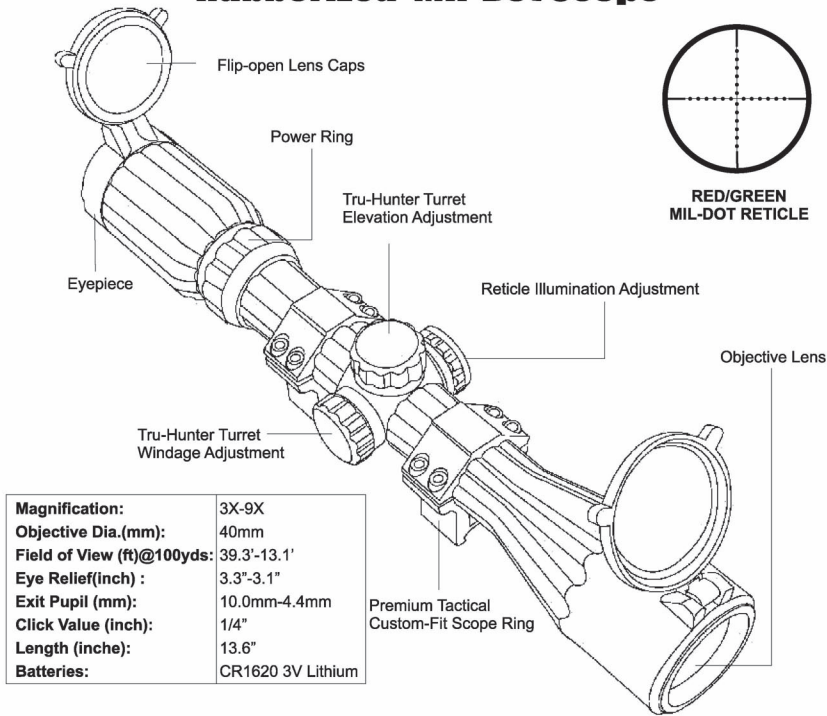


Reticle Intensified 3-9X40 Rubberized Mil-Dot Scope



Magnification:	3X-9X
Objective Dia.(mm):	40mm
Field of View (ft)@100yds:	39.3"-13.1"
Eye Relief(Inch) :	3.3"-3.1"
Exit Pupil (mm):	10.0mm-4.4mm
Click Value (Inch):	1/4"
Length (Inch):	13.6"
Batteries:	CR1620 3V Lithium

Major Features:

- TS Platform and SSS Structure for Maximum Durability**
 - Built on most durable platform to deliver the most accurate, responsive, and reliable performance.
- Rugged Construction for All Terrains/Weather**
 - Precision machined to exact tolerances with stealthy rubber coating.
 - Completely sealed and nitrogen filled to stop moisture ingress.
 - Perfect for all terrains and all weather conditions.
- Sealed and Brass Based Windage/Elevation Housing with Tru-Hunter Turrets**
 - Windage and elevation housing features machine plate controlled seals to eliminate risk of water ingress and fogging.
 - Tru-Hunter brass-based turrets with easy to grip rings, making adjustments simple even whilst wearing gloves.
 - Positive and precise 1/4 MOA for accurate and consistent shooting.
- Ergonomic Side Wheel Red/Green Dual Illumination**
 - Provide most defined and friendly brightness adjustments.
 - Adjustable intensity of the illuminated reticle to deliver optimum reticle clarity in variable light conditions, increasing accuracy in daylight and twilight environments.
- Wide Field of View with Tactical Mil-Dot Reticle**
 - Wide field of view and edge to edge lens clarity allow for fast target acquisition under extreme conditions.
 - The precise tactical mil-dot reticle allows the shooter to estimate ranges and enhance accuracy.
- Multi Layer Lens Coating for Optimum Light Transmission**
 - Unique high tech coating applied to lens elements ensures much better light transmission to optimize optical performance.
 - Multi layer coatings ensure maximum utilization of all ambient light to optimize resolution and clarity.
- High Quality Precision Machined Parts**
 - Guarantees smooth and accurate operation and delivers consistent and reliable performance.

- Excellent Quality Flip-open Lens Covers and Custom Rings**
 - New generation military style all black flip-open lens covers deliver great functionality and coolest look.
 - New generation custom fitted rings allow optimum clearance for most popular rifles.

Range Estimating

- The Mil-Dot reticle was developed in the late 1970s to aid shooters estimate distances when shooting and has now become standard issue across many branches of the military.
- 1 mil in a scope reticle is the distance from the center of one dot to the center of the next dot.
- Set the magnification of scope at 9X. View the target through the scope and place the center of the dot against one edge of the target and measure to the opposite edge of the target.
- Once the target has been measured in mils, use the formula below to estimate the distance of the target:

$$\frac{\text{High or Width of Target in Meters X900}}{\text{High or Width of Target in Mils.}} = \text{Range in Meters}(1\text{M}=1.0936\text{Yds})$$

- For accurate range estimating the size of the target must be known.
- Below is a range estimate chart for reference:

