# March<sup>®</sup> Rifle Scope

First Focal Plane Reticle Scope

Owner's Manual (English Language Edition)

### Thank you for purchasing your March Rifle Scope. Please read this owner's manual thoroughly before using your scope.

### WARNING:

Never use a telescope to look at the Sun.

Using a rifle scope to look at the Sun will cause permanent and

irreversible eye damage.

Make sure that you set enough eye relief position of your scope

to prevent injury from recoil. Setting your new scope with

incorrect eye relief and improper mounting can cause physical

damage to the shooter.

For illuminated models please keep batteries out of reach of

children.

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- · KEEP new and used batteries OUT OF REACH of CHILDREN
- **INGESTION HAZARD**: This product contains a coin battery.
- · DEATH or serious injury can occur if ingested.
- A swallowed coin battery can cause Internal Chemical Burns in as little as 2 hours.
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

### Before you mount your new March Scope

Your new March scope has come out of the factory but will need to be set up for your eyes. Before you begin using your March scope, you will need to take a moment to level the scope's reticle, focus the reticle for your eyes and bore sight your rifle.

Leveling the reticle for your new March scope is covered on Page 4. Taking the time to do this as you set up your new scope is important to avoid canting and long range shooting errors.

The best way to focus your March scope's reticle is covered on Page 4. This can either be done before or after the scope is mounted on your rifle.

Bore sighting your March scope is covered in more detail on Page 5. Making sure the rings and bases are perfectly aligned before setting up your new scope will help to remove possible sighting errors by eliminating structural pressure on your new scope. It will also keep your March scope as close to its optical center as possible.

Adjusting your new March scope to the extremes of the elevation or windage dials prevents you from sighting through the central axis of the scope. This means you will see the target through the outer edges of the optics, and this will degrade the image resolution.

We hope the following advice is helpful to you in setting up your new March scope.



### Mounting your new March Scope

### Preferred Rings and Bases

March recommends a one piece base such as a picatinny mount or a Stolle type benchrest rail. A one piece mount removes many of the alignment problems commonly seen in two piece mounting systems.

If a one piece base is not an option with your rifle, then that should not be a serious problem. We recommend that whenever scope rings are installed on a rifle, their alignment needs to be checked before a scope is mounted.

The best way to do this is to use a precision 30mm ring (or 34mm for the March-X and March-FX models) alignment tool. Some lapping of the scope rings may be required to bring the scope rings into alignment. However, if a scope is mounted in rings that are out of alignment, then damage to your new March scope or unreliable performance could occur. Your March Scope dealer can advise on some proper tools to assist you mount your scope in the rings.

Position the scope rings so they do not sit too near the extreme ends of the scope or even too close together and use a torque wrench to tighten the scope ring screws. Positioning the rings at the extreme end of the scope body could also cause damage to your new March. Check manufacturers specifications for torque value. Usually the torque value is 15-18 inch pound /1.7-2.03 newton meter, but will vary depending on Alloy or Steel.

### Setting the Eye Relief

With the bolt removed from the unloaded rifle, aim the rifle in your usual shooting position. Very slowly move your March scope until you can see the full field of view. No dark circles at the edges should be present at this stage, and there will be a comfortable eye relief.

Make sure that you set enough eye relief position of your scope to prevent injury from recoil. Setting your new scope with incorrect eye relief and improper mounting can cause physical damage to the shooter.

### Leveling the Reticle

It is very important for the vertical reticle to be level with the center of your rifle's bore. If this is not the case, canting of the rifle will occur and this will cause accuracy problems at long range.

One of the easiest ways to check vertical alignment is to use a vertical string line for example at about 10m in front of your rifle. Making sure your rifle is completely level, look through your March scope and confirm the vertical reticle is in line with the vertical string line.

At this point, use a torque wrench to tighten the scope ring screws.

Be sure to not over tighten the screws as this could also cause damage to your new March. Check that the scope has not moved as the screws are tightened.

