

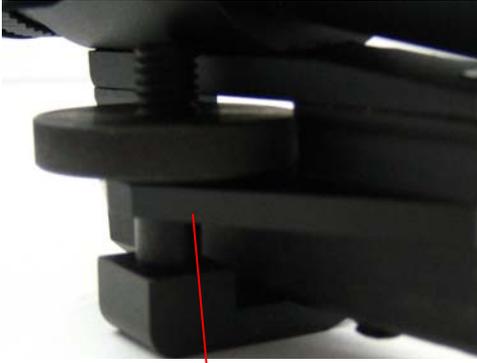
MARK III TACTICAL SERIES

The Mark III Tactical Series offers a compact optical system packed with many features making it very user friendly. Two mounting system options make for easy mounting with a Quick Release feature. These scopes are also backed by our Lifetime Limited Warranty. We trust that you will receive many years of enjoyment and service from your new Mark III Tactical Scope.

For optimum performance, please follow all of the procedures in this owner's manual very carefully.

KEY FEATURES





Integrated AR/M16
Carry Handle Mount



Integrated Weaver
Style Mount

MOUNTING PROCEDURE

Your scope mount is the link between your firearm and your optics. It is very important to have a solid connection between the two in order to ensure proper function of all components. NcSTAR has made installation fast and easy for the Mark III Tactical Series by incorporating the Quick Release System. You should place your firearm on a secure platform, such as a gun vise, before performing any of the following procedures.

CAUTION: CAREFULLY FOLLOW ALL OF THE MOUNTING PROCEDURES. FAILURE TO DO SO CAN CAUSE DAMAGE TO YOUR SCOPE OR FIREARM

CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARM HANDLING PROCEDURES AT ALL TIMES.

Mounting to a Weaver/Picatinny rail

The following models can be mounted on most Weaver Style/Picatinny rails:

STP3942G, STR3942G, STM3942G, STP2732G, STR2732G, STM2732G, STP642G, STR642G, STM642G, STP432G, STR432G, STM432G.

1. Begin by loosening the locking nut and the left side of the mount. To perform this action be sure that the Quick Release lever in the closed position pointing towards the eyepiece (Fig. 1). Using a wrench, turn the locking nut counter-clockwise (Fig. 2).

Quick Release Lever



Fig. 1

Locking Nut

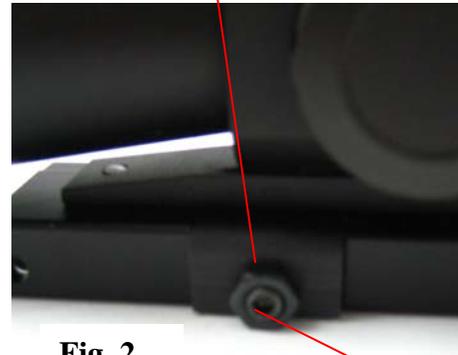


Fig. 2

Set Screw

2. Next, turn the Quick Release lever to the open position pointing towards the objective lens. Using the provided allen wrench, loosen the set screw in order to fit the mounting unit to the rail on your firearm (Fig. 2). Seat the scope on top of your firearm's rail with the objective lens pointing towards the muzzle. Should your firearm and adjust the position of the scope until you have achieved the most comfortable sight picture and maximum field of view. Once you have your scope positioned properly close the Quick Release lever once more. Now, tighten the set screw until it is snug using the provided allen wrench.
3. At this point your scope and mount are in place, but they are not yet anchored to the firearm solidly. Open the Quick Release lever and make small adjustments to the set screw. Open and close the Quick Release lever checking the tightness of the mount. Perform this action and many times as necessary until the mount is set firmly atop the rail. **CAUTION:** It does not take a lot of force to get this unit mounted securely. Be certain not to over tighten the set screw to avoid stripping it. Damage can also occur to Quick release lever if too much force is applied.
4. Once you have properly tightened the set screw and checked the firmness of the mount connection by opening and closing the Quick Release lever, you can now tighten the locking nut to secure the adjustments you have made. Tighten the locking nut with the Quick release lever in the closed position for best results. Be sure not to over tighten the locking nut to avoid stripping it. You have now successfully mounted your scope. By simply opening the Quick Release lever and pivoting the scope in the direction of the locking nut, you can easily remove the scope from your firearm. Make a reference as to the position of the scope and mount in relation to the rail so that eye relief settings may be retained.

