

INSTALLATION & SIGHT IN  
INSTRUCTIONS FOR OPTIMIZER LITE ADJUSTABLE BOW SIGHT

CAREFULLY READ THE FOLLOWING INSTRUCTIONS COMPLETELY BEFORE MOUNTING OR SIGHTING IN YOUR BOW!

Mounting the sight on your bow:

1. Using the two 10-24 cap screws, mount the sight to your bow riser. Choose the two mounting holes that best fit your riser and shooting style.
2. Lower the adjusting bar to place the slide in the in the HIGHEST POSSIBLE POSITION. Mount the sighting aperture (scope) in the highest set of holes that allows you to sight in at 20 yards. Start at the highest set of holes and move down one hole at a time if necessary. This is extremely important in order to obtain the maximum amount of arrow clearance under the scope and to achieve the maximum vertical potential of your bow.

Sighting in:

1. WINDAGE (left and right) adjustment
  - a. At close range, shoot several arrows to determine the direction of adjustment required.
  - b. If your arrows group to the LEFT of the target:
    1. Loosen the lock knob (rotate counter clockwise).
    2. Rotate the clicker knob clockwise for RIGHT HANDED bow.  
Rotate the clicker knob counter clockwise for LEFT HANDED bow.
  - c. If your arrows group to the RIGHT of the target
    1. Loosen the lock knob and rotate counter clockwise.
    2. Rotate the clicker knob counter clockwise for RIGHT HANDED bow.  
Rotate the clicker knob clockwise for LEFT HANDED bow.
  - d. One click equals 1/8 inch at 20 yards.
  - e. Always relock the lock knob when shooting (rotate clockwise).

ELEVATION ADJUSTMENT ( Selecting the correct yardage tape)

Your Optimizer Lite comes complete with 43 different computer designed yardage tapes. They are numbered on the top from 16 (extremely fast bow) to 58 (moderately slow bow) and are accurate at all ranges (20-60 yards) within ½ inch.

THE PREFERRED MOST ACCURATE system for choosing the correct yardage tape is by sighting in at 20 yards and 60 yards. If you are able to sight in at 20 and 60 yards, use the instructions on the back side of this page. If you are UNABLE to sight in at 20 and 60 yards, use the optional 20/40 yard system shown on the yellow instruction sheet.

## SELECTING A YARDAGE TAPE USING 20 YARD AND 60 YARD SETTINGS

1. In order to select the proper tape you must have a safe range with a measured 20 yards and a measured 60 yards.
2. Apply one of the enclosed 0-65 Set-Up tapes, centering it on the sight fan. Extras are included in the kit. The numbers 0-65 are NOT yardage markers. They are merely a means of measuring and selecting the proper tape.
3. Sight in your bow at 20 yards. Move the sight pin up and down by moving the adjusting bar up or down.
4. Once you have an extremely accurate sight in at 20 yards, mark and make note of the number on the sight in tape nearest the indicator needle. Example (Number 12)
5. Move out to a measured 60 yards. Adjust the sighting aperture downward by moving the adjusting bar upward until you have achieved an accurate sighting at 60 yards. Caution: The accuracy of the entire shooting system depends on an extremely accurate sighting at both 20 and 60 yards.
6. Once you have an extremely accurate sight in at 60 yards, mark and make note of the number on the sight tape nearest the indicator. Example (number 52) Lock the needle in place at 60 yards by rotating the knurled lock knob located on the adjustment bar.
7. Subtract the 20 yard setting (small number, example 12) from the 60 yard setting (large number, example 52). Example:  $52-12=40$ .
8. The yardage tapes are numbered from 16 to 58. Select the tape that matches the number between your 60 yard setting (large number) and your 20 yard setting (small number) Example:  $52-12=40$ .  
BIG NUMBER MINUS LITTLE NUMBER EQUALS CORRECT TAPE NUMBER.
9. Remove the sight in tape from the fan. Carefully remove the correct tape from the booklet and trim the excess unprinted material from the tape using a sharp scissors. Locate the color coded yardage tape by placing the 60 yard marker (hot pink) directly under the needle that you have locked in at 60 yards. Carefully roll the tape in both directions. The 20 yard (hot green) marker will fall exactly where you marked your 20 yard setting on the 0-65 tape. All the yardages between 20 and 60 yards are now in place.
10. Assure that all your yardages are correct. Remove one of the Mylar clear decals from the set up kit and overlay the yardage tape. This will prevent the ends of the yardage tape from becoming loose and seal it against moisture.