

KILO® MICRO™ 4 x 18 mm Specifications	
Magnification	4x
Objective Clear Aperture	18 mm
Exit Pupil	4.5 mm
Eye Relief	18.5 mm
Angular FOV	9.6 degrees
Laser Divergence	2.0 x 0.5 MRAD
Range Response Time	0.14 sec for ranges less than 220 yards 0.33 sec for ranges longer than 220 yards
Range Resolution under 100 yds	0.1 yards
Range on Reflective Targets	1000 yards
Range on Trees	800 yards
Range on Deer	500 yards
Weight	3.5 ounces



SIG SAUER® Infinite Guarantee™

SIG SAUER® has a history of quality and reliability that dates back more than 250 years. We understand the importance of true dependability whether it be in the line of duty, at the shooting range or on your next hunt and we continually strive to deliver products that meet and exceed the expectations of even the most demanding customers. That's why SIG SAUER is proud to offer our

INFINITE GUARANTEE* on all our firearms, optics, and suppressors.

Our promise: We warrant that your new SIG SAUER firearm, optic, or suppressor was originally manufactured free of defects in material, workmanship, electrical, optical, and mechanical function. We will repair your SIG SAUER product in the event it becomes damaged or is defective in any way, at no charge to you. If we cannot repair your product, we will replace it or, if we cannot replace it, we will provide you with a replacement of equal value. All with no questions asked, forever.

SIG SAUER Infinite Guarantee

- Fully Transferable
- No Warranty Card Required
- No Receipt Required
- No Time Limit Applies
- No Charge

Customers seeking warranty coverage must first obtain a Return Merchandise Authorization (RMA) by contacting SIG SAUER Customer Service and return the product unloaded and freight prepaid.

ANY WARRANTIES IMPLIED BY LAW, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE

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This warranty applies to commercial customers only and does not apply to government, non-commercial, or non-US customers. Non-US COMMERCIAL CUSTOMERS MUST PURCHASE PRODUCT THROUGH AN AUTHORIZED SIG SAUER DEALER WITHIN THEIR COUNTRY OF RESIDENCE FOR THIS WARRANTY TO APPLY.

SAFETY AND OPERATING PROCEDURES:



WARNING LASER



Your KILO Micro is classified as a Class 1 product Consumer laser product which is in compliance with IEC 60825-1:2014/ EN 60825-1:2021+A11:2021/ EN50689: 2021

- Do not press the RANGE button while aiming at the human eye or while looking into the transmitting optics on the objective side.
- Do not leave your rangefinder within the reach of small children.
- Do not take the product apart or modify the product in any way to expose internal electronics that might cause damage or electric shock.



WARNING



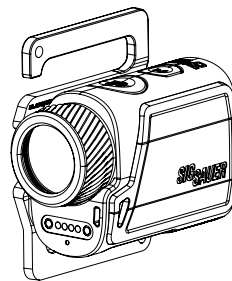
MAGNET SAFETY WARNING

Never use the rangefinder near a medical device. A minimum distance of 12 inches between the product and any medical device should be observed. The magnetic field from the QDI clip can cause an implant device to malfunction, potentially leading to a life-threatening situation. The QDI clip should never be used by or near anyone with an implant device, pacemaker, or similar electronic medical device. If users have a pacemaker or similar medical device, they should consult their physician and the manufacturer of their medical device before using the rangefinder.



WARNING: CANCER AND REPRODUCTIVE HARM—www.P65warnings.ca.gov

NOTICE: EXPORT RESTRICTIONS MAY APPLY – THIS PRODUCT MAY BE CONTROLLED EITHER BY THE ITAR OR EAR.



ELECTRO-OPTICS

KILO® MICRO™

4 x 18 mm LASER RANGEFINDER with Dual Color Transparent Organic Light Emitting Diode display and Onboard Ballistic Calculator with 8 Ballistic Groups and Archery Mode.

OWNER'S MANUAL



Please visit sigsauer.com for Operator's Manual downloads.

INTRODUCTION:

Congratulations on your purchase of your SIG SAUER KILO Micro Laser Rangefinder. The KILO Micro is the smallest rangefinder on the market, developed primarily for hunters seeking the most compact, lightweight, and accurate rangefinder in the world. Perfect for archery and tree stand hunting, the KILO Micro comes with a magnetic Quick Detach Interface (QDI) for fast access to your rangefinder in high pressure hunting situations.

