness or to make changes in Setup Mode hold the button down for at least one second before releasing it. Pressing the (+) or (-) buttons too quickly may result in inconsistent results.

#### Pendulum Speed Adjustment



#### **Adjusting LED Brightness**

Your sight has 5 different brightness settings. These settings can only be adjusted when you are in Hunting Mode. The sight has one brightness setting for both Pendulum and Fixed Pin modes.

 $\neg$  First, power the sight on by pressing and releasing both buttons.

- Next, from either Pendulum Hunting or Fixed Pin Hunting mode press and release the (+) button to increase or the (-) to decrease the brightness. From the dimmest setting there are 5 increasing levels of brightness.



#### Siahtina In

Sighting in consists of two steps. 1st - Setup at ground level and 2nd -Adjust speed from an elevated position.

Power the sight on and Press / Hold the Pend (-) button for 3 sec. to enter Pendulum Hunting Mode. Notice that you now have a single LED lit and that tilting the sight forward and backward makes the LED move.

 $\neg$  First, sight the bow in at ground level - 30 yards from your target. Use the Horizontal and Vertical Adjustment Bolts (5/32" hex) to make these adiustments.

 $\neg$  Next, from a secure, elevated position (10-30 feet high) shoot at a target 10 yards away. If your sight needs adjustment, proceed to the Pendulum Speed Adjustment steps.

### Pendulum Mode (cont).

#### **Pendulum Speed Adjustment**

Depending on your specific bow setup, arrow weight, and other factors your sight may need to be adjusted for bow speed.

From Pendulum Hunting Mode, Press and Hold both Pend (-) and Fix (+) buttons for 3 seconds. The LEDs will initially go blank and reappear when you have successfully entered Setup Mode.

 $\neg$  The number of LEDs shown indicate the current speed setting that the sight is set on.

- 2 LEDs Slow Mode
- 3 LEDs Medium Mode
- 4 LEDs Fast Mode (default)
- 5 LEDs Faster Mode
- 6 LEDs Fastest mode



 $\neg$  Press the (+) or (-) button to change settings up or down.  $\neg$  Press and Hold the Pend (-) button for 3 seconds at any time to exit to Pendulum Hunting Mode.

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## **Fixed Pin Setup Mode**

#### **Entering Setup Mode**

Power the sight on then Press / Hold the Fix (+) button for 3 sec. to enter Fixed Pin Hunting Mode. Once in Hunting Mode, Press and Hold both the Pend (-) and Fix (+) buttons for 3 seconds to enter setup mode. The LEDs ( will initially ao blank and reappear when you have successfully entered Setup Mode.

 $\neg$  As setup from the factory the three pins that light up are 20, 30 and 40 yard pins. These might need to be adjusted depending on your bow speed.

Fixed Pin Setup Mode - 1st Pin Flashes

We recommend sighting in with Pendulum mode first - using mechanical adjustments. All fixed pin changes can then be made in the sight following the steps below. You will then be able to swap between modes without physically moving the sight.

#### **Fixed Pin Setup**

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When you have successfully entered Fixed Pin Setup Mode:

- The 1st fixed pin will begin to blink all other pins will remain steady.
- $\neg$  To adjust pin placement press (+) or (-) to move the pin up or down in the sight window.

 $\neg$  When you are done adjusting the 1st pin, Press and Hold both buttons for 3 seconds. The 2nd pin will begin to blink - all other pins will remain steady. You should not have to change this pin if you sighted in your bow in Pendulum Mode. Repeat for the 3rd pin.

To exit Setup Mode at any time, press and

hold the Fix (+) button for 3 seconds.

The 1st pin will always blink when you

**Moving Your Pin** - Press (-) to move up or (+) to move down.



Pin will be at bottom off screen - Press (-) to bring it up one position.

enter setup mode.

#### Adding Additional Pins (up to 6)

Your sight is setup with 3 lit pins from the factory. To turn on additional pins, first enter Fixed Pin Setup Mode (see above).

- $\neg$  The 1st fixed pin will blink, all others will remain steady.
- $\neg$  Press and Hold both buttons for 3 seconds to move to the 2nd pin. The second pin will begin to blink - all others will remain steady.
- $\neg$  Press and Hold both buttons for 3 seconds to move to the 3rd pin. The third pin will begin to blink - all others will remain steady.