		Range in Meters (1M=1.0936 Yards)															
		9	12	16	18	20	22	24	28	32	36	60	66	69	72		
Target Size	Inches	0.229	0.305	0.406	0.457	0.508	0.559	0.610	0.711	0.813	0.914	1.524	1.676	1.753	1.829		
Reticle Measurements (in mils)	0.75	274.8	366.0	487.2	548.4	609.6	670.8	732.0	853.2	975.6	1096.8	1828.8	2011.2	2103.6	2194.8		
	1.00	206.1	274.5	365.4	411.3	457.2	503.1	549.0	639.9	731.7	822.6	1371.6	1508.4	1577.7	1646.1		
	1.25	164.9	219.6	292.3	329.0	365.8	402.5	439.2	511.9	585.4	658.1	1097.3	1206.7	1262.2	1316.9		
	1.50	137.4	183.0	243.6	274.2	304.8	335.4	366.0	426.6	487.8	548.4	914.4	1005.6	1051.8	1097.4		
	1.75	117.8	156.9	208.8	235.0	261.3	287.5	313.7	365.7	418.1	470.1	783.8	861.9	901.5	940.6		
	2.00	103.1	137.3	182.7	205.7	228.6	251.6	274.5	320.0	365.9	411.3	685.8	754.2	788.9	823.1		
	2.25	91.6	122.0	162.4	182.8	203.2	223.6	244.0	284.4	325.2	365.6	609.6	670.4	701.2	731.6		
	2.50	82.4	109.8	146.2	164.5	182.9	201.2	219.6	256.0	292.7	329.0	548.6	603.4	631.1	658.4		
	2.75	74.9	99.8	132.9	149.6	166.3	182.9	199.6	232.7	266.1	299.1	498.8	548.5	573.7	598.6		
	3.00	68.7	91.5	121.8	137.1	152.4	167.7	183.0	213.3	243.9	274.2	457.2	502.8	525.9	548.7		
	3.25	63.4	84.5	112.4	126.6	140.7	154.8	168.9	196.9	225.1	253.1	422.0	464.1	485.4	506.5		
	3.50	58.9	78.4	104.4	117.5	130.6	143.7	156.9	182.8	209.1	235.0	391.9	431.0	450.8	470.3		
	3.75	55.0	73.2	97.4	109.7	121.9	134.2	146.4	170.6	195.1	219.4	365.8	402.2	420.7	439.0		
	4.00	51.5	68.6	91.4	102.8	114.3	125.8	137.3	160.0	182.9	205.7	342.9	377.1	394.4	411.5		
	4.25	48.5	64.6	86.0	96.8	107.6	118.4	129.2	150.6	172.2	193.6	322.7	354.9	371.2	387.3		
	4.50	45.8	61.0	81.2	91.4	101.6	111.8	122.0	142.2	162.6	182.8	304.8	335.2	350.6	365.8		
4.75	43.4	57.8	76.9	86.6	96.3	105.9	115.6	134.7	154.0	173.2	288.8	317.6	332.1	346.5			
5.00	41.2	54.9	73.1	82.3	91.4	100.6	109.8	128.0	146.3	164.5	274.3	301.7	315.5	329.2			
5.25	39.3	52.3	69.6	78.3	87.1	95.8	104.6	121.9	139.4	156.7	261.3	287.3	300.5	313.5			
5.50	37.5	49.9	66.4	74.8	83.1	91.5	99.8	116.3	133.0	149.6	249.4	274.3	286.9	299.3			
5.75	35.8	47.7	63.5	71.5	79.5	87.5	95.5	111.3	127.3	143.1	238.5	262.3	274.4	286.3			
6.00	34.4	45.8	60.9	68.6	76.2	83.9	91.5	106.7	122.0	137.1	228.6	251.4	263.0	274.4			
6.25	33.0	43.9	58.5	65.8	73.2	80.5	87.8	102.4	117.1	131.6	219.5	241.3	252.4	263.4			
6.50	31.7	42.2	56.2	63.3	70.3	77.4	84.5	98.4	112.6	126.6	211.0	232.1	242.7	253.2			
6.75	30.5	40.7	54.1	60.9	67.7	74.5	81.3	94.8	108.4	121.9	203.2	223.5	233.7	243.9			
7.00	29.4	39.2	52.2	58.8	65.3	71.9	78.4	91.4	104.5	117.5	195.9	215.5	225.4	235.2			
8.00	25.8	34.3	45.7	51.4	57.2	62.9	68.6	80.0	91.5	102.8	171.5	188.6	197.2	205.8			
9.00	22.9	30.5	40.6	45.7	50.8	55.9	61.0	71.1	81.3	91.4	152.4	167.6	175.3	182.9			
10.00	20.6	27.5	36.5	41.1	45.7	50.3	54.9	64.0	73.2	82.3	137.2	150.8	157.8	164.6			
11.00	18.7	25.0	33.2	37.4	41.6	45.7	49.9	58.2	66.5	74.8	124.7	137.1	143.4	149.6			
12.00	17.2	22.9	30.5	34.3	38.1	41.9	45.8	53.3	61.0	68.6	114.3	125.7	131.5	137.2			
13.00	15.9	21.1	28.1	31.6	35.2	38.7	42.2	49.2	56.3	63.3	105.5	116.0	121.4	126.6			
14.00	14.7	19.6	26.1	29.4	32.7	35.9	39.2	45.7	52.3	58.8	98.0	107.7	112.7	117.6			

32 inch actual size (0.813M) target, measured w/2 mils. = 365.9 meters away, about 400 yards.
(1 meter = 1.0936 yards).