### Focus the Reticle

You have successfully and securely attached the March scope to your gun. Next, align the reticle with your eye sight. Turn the locking ring clockwise to free the eyepiece. Set the scope to the lowest magnification, look through the

scope and turn the eyepiece to find the position where you can best see the reticle while looking at something without a background, such as a blue sky or a sheet of white paper at a distance of 4-8 inch (about 10-20 cm). Once determined, turn the lock ring to fix the eyepiece in place.



If you adjust the eyepiece diopter at a high magnification, you will not be able to make an accurate adjustment. Be sure to use the low magnification. If you are near-sighted, rotate the eyepiece body in the – direction, counter-clockwise. If you are far-sighted, rotate the eyepiece body in the +direction, clockwise. When the reticle is focused for your vision, rotate the knurled locking ring until it meets up with the eyepiece body to lock.

# DO NOT ATTEMPT TO LOOK AT THE SUN, AS PERMANENT EYE DAMAGE WILL RESULT.

When you turn the eyepiece, the reticle's clarity will change as the focal length changes. When the reticle is focused for your eyes, turn the locking ring counter-clockwise until it is firm against the eyepiece. Do not attempt to over tighten but it must be firm.

### Eyepiece Adjustment Line

(Variable Power Scopes except EP-Zoom)

The factory setting of the eyepiece is at -0.5 diopter. It is indicated with white line.

The adjustment to suit normal eyesight should not be too far from this position.

Once the eyepiece is set at the best position for your eyes, it isn't necessary to alter the setting often unless the vision or user changes. The factory setting of the eyepiece is indicated with white line.



Rotate eyepiece lock ring and align it on the white line to set back to factory setting of the eyepiece.

### Sighting in your March Rifle Scope

The easiest way to sight in your March scope is to bore sight your rifle against a target located between for example 25 and 50 meters away. Bore sighting is easy. With your rifle securely rested and the bolt removed, look through the bore and move the rifle until you can see the target centered in the bore.

Without moving the rifle, look through the scope and adjust the elevation and windage settings so that the reticle of the scope is aligned with the center of the target. Once you have made a tentative sight alignment, check it with live fire. Fire at the target and adjust the elevation and windage dial settings to move the reticle to the point of impact. Setting the elevation dial to "UP" raises the point of impact, and setting the dial to "DN" lowers the point of impact. Turning the Windage dial toward "R" moves the point of impact to the right, and turning it toward "L" moves the point of impact to the left.

After you have adjusted your scope to the point of impact, move the reticle back to the center of the target and fire another shot. Repeat the adjustments to the elevation and windage dials until the target and impact point are aligned.



### Important note:

Please check where your dials settings are after you have adjusted your rifle zeroed in on the target. The further away the adjustment is from the factory-set center position (of elevation and windage), the optical resolution will degrade more.

### Focus/Parallax adjustment

Your March Rifle Scope has a side focus dial that can be used to focus the scope on targets from approximately 10 yards to infinity.

It is critical, particularly for target shooting, that the setting be absolutely parallax free.

This means there should be no movement of the reticle relative to the target. To check this, move your head very slightly upwards and down or left to right and see that the reticle position does not move on the target. Be careful not to accidentally move your rifle when checking this.

The reticle should remain in the exact position aimed on the target as you slightly move your head position for parallax free operation.

Adjust the focus dial until parallax free. If parallax movement is not completely removed you will have larger than usual grouping dispersion of your shots.



Side Focus dial



Side Focus Dial Illumination Model

### If the focus dial or zoom ring is stiff.

The side focus dial and zoom ring may be stiff to rotate due to lack of use or during cold weather. This is due to a settling of the lubricant on the airtight seals over time, or an increased viscosity in the lubricant at lower temperatures. Gently turning the dial back and forth will restore normal function.