 $\neg$  Press and Hold both buttons for 3 seconds to move to the 4th pin. By default, the 4th pin will be at the bottom of the sight and blank. Press (-) once and the pin should become visible at the bottom of the sight. You can continue to adjust the pins position using (-) or (-).

 $\neg$  If more pins are desired, Press and Hold both buttons for 3 seconds to move to the 5th pin. Use the steps above to move the pin to the desired position. A maximum of 6 pins can be setup at one time.



# Fixed Pin Setup (cont.)

#### **Removing Pins**

- First, enter Fixed Pin Setup mode.

 $\neg$  Press and Hold both buttons until the desired pin is blinking.

 $\neg$  Press (-) or (-) until that pin has moved to either the top or bottom of the sight window. The last button press in either direction will cause the pin to disappear. It is now turned off. Once you are done, Press and Hold Fix (-) to exit Setup mode.

When the LED is at

the very top of the

window, Press (-)

once more to turn it

off.



#### **Adjusting The Tilt Window**

In addition to the mechanical level - your bow sight is configured from the factory with an electronic +/-30 degree Tilt Window. Any movement beyond +/-30 degrees side to side will cause the LED display to turn off. This is a power saving feature. This feature cannot be turned off.

To change the Tilt Window to a TIGHTER 6 degree window:

 $\neg$  Press and Hold the Pend (-) button to enter Pendulum Hunting Mode (if you are not already in that mode).

 $\neg$  Press and Hold both buttons to enter Pendulum Setup Mode.

Holding down both  $\neg$  Press and Hold both buttons a second time. After about 3 seconds you should see three widely spaced steady LEDs. This is an indicator that you than 3 seconds from are entering an advanced feature mode. Continue to hold both buttons for either setup mode approximately 6 more seconds. The three LEDs should disappear and you display 3 solid LEDs should be back in Pendulum Setup Mode. The bow sight will now turn off after only +/-6 degrees of tilt.

- Repeat steps to put the sight back to the wider Tilt Window.

#### **Reset to Default Settings**

**CAUTION:** Resetting the bow sight will result in ALL saved settings defaulting to the factory pre-sets. If at any time you see the three widely spaced LEDs in fixed pin setup mode and you are NOT ready to reset, release both buttons.

Press and hold the Fix (+) button for 3 seconds to enter Fixed Pin Hunting Mode. Press and hold both buttons for 3 seconds to enter Setup Mode.  $\neg$  The top pin should now be blinking. Press and Hold both buttons again.  $\neg$  After about 3 seconds you should see three widely spaced steady LEDs. Continue to hold both buttons for approximately 6 more seconds. All three LEDs will turn off and the sight will be in Pendulum Mode again (the default settina).



buttons for longer

and the sight will







The sight will store your settings indefinitely - even if the batteries are removed or if they go dead.

 $\neg$  Remove the small Phillip's head screw covering the battery compartment. Remove battery compartment door. - Replace with two AAA NON RECHARGEABLE batteries.

- Replace battery compartment door and Phillip's head screw - do not overtighten.



 $\neg$  Remove the two lens retainer screws (Phillip's Head). Remove the lens retainer.

 $\neg$  Pull the lens up off of the alignment peg and out of the housing.  $\neg$  Insert a new lens (sold separately) into the slot. Use caution to avoid scratching the lens. Align the bottom of the lens with the padded slot in the bottom of the sight housing.

 $\neg$  Push the pin down over the alignment peg and into the sight housina.

 $\neg$  Replace retainer cap and screws - do not overtighten.



Summit Treestands LLC warrants to the original retail purchaser that this product is free from defects in material and manufacture for twelve (12) months from time of purchase. This warranty does not apply to the clear lens assembly. This warranty does not apply to any product which has been subjected to misuse, misapplication, neglect, improper installation or modification. Removal of the internal electronic assembly will void this warranty. Summit Treestands will not guarantee the accuracy of the sight if the board has been removed.

Please contact us at www.summitshotdot.com for any warranty repair auestions.

Summit Treestands recommends this sight be installed at an experienced Pro Shop. Please see your dealer if you have any auestions on how to install this sight or adjust settings on your bow. We reserve the right to make changes or improvements to this product, without notice, at any time. When installing and sighting in this sight, make sure no part of the arrow comes into contact with any part of the housing or riser brackets.