Mounting to an AR/M16 Carry Handle

The following models can be mounted on most AR/M16 Carry Handles:

STPAQ3942G, STRAQ3942G, STMAQ3942G, STPAQ2732G, STRAQ2732G, STMAQ2732G, STPAQ642G, STRAQ642G, STMAQ642G, STPAQ432G, STRAQ432G, STMAQ432G.

1. Begin by loosening the locking wheel by turning it to the right (Fig .3). You should see the bottom mount clamp begin to drop down. Continue to loosen the locking wheel until the mount clamp reaches its limit, but be sure not to let the clamp drop completely off (Fig. 4).
2. Spin the clamp outward to make room for the mount to be dropped into the carry Handle of your firearm (Fig.4).

Locking Wheel

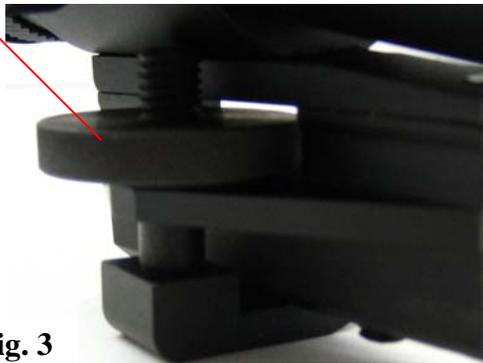


Fig. 3

Mount Clamp



Fig. 4

3. Drop the scope into the carry handle of your firearm with the objective lens pointing towards the muzzle. On the bottom of the mounting bracket you will notice a small recoil stud (Fig.5). This stud is designed to line up with hole in the carry handle of your AR or M16 to prevent the scope from moving when the rifle is fired (Fig. 6). Properly position the scope and push it all the way into the carry handle until it is firmly seated and level with the axis of the bore of your firearm (Fig. 6).



Fig. 5

Recoil Stud

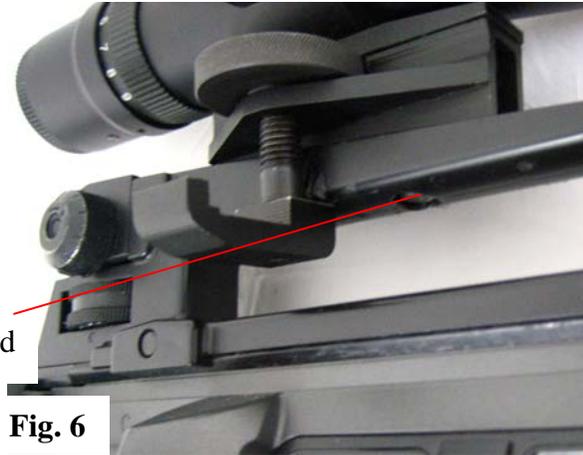


Fig. 6

4. Swing the Mount clamp until it is underneath the carry handle of your firearm and position it so that it is at a 90 degree angle with the mounting bracket. Begin turning the locking wheel to the left to lift the mount clamp towards the carry handle. When the mount clamp reaches the bottom of the carry handle be certain that it is properly aligned, and then hand tighten the wheel as tight as you can. Avoid the use of tools to perform this action so as not to cause damage to your scope or firearm. To remove the scope, simply loosen the locking wheel and lift the scope out of the carry handle. It may be necessary to add a raised comb or cheek rest to your stock in order to achieve a comfortable cheek weld and a clear line of sight while viewing targets through your Mark III Tactical Scope.

FOCUSING YOUR SCOPE

Your Mark III Tactical Scope is equipped with a Fast Focus eyepiece on the rear of the ocular lens easily distinguished by the serrated ring (Fig. 7). Once your scope is properly mounted you can focus your reticle to ensure a clear and crisp image.

1. Hold your firearm and look through your scope in a comfortable position to where you see a full field of view.
2. Make quick glances through the eyepiece at a featureless, flatly lit area such as a wall or open sky.
3. Spinning the eyepiece counter-clockwise will extend the eyepiece outward (generally suitable for those who are far sighted). Spinning the eyepiece clockwise will bring the eyepiece back into the ocular lens housing (generally suitable for those who are near sighted)



Fig. 7

Fast Focus
Eyepiece

4. Fine tune your adjustments your adjustments until the reticle appears clear and sharp. Once the eyepiece reaches the outer limits of adjustment be sure not to force it so as not to ruin the integrity of the seals.

ZEROING YOUR SCOPE

Your Mark III Tactical Scope is equipped with adjuster turrets for Windage and Elevation. The Elevation turret is located within the Bullet Drop Compensator (BDC) on top of the turret housing. To access remove the slotted cap on top of the BDC by using a thin coin or a flat head screwdriver (Fig. 8).



