



Electronic Sighting Device Instruction Manual

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SIGHTRON USA LIMITED LIFETIME WARRANTY

Sightron is certain our riflescopes, binoculars and spotting scopes will line up to your high expectations and never let you down.

The Sightron ***“Limited Lifetime USA Warranty”*** covers all Sightron products sold and shipped within the 50 States of the United States. Should your Sightron product ever fail due to workmanship or materials simply return it to Sightron and we will repair or replace it at our option. ***“See Exclusions Below”***

This warranty does not cover damage that occurs in shipment or failures that result from accidents, misuse, abuse, unauthorized alterations, theft, modifications or acts of God.

Note: Products shipped from the USA out of the Country are considered Gray Market Products and are not covered by this warranty.

Please return your Sightron product to: Sightron, Inc. 100 Jeffrey Way, Suite A, Youngsville, NC 27596. Include a detailed letter with the issues you are experiencing along with return address and complete contact information. If you have any questions please contact us at: 1-919-562-3000 or at info@sightron.com

Sightron Warranty Exclusions:
Sightron Electronic Components Warranty-Two Years
Sightron ESD Warranty-Two Years
Sightron GPS Warranty-One Year



SIGHTRON INTERNATIONAL WARRANTY

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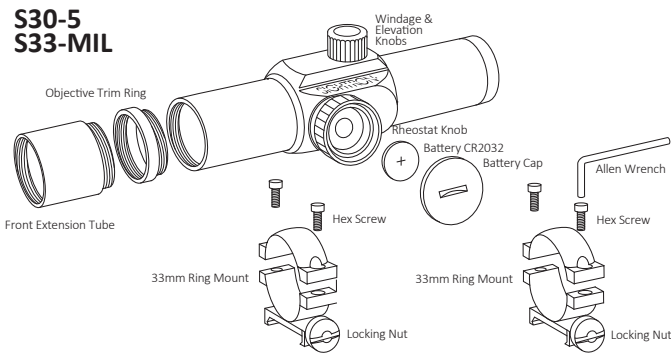
Should your Sightron product ever fail due to workmanship or materials simply return it to the Sightron Distributor from the Country it was purchased along with a copy of the sales receipt and we will repair or replace it at our option. If you are not sure of the Distributor for your country or region please email us at info@sightron.com or contact us in the U.S.A. +1-919-562-3000.

Due to the changing requirements by the U.S. Department of Commerce it is important to let your Distributor return your scope for repair as they are aware of the proper importation and exportation regulations for your Country. ***Scopes sent directly to Sightron U.S.A. will not be accepted unless a prior RMA is authorized.***

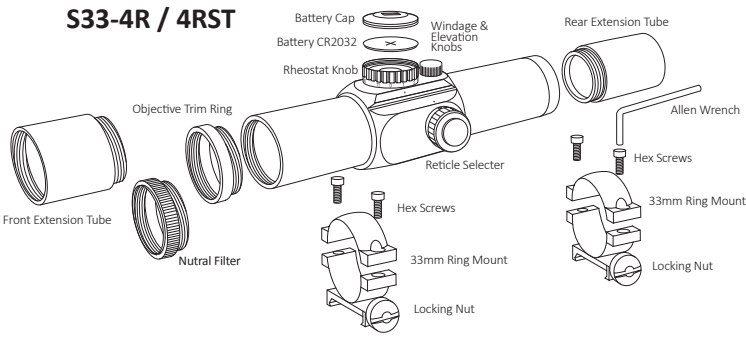
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S30-5
S33-MIL



S33-4R / 4RST



Using Your Scope

Caution: Always use eye and hearing protection and follow proper safety rules when handling or firing a gun. Always insure your weapon is unloaded when mounting or replacing batteries in your sight.

1.Using a penny, remove the battery cap by holding the knurled rheostat ring and turn the battery cap counter clock-wise. Install the battery with the (+) up and re-tighten the cap.

Note: Do not over tighten cap, as only a snug fit is required for proper operation.

2.Turn the rheostat switch to the desired setting, the higher the selection the brighter the illuminated dot will appear.

It is recommended you use the lowest possible setting to reduce glare and create a better defined dot. Lighting conditions will usually determine the lowest settings possible.

3.All S30-5 and S33-Mil scopes are equipped with one front sunshade and a flash filter. The front dress ring must be removed in order to mount the sunshade and filter. A battery and allen wrench is also included for the mounting rings. The S33-4R includes a front and rear sunshade and a Neutral Density filter and flip-up lens caps. Removal of the dress ring is not required on this model for the sunshades. A battery and Allen wrench is also included for the mounting rings. Note: The Neutral Density filter will only mount directly to the scope with the dress rings installed.

4.To switch reticle patterns on the S33-4R locate the reticle turn switch on the left side of the ESD. By turning the knob you can select different reticle options to fit your shooting needs.

5.Night Vision (NV 1) and (NV 2) settings are offered on the S33-MIL for use with night vision. This switch is located on the 8 position intensity switch.