### Illuminating the Reticle

The Illumination Module (where fitted) on March scopes produces six levels of light intensity on the reticle for precision shooting in low light or night conditions. Rotating the rubber switch on the focus dial activates the Illumination mode.

The Illumination Module cycles through 1-2-3-4-5-6 each time the switch is rotated. The 6 setting is the brightest. The 6 setting is the brightest. The rubber switch turns illumination on or off while maintaining the user-selected intensity level. The Illumination Module will automatically switch off after one hour to conserve battery life.



Rubber tactical switch

### Changing the battery in the Illumination Module

Turn the switch counter-clockwise to expose the battery compartment. Replace the battery with a lithium CR2032 battery. Pay special attention to the battery polarity: the positive (+) side of the battery must face the scope body.



Illumination Module Cap



1-4x24, 1-8x24, 1-10x24, 1.5-15x42, 2.5-25x42/52, 3-24x42/52, 5-40x56 without Shuriken lock turrets

# Setting Elevation and Windage to Zero (Zero-In)

Remove the cap covering the elevation or windage dial (if attached). Attach the scope to the gun and fire at the target. Adjust the elevation and windage dials to correct for the amount of bullet hole misalignment relative to the intended position. Since the vertical indicator line on the elevation dial is misaligned with the zero mark on the dial, loosening each of the three screws on the side of the dial by about one turn will allow the dial to rotate freely, enabling you to adjust it to any necessary position. Once adjusted, tighten each of the three screws to complete the zero-in adjustment. Do not over-tighten.

### **Zero Set Function**

If the elevation dial has a 0-Set function, you can easily return to the set zero position using the zero set (the scope's "0-SET" mark). After setting the elevation dial to your desired position, press the dial with your finger to prevent it from rotating, and then use an accessory tool or a coin to turn the "0-SET" dial in the direction of the arrow until it stops. Once you perform the Zero Set, the elevation dial cannot be lowered from this position, so you won't lose the zero position. If you do not need to use the Zero Set function, turn the "0-SET" dial in the opposite direction until it stops at the top.



### 10x-60x52, 5x-50x56, 8x-80x56, 10x-60x56HM without Shuriken lock turrets

### Setting Elevation and Windage to Zero (Zero-in)

Remove the cap covering the elevation or windage dial (if attached). Mount the scope on the rifle and aim at the target. Adjust the elevation and windage dials to correct for any shift in the bullet impact relative to your aim point. Using an accessory tool, align it with the slot of the dial set screw. Hold the dial firmly to prevent it from moving, then loosen the dial set screw (a coin that fits the slot can also be used). Once the dial is removed, you will see the adjustment axis and the indices for elevation or windage. Be careful not to move the adjustment axis, and align the dial's zero with the index line. Reattach the dial and, while tightening, press firmly to ensure the dial does not spin freely. Do not overtighten this screw.



# 1-10x24, 1.5-15x42, 4.5-28x52, 5-42x56, 8-80x56 with Shuriken lock turrets

# Setting Elevation and Windage to Zero (Zero-in)

Mount the scope on the rifle and shoot at the target. Adjust the elevation and windage dials to correct for the amount the bullet impact has shifted relative to your aim point. Since the vertical index line on the elevation dial may not align with the dial's zero mark, loosen each of the three screws on the dial by about one rotation to allow the dial to rotate freely and be adjusted to the desired position. Once adjusted, tighten each of the three screws, completing the zeroing process. Do not overtighten.

# Set screw(3)

### Zero Set Function

This mechanism allows the dial to stop in the DOWN direction at the desired position. First, unlock the shuriken lock and rotate the elevation dial to set your desired position. After locking the shuriken lock, use a tool to turn the central groove in the direction of the arrow until it stops. This will make the dial to move only to the UP side from the specified position. At this point, the elevation cannot be lowered, ensuring you won't lose your starting point. To release it. use the tool to turn in the opposite direction of the arrow until it stops at the top.