Fig. 8

Elevation Turret

Slotted Cap

Twisting the Elevation adjuster counter-clockwise move the crosshairs up, and twisting the Elevation adjuster clockwise will move the crosshairs down. Replace the slotted cap once you have made all necessary adjustments.

The Windage turret is located on the right side of the turret housing. This adjuster is an open target-style turret for ease of access at anytime (Fig. 9).



Fig. 9

Twisting the Windage adjuster counter-clockwise will move the crosshairs to the right, and twisting the Windage adjuster clockwise will move the crosshairs to the left.

NOTE: Each click of adjustment changes the point of impact (where the bullet strikes the target) by the amount shown on the chart below.

Windage/Elevation inches of movement per click				
50 yards	100 yards	200 yards	300 yards	400yards
1/8"	1/4"	1/2"	3/4"	1"

We recommend the use of a bore sighting device to save time and ammunition when zeroing your scope. This device will help you get on paper much quicker. Follow all of the instructions set by the manufacturer of your bore sighting device very carefully. Once you have achieved a relative zero by way of bore sighting, it is still necessary to shoot your firearm to ensure an accurate zero.

CAUTION: Always be sure to remove the bore sighting device before from your firearm before shooting live ammunition. Failure to do so can result in damage to your firearm, or injury to yourself and those around you.

With some firearms it may not be possible to use a bore sighting device. In this case it will be necessary to use a more traditional method of zeroing.

WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.

1. From a steady rest position (such as a shooting bench) fire three to five rounds at a 100 yard target.
2. Observe where the bullets have struck the target and adjust windage and elevation as necessary until your point of aim matches your point of impact. Remember, at 100 yards each click of adjustment will move the crosshairs of the scope roughly 1/4".
3. Your firearm and scope are now zeroed for 100 yards. To change the zero distance of your scope you can adjust the Elevation and Windage turrets as needed according to the ballistics of the cartridge load you are using
4. Your Mark III Tactical scope is also equipped with a Bullet Drop Compensator (BDC). A Bullet Drop compensator is designed to compensate for the natural gravitational pull on the bullet as soon as it leaves the barrel. If you look closely at the BDC you will notice that it is marked one through five. Each number is represented in increments of 100 yards. So what ever distance you are shooting at, simply turn the BDC knob to that specific range in yards.



NOTE: Since altitude, temperature, wind, rain, and other climatic conditions effect trajectory, you may experience some slight deviation in the exact settings of your scope from one shooting session to the next. Also, different cartridge brands, loads, and bullet weights will result in different points of impact.

ILLUMINATED RETICLE

Your Mark III Tactical Scope is equipped with an Illuminated Reticle that can be turned on and off by simply rotating the Rheostat knob located on the left side of the turret housing (Fig. 10)



Fig. 10

The reticle can be illuminated in two different colors (red or green) with multiple brightness levels for each. If you look closely at the top of the knob you will notice a series of numbers. “0” represents the off position. If you turn the knob in either direction the reticle will illuminate in red or green (depending upon the direction that it is turned). Both colors have three brightness levels each, “1” being the dimmest and “3” being the brightest. Adjust the brightness level as needed in accordance with the surrounding conditions. The illumination will increase reticle visibility especially during dusk and dawn. When the illumination is turned off the reticle will appear as normal. Be sure the rheostat knob is set to the “0” position when not in use to preserve battery life.

BATTERY INSTALLATION

Your Mark III Tactical Scope comes ready to use with a pre-installed battery. If the battery life expires or your scope no longer illuminates, follow these simple instructions:

1. The Battery compartment is located within the Rheostat Knob (Fig. 10)

2. On the top of the Rheostat knob you will notice a thin cap. To remove this cap grasp it firmly with one hand and twist it counter-clockwise while holding the rheostat knob firmly in place with the other hand (Fig. 11).



3. Remove the old battery and dispose of it properly. Replace it with a new 3 volt Lithium Battery type CR2032 only. Twist the Battery cap back on to the Rheostat knob and hand tighten. Avoid using tools (such as pliers) to perform this procedure as this may cause damage to the unit.