Mounting Your Scope

Caution: Always use eye and hearing protection and follow proper safety rules when handling or firing a gun. Always insure your weapon is unloaded when mounting or replacing batteries in your sight.

Note: Never use your scope as a lever to twist rings into proper placement - certain damage will occur.

1.Using your allen wrench, remove hex screws top caps on both rings.

2.Mount both bottom halves of rings on your Weaver-type base and tighten slightly.

3.After you have determined proper spacing and eye relief, place your scope into the mount bottom halves and center the scope. The elevation adjustment knob should be directly in alignment with the bore axis of the gun. Your scope should be mounted.

Sighting In Your Gun

Caution: Always use eye and hearing protection and follow proper safety rules when handling or firing a gun. Always insure your weapon is unloaded when mounting or replacing batteries in your sight.

1.It is highly recommended that you have your new scope collimated by a qualified gunsmith before heading to the range.

2.Your new scope has been optically centered at the factory and superior performance will be obtained with minimal adjustments.

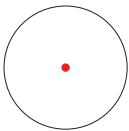
3.If you are unable to obtain the services of a qualified gunsmith or do not have access to a collimator, the following procedure will be highly effective and efficient.

a. Place a 2 to 3 foot square target at a distance of 15 to 25 yards. Draw or place a 1" square in the center.

b. Using a steady rest, fire one shot at the center of the bulls eye. Return the gun to the exact position and adjust the reticle to the point of impact of the first bullet. At this point, line one more shot at the bulls eye. This shot should be within one inch of your target. Make final adjustments as necessary with the next shot.

S30-5

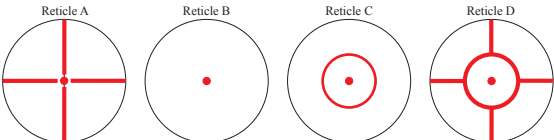
The S30-5 is equipped with an 11 position rheostat to adjust for varying light conditions. Higher settings are for use on bright days when contrast can be low. The lower settings provide dimmer light when shooting in low light conditions or dark backgrounds.



S30-5 5 MOA Dot Reticle

S33-4R/ 4RST

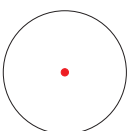
The S33-4R and 4RST offer four reticle patterns for use in a wide variety of hunting and shooting situations. For target use on your favorite handgun to turkey hunting with your favorite shotgun a pattern is available for every need. The Sightron S33-4R may be the most versatile sighting device in the Sightron family of scopes.



S33-4R/ 4RST Reticles

S33-MIL

The S33-MIL ESD features four reticle options. NV1 and NV2 are designed for use with Generation 1 and 2 Night Vision Devices. A manual 8 position selector switch provides a wide range of options for all lighting conditions. The Auto Mode allows for automatic adjustment by the internal light system.



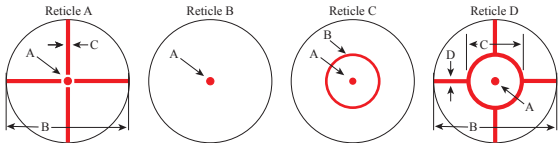
S33-MIL 5 MOA Dot Reticle

ESD Specifications

Note: 1 MOA is approximately equal to 1" at 100yards, 1/2" at 50 yards and 1/4" at 25 yards.

Item Number	Magnification	Overall Length	Weight	Objective Diameter	Tube Diameter	Dot Size/ Reticle Type	Field of View @100 Yards	Click Value @100 Yards	Battery	Finish
S-30-5	1X	4.75"	5.0 oz.	25mm	30mm	5 MOA	52'	1.0"	CR2032	Matte Black
S33-4R	1X	5.70"	6.3 oz.	27mm	33mm	4 Patterns	58'	1.0"	CR2032	Matte Black
S33-4RST	1X	5.70"	6.3 oz.	27mm	33mm	4 Patterns	58'	1.0"	CR2032	Stainless
S33-MIL	1X	4.7"	6.3 oz.	27mm	33mm	5 MOA	58'	1.0"	CR2032	Matte Black

Note: All specifications on illustration below are reticle dimensions.



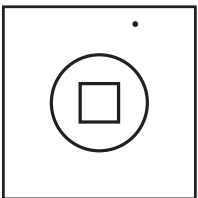
Note: Field of view is 58 feet. at 100 yards.

ESD Reticle Subtensions

Note: All values are in inches.

Item Number	Distance	Reticle A	Reticle B	Reticle C	Reticle D
S30-5	25 yards		1.25		
	50 yards		2.5		
	75 yards		3.75		
	100 yards		5		
S33-4R/ 4RST	25 yards	0.25/22.5/1.25	1	2/18.75	0.5/22.5/7.5/25
	50 yards	0.5/45/2.50	2	4/37.5	1.0/45/15.0/50
	75 yards	0.75/67.5/3.75	3	6/56.25	1.5/67.5/22.5/75
	100 yards	1.0/90/5	4	8/75	2/90/30/1.0
S33-MIL	25 yards		1.25		
	50 yards		2.5		
	75 yards		3.75		
	100 yards		5		

First Shot



First Adjustment