### Using the Zoom Ring to change magnification

Turn the zoom ring clockwise to increase your scope's magnification and counter-clockwise to decrease magnification. Use the index point to select the most appropriate setting.



### Modifier Disk

30mm MD disk for 42mm objective lens 35mm MD disk for 52mm objective lens 43mm MD disk for 56mm objective lens

The Modifier Disk does not use any lenses. It is a lightweight aluminum disk with a smaller diameter hole in it to reduce the amount of light entering the scope.

The Modifier Disk screws onto the scope via the threads in front of the objective lens.

Using Modifier Disk with your March scope will:

a; reduce the amount of light entering the scope by as much as

50%(35mmMD disk), 40%(43mm MD disk).

(depending on the brightness of the conditions)

b; increase the depth of focus by up to 50%(35mm MD disk),

40%(43mmMD disk).

If unnecessary brightness is reduced and the depth of focus is increased, a user's ability in reading mirage is enhanced as the sight picture is more defined in difficult conditions.

For light reduction purposes, it is possible to use a camera filter on the eyepiece  $(\emptyset = 37 \text{mm}, \text{P}= 0.75).$ 

March recommends against using a filter on the objective lens because this affects target resolution.



# March<sup>™</sup> Flip Cap











- a)Slide the correctly sized flip cap onto the eyepiece or objective end of the scope until it meets the inner edge of the cap. If the flip cap is difficult to install due to stiffness, warm it up first (only warm it slightly, do not apply direct heat).
- b) After flipping the cap open, push the cap down until it locks into the open position. Make sure to lock the cap open when using the scope.
- c) While flip caps protect against rain and dust, they are not waterproof. All March scopes are waterproof.

Parts No.	Item	Model
FC-41	41mm Flip cap for eyepiece	Eyepiece
FC-46	46mmFlip cap for eyepiece	Wide Angle Eyepiece
FC-33	33mm Flip cap for 24mm objective	1x-4x24, 1x-4.5x24, 1x-8x24, 1x-10x24
FC-51	51mm Flip cap for 42mm objective	2.5x-25x42, 3x-24x42, 1.5x-15x42
FC-60	60mm Flip cap for 52mm objective	48x52, 40x-60x52, 2.5x-25x52, 3x-24x52, 10x-60x52, 4.5-28x52, 4x-40x52
FC-64	64mm Flip cap for 56mm objective	5x-40x56, 5x-50x56, 8x-80x56, 10x-60x56, 5x-42x56, 6-60x56

### Leather caps

(for eyepeiece and objective) Included with the 48x52 fixed scope and 40-60x52 EP zoom scope



### Fast Lever

This lever is attached to the zoom ring to enable rapid zooming. It will not damage the scope as it disengages in the event of a strong impact.

### Wider nails





a) First set the upper part of Fast Lever (with knob) on the scope magnification zoom ring.

Set the wider nails toward left. Set the lever knob right on the scope zoom ring knob. Make sure that the lever fits on the scope zoom ring properly.

b) Next set the lower part of lever on the scope zoom ring.

Set the small hook of the lower part onto the hook of the upper part on the windage side.

Then set the bigger hook of the lower part onto the other side of the upper part until it clicks into place. It will be all set when the lever fits and covers the scope zoom ring completely.

How to remove the lever

Unhook the bigger hook of the lower part and all parts can be removed easily.

### Manufacturing a March Scope Lens Design

March Rifle Scopes (except 1x-4x24, 1x-4.5x24, 1x-8x24 and 1x-10x24) use multi-coated Extra-low Dispersion (ED) lenses to reduce chromatic aberration and to provide high image resolution even at maximum magnification.

ED lenses have a smaller refractive index than typical optical lenses in the blue to red wavelength. This produces superior sharpness and color correction. ED lenses are often used in microscopes, high-end telescopes and semiconductors. ED lenses make it possible to maintain a consistent, high quality image from the lowest to highest magnification settings in your new March scope.