CONTENTS:

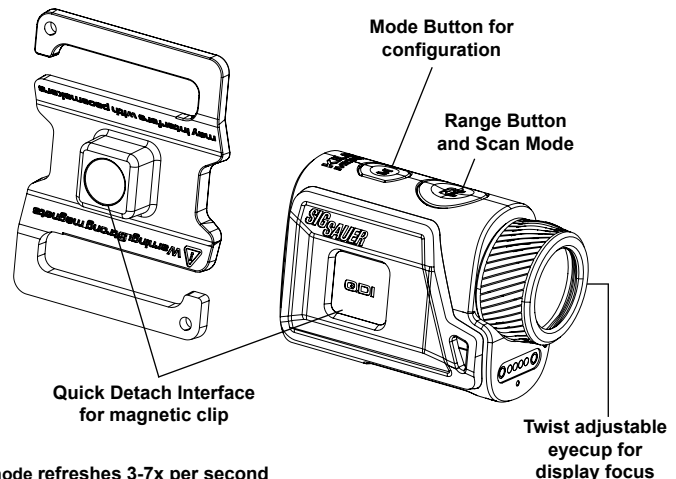
- KILO Micro
- QDI Magnetic Clip
- Lanyard
- Pouch
- Owners Manual
- USB-C Magnetic Charging Cable

RANGE PERFORMANCE:

Up to 1000 yards on reflective targets

Up to 800 yards on trees

Up to 500 yards on deer



*Scan mode refreshes 3-7x per second

Scan the QR code below to visit sigsauer.com where you will find additional information about SIG SAUER products, SIG SAUER Academy and the SIG Experience Center, special programs, and additional support.



FOR PRODUCT SERVICE ON THIS MODEL,

Please Call 603-610-3000

12100 SW Tualatin Rd., Tualatin, OR 97062 USA

P/N 7406599-01 REV05



sigsauer.com

MODES OF OPERATION:

Your rangefinder comes with 4 RANGE MODES of operation:

- 1. **Line of Sight (LOS):** Provides the line-of-sight range to the target independent of angle. The angle of incline / decline will also be displayed. This method is preferred for long range shooters and hunters using an external ballistic calculator.
- 2. **Angle Modified Range (AMR):** AMR is the equivalent horizontal range to the target and can be used with ballistic reticles and by archers. It is commonly referred to as "rifleman's rule" and is very accurate for distances less than 400 yards.
- 3. **Ballistic Groups:** There are 8 predetermined ballistic groups on your rangefinder. The first 6 groups are centerfire groups. Group 1 is the flattest shooting group. Each group out to group 6 has more drop. Select your group based on the caliber list that is provided. If your rounds are impacting low, move to a higher numbered group. If your rounds are impacting high, move to a lower numbered group. Group 7 represents muzzleloaders and Group 8 represents a crossbow.
- 4. **Archery Mode:** By inputting your arrow speed, the algorithm improves the accuracy from simple Angle Modified Range, especially at extreme angles.

Your rangefinder has 3 TARGET MODES:

- 1. **BEST Target:** BEST target displays the range of the target with the strongest received signal.
- 2. **FIRST Target:** FIRST target displays the closest target to the user.
- 3. **LAST Target:** LAST target displays the furthest target ranged. It is used in most situations and is ideal for ranging through foliage.

NOTE: LAST and FIRST target respond differently when in SCAN mode. If the RANGE button is held down while scanning across multiple targets at different distances, the farthest target (LAST) or closest target (FIRST) will be retained while scanning.

SETUP:

Your rangefinder comes with an internal battery. Simply attach the magnetic USB-C charging cable to the rangefinder and plug the other end into an approved USB-C adapter. If the LED is red, the battery is below 25% charged. If it is yellow, it has a 25–50% charge. If it is green, the battery is charged to between 50-100% charge.

Next, install the lanyard loop through the lanyard attachment point on the rear of your rangefinder. The other loop end can be attached to the QDI magnetic clip, or attach the lanyard to your gear if you are using the included pouch.

To focus the display for your eye, press the RANGE button to turn on the unit and rotate the eyecup for best focus on the TOLED display.

PROGRAMMING/CONFIGURATION:

Your rangefinder can be configured by using the RANGE and MODE buttons located on the top of the unit.