CARE AND MAINTENANCE

Your Mark III Tactical scope is shock proof and waterproof. However, you should never try to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush and the lens cloth provided with your scope. For a deep cleaning, you can also use high grade camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your scope. Clean the outer portion of the lens cavity first with cotton swabs, clearing as much debris and dust as possible. Then, gently clean the lenses using a circular motion starting in the center and ending at the edges. Do not rub the lenses continually, simply wipe in short circular patterns. Maintain the exterior surfaces of the scope by removing dirt or sand by using a soft brush or a soft, dry cloth. You can also use a silicone treated cloth to restore luster and protect the scope against corrosion. Be careful not to touch any of the lenses with the silicone cloth. It is not necessary to lubricate any part of the scope as all of the

moving parts, such as the turrets and the fast focus eyepiece, are permanently lubricated. When not in use, always store your scope in a dry place with the lens caps on to prevent scratches to the lenses.

If you are not sure about any of the procedures in this manual, always seek the help of a qualified professional to avoid damage to your scope and your firearm.

SPECIFICATIONS

MARK III TACTICAL SERIES

WEAVER STYLE QUICK RELEASE MOUNT

ITEM #	MAGNIFICATION	TUBE DIA.	OBJECTIVE DIA. (MM)	FOV (FEET AT 100 YARDS)	EYE RELIEF (in)	EXIT PUPIL(MM)	RETICLE	N.W(OZ.)	LENGTH (in)	CLICK VALUE
STP432G	4X	N/A	32.00	27.3	3.0	8	P4 SNIPER	14.7	6.63	1/4 M.O.A
STM432G	4X	N/A	32.00	27.3	3.0	8	MIL-DOT	14.7	6.63	1/4 M.O.A
STR432G	4X	N/A	32.00	27.3	3.0	8	RANGEFINDER	14.7	6.63	1/4 M.O.A
STP642G	6X	N/A	42.00	18.3	2.4	6.7	P4 SNIPER	15.2	7.38	1/4 M.O.A
STM642G	6X	N/A	42.00	18.3	2.4	6.7	MIL-DOT	15.2	7.38	1/4 M.O.A
STR642G	6X	N/A	42.00	18.3	2.4	6.7	RANGEFINDER	15.2	7.38	1/4 M.O.A
STP2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	P4 SNIPER	14.9	7.35	1/4 M.O.A
STM2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	MIL-DOT	14.9	7.35	1/4 M.O.A
STR2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	RANGEFINDER	14.9	7.35	1/4 M.O.A
STP3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	P4 SNIPER	16.7	7.54	1/4 M.O.A
STM3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	MIL-DOT	16.7	7.54	1/4 M.O.A
STR3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	RANGEFINDER	16.7	7.54	1/4 M.O.A

AR/M16 CARRY HANDLE QUICK RELEASE MOUNT

ITEM #	MAGNIFICATION	TUBE DIA.	OBJECTIVE DIA. (MM)	FOV (FEET AT 100 YAARDS)	EYE RELIEF (in)	EXIT PUPIL(MM)	RETICLE	N.W(OZ.)	LENGTH (in)	CLICK VALUE
STPAQ432G	4X	N/A	32.00	27.3	3.0	8	P4 SNIPER	14.1	6.63	1/4 M.O.A
STMAQ432G	4X	N/A	32.00	27.3	3.0	8	MIL-DOT	14.1	6.63	1/4 M.O.A
STRAQ432G	4X	N/A	32.00	27.3	3.0	8	RANGEFINDER	14.1	6.63	1/4 M.O.A
STPAQ642G	6X	N/A	42.00	18.3	2.4	6.7	P4 SNIPER	14.6	7.38	1/4 M.O.A
STMAQ642G	6X	N/A	42.00	18.3	2.4	6.7	MIL-DOT	14.6	7.38	1/4 M.O.A
STRAQ642G	6X	N/A	42.00	18.3	2.4	6.7	RANGEFINDER	14.6	7.38	1/4 M.O.A
STPAQ2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	P4 SNIPER	14.3	7.35	1/4 M.O.A
STMAQ2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	MIL-DOT	14.3	7.35	1/4 M.O.A
STRAQ2732G	2X-7X	N/A	32.00	39.1-13.0	2.9	14.4-4.8	RANGEFINDER	14.3	7.35	1/4 M.O.A
STPAQ3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	P4 SNIPER	15.7	7.54	1/4 M.O.A
STMAQ3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	MIL-DOT	15.7	7.54	1/4 M.O.A
STRAQ3942G	3X-9X	N/A	42.00	36.8-12.0	2.0	9.3-3.1	RANGEFINDER	15.7	7.54	1/4 M.O.A

ALL MARK III TACTICAL SCOPES WILL FOCUS DOWN TO 50 FEET
 ALL MARK III TACTICAL SCOPE ARE SET PARALLAX FREE AT 50 YARDS