### Internal Construction

March Rifle Scopes are made from specially heat-treated, high-grade aluminum, special alloy steel and brass. The scope body is filled with argon gas to create a stable environment. To ensure that March Scopes remain airtight, each scope is fitted with high performance, industrial grade rubber O-rings.

### First Focal Plane (FFP) design;

A reticle placed in the first focal plane will keep the same value regardless of the magnification setting selected. This helps to simplify ranging targets and aiming in difficult conditions. The reticle and the target will increase in size as the magnification is increased but any hash marks or divisions in the reticle pattern will retain a constant value.

For example, one Mil-Radian is a consistent measurement across the whole power range.

To determine what measurements are covered by your March's reticle, please refer to the reticle information contained at the end of this manual.



The reticle of the first focal plane is designed specifically for each model. For reticle information and specifications, please refer to the page of each model.



### Second Focal Plane (SFP) design;

The image formed by the light incident on the objective lens is enlarged or reduced by the zoom device to form an image on the second focal plane, where the reticle is located. Therefore, the size of the reticle placed at the second focal plane does not change when zooming. Even if the size of the target image changes with zooming, the reticle remains the same size (see image below). This means that the reticle value changes in relation to the target image as you zoom. The reticle magnification. For the reticle in the second focal plane, the value of one division is determined by the magnification. For reticle information and specifications, please refer to the Second Focal Plane Reticle page.



### (Caution)

For users of illuminated scopes, please make sure to read the following

• The illuminated switch module may come loose while the scope is in use.

•When shooting, make sure that the illuminated switch module is not

loose. If the illumination switch module is loose, it may fall.

• If the illumination switch module is loose, turn the illumination switch module clockwise while pinching the focus ring.

• For illuminated models please keep batteries out of reach of children.



Please use battery CR2032 for illuminated models.

Illumination Switch Module

# 🕂 WARNING 🛛

- · KEEP new and used batteries OUT OF REACH of CHILDREN
- INGESTION HAZARD: This product contains a coin battery.
- $\cdot$  DEATH or serious injury can occur if ingested.
- A swallowed coin battery can cause Internal Chemical Burns in as little as 2 hours.
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

Recommended torque value and instructions for March Scopes by DEON (manufacturer of March Scopes)





### **March Rings**

For scope rings

15(inch pound)/1.7(newton meter)  $\sim$  18(inch pound)/2.03(newton meter) We especially recommend 17(inch pound)/1.92(newton meter)

For base attachment

We recommend up to 30.9(inch pound)/3.5(newton meter).



### **March Unimount**

For scope rings at the front of the Unimount
15(inch pound)/1.7(newton meter) ~ 18(inch pound)/2.03(newton meter)
We especially recommend 15(inch pound)/1.7(newton meter)

For scope rings at the rear of the Unimount 15(inch pound)/2.03(newton meter)  $\sim$  18(inch pound)/2.03(newton meter) We especially recommend 17(inch pound)/1.92(newton meter)

For base attachment We recommend up to 30.9(inch pound)/3.5(newton meter).



### **Mounting Position**

If the rings are close to the curve of the scope, it will restrict the inner parts from moving. Rings should be placed in the red zone.

### Note:

Torque value is the same for all March Scopes. There may be torque value differences from the ring manufacturer's instruction, but please refer to the above torque values as these allow the inside of the scope to operate properly. Warranty may not cover damage failing to follow the Scope's operating instructions including appropriate mounting. The scope itself does not come with mount rings, which must be purchased separately.

### March FFP Riflescopes





Windage and elevation markings 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 56 MIL







*The Length* 1x-8x24mm is 258mm 1x-8x24mm Shorty is 212mm





FMC-2 Reticle







FMC-3 Reticle

at 1x





### March-F 1x-10x24mm Shorty DR (30mm body tube)



The March-F 1x-10x24mm Shorty is the world's lightest and shortest scope with 10 magnification ratio. The length is only 214mm(8.4 inch) and the weight is only 505g(17.8oz).