- 1. Press and release the **RANGE** button to wake up the unit.
- 2. Press and hold the **MODE** button to enter programming/configuration.
- 3. **RANGE MODE/BALLISTIC GROUP/ARCHERY** selection:
 - a. AMR is default and is flashing. Press and release the RANGE button to toggle between AMR > LOS > RIFLE (Ballistic Groups) > BOW (Archery Mode)...
 - b. If AMR or LOS is selected, press and release the MODE button to save your selection and index to Target Mode selection.
 - c. If RIFLE (Ballistic Groups) is selected and flashing, press and release the MODE button to select your Ballistic Group. The number 1 is flashing. Press and release the RANGE button to toggle Ballistic Groups from 1–8. Once a Ballistic Group is selected, press and release the MODE button to save and index to Holdover Unit of Measure.
 - d. Holdover Unit of Measure of MOA is flashing. If MOA is desired, then press and release the MODE button to index to Target Mode selection. If MRAD is desired, press and release the RANGE button to toggle between MOA and MRAD. Press and release the MODE button to save and index to Target Mode
 - e. If BOW (Archery Mode) is selected and flashing, press and release the MODE button. The arrow speed of "200" will be displayed. Increase the speed to match your arrow speed by pressing and releasing the RANGE button. Once the arrow speed is set, press and release the MODE button to save and index to Target Mode.
- 4. **TARGET MODE** selection:
 - a. BEST is default and is flashing. Press and release the RANGE button to toggle between BEST > FIRST > LAST...
 - b. Once your Target Mode is selected, press and release the MODE button to index to Brightness Control.
- 5. **DISPLAY BRIGHTNESS CONTROL** selection:
 - a. AUTO is default and is flashing. Press and release the RANGE button to toggle between AUTO > dSP1> dSP2 ... > dSP9>...
 - b. Once your Display Brightness is selected, press and release the MODE button save and index to Unit of Measure.
- 6. **UNIT OF MEASURE** selection:
 - a. Y (yards) is default and is flashing. Press and release the RANGE button to toggle between Y > M (meters).
 - b. Once your Unit of Measure is selected, press and release the MODE button to return to ready to range.

BALLISTIC GROUPS:

There are 8 predetermined ballistic groups on your rangefinder. The first 6 groups are centerfire groups. Group 1 is the flattest shooting group. Each group out to group 6 has more drop. Select your group based on the caliber list that is provided. If your rounds are impacting low, move to a higher numbered group. If your rounds are impacting high, move to a lower numbered group. Group 7 represents muzzleloaders, and Group 8 represents a crossbow.

GROUP 1		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
.243 Win	70	3553
.243 Win	55	3880
.26 Nosler	100	3674
.26 Nosler	120	3550
.26 Nosler	125	3450
.26 Nosler	140	3210
.204 Ruger	32	4225

GROUP 2		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
.300 WBY Mag	150	3375
.338 Lapua	285	2890
.338 Win Mag	200	2950
.338 Rum	250	2900
.270 Weatherby	130	3200
.338 Lapua	250	3000
7mm Rem Mag	150	3050
.270 WM	130	3275
7mm Rem Mag	150	3000
7mm WSM	140	3225
.30-.378 WBY	180	3400
.300 RUM	180	3400
.270 WSM	150	3120
7mm STW	140	3325
7mm RUM	160	3250
7mm RUM	140	3450

GROUP 3		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
.300 Win Mag	180	2933
.300 WSM	180	2950
.338 Win Mag	250	2700
.300 Win Mag	150	3300
.300 Win Mag	180	2960
.300 WSM	150	3300
.375 H&H	270	2700
.270 Win	130	3050
.270 Win	140	2950
.300 WBY Mag	180	3100
6mm Creedmoor	107	2950
30-06 SPRG.	165	2950

GROUP 4		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
6.5x55 Swedish	129	2750
.25-06 Remington	120	3000
.280 Remington	140	3000
.338 Win Mag	225	2800
.243 Win	100	2900
.223 Remington	40	3650
260 Remington	130	2820
6.5 Creedmoor	130	2850
6.5 Creedmoor	147	2695
6.5 Creedmoor	140	2742
.25-06 Remington	100	3200

GROUP 5		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
.22-250 Remington	55	3650
.375 H&H	300	2600
.308 Win	175	2640
.30-06 Springfield	180	2675
.260 Remington	120	2880
.260 Remington	140	2750
6.5 Creedmoor	120	2825
.30-06 Springfield	150	3000
.270 Win	150	2850

GROUP 6		
Zero Distance: 100 Yards		
Cartridge	Projectile Weight (gr)	Muzzle Velocity (fps)
5.56mm	62	2822
.223 Remington	55	3200
7.62x51	147	2820
.303 British	150	2700
.308 Win	165	2700
.308 Win	168	2700
.308 Win	175	2600

GROUP 7: MUZZLELOADER		
Zero Distance: 100 Yards		
Projectile	Projectile Weight (gr)	Muzzle Velocity (fps)
.50 cal sabot	400	1900

GROUP 8: CROSSBOW		
Zero Distance: 20 Yards		
Bolt	Projectile Weight (gr)	Muzzle Velocity (fps)
Bolt	400	310