



*Signature Series*

# **RIFLESCOPE**

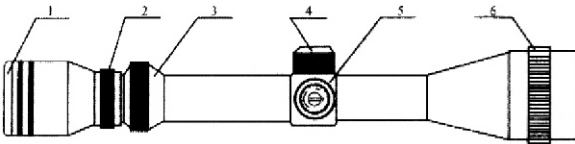
## **INSTRUCTIONS**

SD2.5×20DP  
3×32CB  
4×32CB  
SD4×32MD  
SD6×42MOA  
SD3-9×40S

## BRIEF INTRODUCTION

Riflescopes produced in our factory extensively can be applied to various rifles. It has a crosshair instead of traditional front sight and gap, and this can obviously increase aiming speed, accuracy, and percentage of hits.

## FEATURES



- 1: Eye Bell      2: Lock Ring For Focus      3: Magnification Ring  
4: Upper Handwheel Cover    5: Right Handwheel Cover    6: Distance Ring

## PERFORMANCE PARAMETER TABLE

SPECIFICATIONS FOR OSPREY RIFLE SCOPE

Specification	SD2.5X20DP	3X32CB	4X32CB	SD4X32MD	SD6X42MOA	SDS3-9X40S
Magnification	2.5	3	4	4	6	3-9
Objective(mm)	20mm	32mm	32mm	32mm	42mm	40mm
Tube Diameter(mm)	25.4mm	25.4mm	25.4mm	30mm	30mm	25.4mm
Field of View(feet at 100yds)	24.1	34	26.8	29.4	20.9	32.4-12.45
Parallax(yards)	50yds	50yds	50yds	100yds	100yds	100yds
Reticle Image Plane(Magnifying)	DUPLEX	BALLISTIC CD	LR DUPLEX	MIL DOT	MOA	SNIPER P4
Exit Pupil(mm)	8mm	11mm	8.4mm	8	7	13.28-4.44
Eye Relief(inches)	5.95"	4.45"	4.06"	3.82"	3.15"	3.35-2.72
Length(inches)	7.36"	8.2"	8.2"	11.73"	12.12"	12.2"
Weight(ounces)	8.5	9.5	10.6	13.8	15.5	12.5
Finish	Black Matte	Black Matte	Black Matte	Black Matte	Black Matte	Sliver
MOA	1/4	1/4	1/4	1/4	1/4	1/4
Elevation/Windage Adjustment	±60	±60	±60	±40	±40	±30
Diopter Adj	±2.5	±2	±2	±2	±2	±2

## USAGE

**Focusing** Look through scope within 3 or 4 inch distance from your eye to eyepiece lens. If you can't see the reticle clearly, loosen knurled lock ring and rotate eye bell until the reticle appears clearest. Then screw the lock ring to lock the eye bell firmly.

**Mounting** Scope is installed on gun by means of mount. Rotate scope tube so that vertical crosshair is vertical and horizontal crosshair is horizontal. Adjust the position of scope on the rifle so that proper eye relief is achieved. Then tighten all screws to fix scope on the rifle firmly.

**Boresighting** Aim at a target 100 m away and fire at it. If the impact point deviates from the aiming point, measure the vertical and horizontal distance between these two points. Screw off upper and right handwheel covers of the scope and turn two handwheels in the direction showed in the table below. Keep on firing and adjusting until the impact point coincide with the aiming point.

impact point		left up	left down	right up	right down
turn direction	upper handwheel	clockwise	counter-clockwise	clockwise	counter-clockwise
	left handwheel	counter-clockwise	counter-clockwise	clockwise	clockwise

**CAUTION:** One click on handwheel equals to 1/2 or 1/4 inch displacement on the target 100 m away (see performance parameter table.)

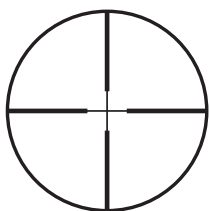
**Adjusting magnification** Magnification of the scope with magnification adjusting system can be varied by rotating power ring.

**Adjusting distance** Superior riflescope has distance adjusting device. When shooting at a target, rotate distance ring to corresponding position.

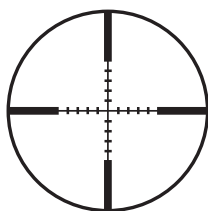
## MAINTENANCE

- Keep scope in the place free from acid, alkaline and other corrosives.
- Dust and dirt on the surface of scope should be cleaned with a soft cloth or soft tissue with a little alcohol.
- In case of damage, seek help with the company.

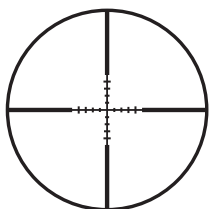
## RETICLE



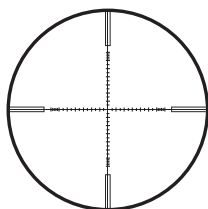
DUPLEX



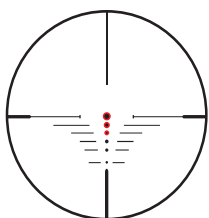
MIL DOT



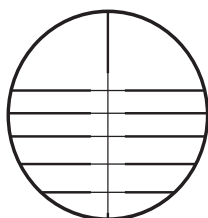
SNIPER P4



MOA



BALLISTIC CD



LR DUPLEX