A. Focusing - Adjusting the Diopter:

Individuals have different diopter requirements. Thus, it is necessary to adjust the diopter of the eyepiece before use. To adjust the diopter:

- Look through the eyepiece at a featureless, flat and bright area, such as a wall or open sky.
- If the reticle image is not sharply defined, turn the eyepiece adjustment ring (in either direction) to adjust the image.
- Repeat the steps until you are satisfied with the sharpness of the image.



CAUTION: Viewing the sun can cause serious eye injury. Never look directly into the sun with this or any other scope.

B. Mounting the Scope:

CAUTION: Always ensure your rifle is UNLOADED, UNCOCKED and, where fitted, the safety catch is applied before fitting the scope. Practice safe handling procedures at all times.

1. Custom-fit rings (Airgun/.22 rings or Picatinny/Weaver rings) are included with the scope. To mount the scope, disassemble the ring halves first.
2. Fit the ring bases to the mount rail of the rifle.
3. Remove the top piece of the ring and place the scope on the exposed fitted ring bases. Replace the top piece of the ring and finger tighten.
4. Put the rifle to your shoulder in your natural shooting position and adjust the scopes eye relief until you achieve a full field of view.
5. When you have found the ideal eye relief rotate the scope so the reticle cross hairs are vertical and perpendicular to the rifle.
6. Tighten the screws on the ring to ensure a firm grip on the scope.
WARNING: Do not over tighten the screws as you could cause damage to the scope body.
7. The scope is now ready to be zeroed.



C. Zeroing the Scope:

The purpose of zeroing the scope is to ensure that the scope is aligned with the impact point of the pellet or bullet from the rifle.

1. Place a target 100 yards away. (35 yards for airgun scopes)
2. Ideally use a steadying device such as a bipod or shooting stand, set the scope at the highest magnification, aim at the center of the target and fire a test shot, if safe to do so.
3. If the impact point of the pellet or bullet is exactly in the center of the target then the scope is zeroed. If it is not, you will need to adjust the reticle using the elevation and / or windage adjusters as follows:
 - 1) Vertical Adjustment (Elevation) - Unscrew the protective cover on the top of the scope. Use your fingers to turn the adjusting knob as required. One click in either direction equals approximately 1/4 inch at 100 yards. Re-attach and tighten the protective cover.
 - 2) Horizontal Adjustment (Windage) - Unscrew the protective cover on the right side of the scope. Use your fingers to rotate the adjusting knob as required. One click in either direction equals approximately 1/4 inch at 100 yards. Re-attach and tighten the protective cover.
4. Having adjusted the windage and elevation as required, fire, if safe to do so, another test shot. Keep adjusting and test firing until the test shot impacts on the center of the target when the reticle is on the center of the target. This can seem a tedious process but is vital for accurate shooting.



Note: Each click of adjustment moves the impact point by the amount shown in the table below:

Inches of Movement per Click in Windage/Elevation Models with 1/4 in. Per Click @ 100 Yards				
25 yds	35 yds	50 yds	100 yds	200 yds
1/16	7/80	1/8	1/4	1/2

Note: Since climatic conditions such as altitude, temperature, wind and rain can affect the pellets or bullets trajectory, you may experience some deviation in the exact settings during different shooting sessions.

D. Reticle Illumination Adjustment:

Turn the illumination adjustment control to adjust the intensity of illumination. The battery (included with the scope) is coin style lithium battery (CR1620 3V). When replacing battery, insert it with the positive (+) side uppermost in the battery compartment.



Illumination Adjustment Rheostat

E. Care and Maintenance:

1. Take care not to drop or knock the scope once it is zeroed.
2. Keep the protective lens covers in place when the scope is not being used.
3. Maintain the surface of the scope by removing any dirt or sand with a soft brush.
4. Wipe the lens with a clean flannel cloth to keep it clean and dry. In order to avoid scratching the glass, ensure both the lens and cloth are clean.
5. Store the scope in a cool dry place when not in use. Be careful to avoid contact with acid, alkaline or corrosive chemicals.
6. Do not attempt to lubricate any part of the scope.
7. Do not disassemble the scope. Do not loosen or remove screws or parts. Any such or similar actions will void the warranty.

F. Limited Lifetime Manufacturer's Warranty

Please browse warranty information on www.leapers.com.

Warranty against material or workmanship defects applies based on the following conditions -

- Scope was purchased new. Evidence of purchase is required for warranty service.
- Scope was not disassembled, parts / screws not removed or loosened, and the scope was not tampered with in any way. Any evidence of such interference will void the warranty.
- Scope has not been abused, maliciously damaged or treated in a manner not in keeping with the purpose it was designed for.

For Warranty service, please contact the scope distributor and provide a written problem description to obtain a Return Authorization Number before returning the product for repair or replacement.