### Windage and elevation markings

1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 56 MIL



### Dual Reticle

It has hashmarks of 1MIL increments on the first focal plane and an illuminated dot in the center that appears bright even in daylight on the second focal plane. The size of the center dot is  $\phi 0.1$  MIL at 10x magnification. By changing the magnification, the MIL hashmarks in the first focal plane is magnified along with the target, but the size of the illuminated dot remains the same.

### Dual Reticle

Illuminated center dot : 0.1MIL at 10x



### DR-TR1FB Reticle



# FFP Reticle model



# March FX

1x-10x24mm Shorty Gen II DR (Uniform 34mm body tube)





(Tactical Model with Shuriken lock turrets)

(Normal Model)

### Windage and elevation markings

Elevation dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 50 MIL Windage dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 25 MIL

### Shuriken lock turrets

"Shuriken" is a star shaped throwing knife used by Ninja. Turning the knob at the top of the elevation and windage dials toward red locks the dial and turning it toward white unlocks it.

### Fast Focus Eyepiece

This Fast Focus Eyepiece is capable of adjusting  $\pm 2$  diopter in a single turn. Hence this enables prompt adjustment for the eyepiece. Fast pitch eyepiece setting comes in handy when the time is the essence. (Note: The eyepiece diopter adjustment does not need to be readjusted unless there is a change in visual acuity.)







When attaching the flip cap (FC-33) to the scope body, please attach the supplied connecting hood (DB577-0) between the scope body and the flip cap.



DR-TR1FB (Dual Reticle)



## FFP Reticle model



### MapchFX 1.5x-15x42m (34mm body tube)





### Windage and elevation markings

Elevation dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 40 MIL Windage dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 20 MIL

### Shuriken lock turrets

"Shuriken" is a star shaped throwing knife used by Ninja. Turning the knob at the top of the elevation and windage dials toward red locks the dial and turning it toward white unlocks it.

### Fast Focus Eyepiece

This Fast Focus Eyepiece is capable of adjusting  $\pm 2$  diopter in a single turn. Hence this enables prompt adjustment for the eyepiece. Fast pitch eyepiece setting comes in handy when the time is the essence. (Note: The eyepiece diopter adjustment does not need to be readjusted unless there is a change in visual acuity.)







# March-F 3x-24x42mm



(Tactical Model)



(Normal Model)

### Windage and elevation markings

MOA model:

Elevation dial 1 Click: 1/4 MOA 1 Turn: 25 MOA Total adj. range: 100 MOA Windage dial 1 Click: 1/4 MOA 1 Turn: 25 MOA Total adj. range: 100 MOA

### MIL model:

Elevation dialWindage dial1 Click: 0.1MIL1 Click: 0.1MIL1 Turn: 10MIL1 Turn: 10MILTotal adj. range: 28 MILTotal adj. range: 28 MIL

# March-F 3x-24x52mm



(Tactical Model)

(Normal Model)

### Windage and elevation markings

MOA model:

Elevation dial 1 Click: 1/4 MOA 1 Turn: 25 MOA Total adj. range: 120 MOA (100 MOA) Windage dial 1 Click: 1/4 MOA 1 Turn: 25 MOA Total adj. range: 60 MOA (100 MOA)

### MIL model:

Elevation dial 1 Click: 0.1MIL 1 Turn: 10MII

Total adj. range: 34 MIL

(28 MIL)

Windage dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 17 MIL (28MIL)

\*The red adjustment amount is for the normal model.

### MIL model

FML Reticle



FML-1 Reticle










#### Design of illuminated part

Center Horizontal: Left and right 5 MIL Vertical: UP 5 MIL Down 35 MIL 10 MIL under Horizontal line: Left and right 5 MIL 20 MIL under Horizontal line: Left and right 15 MIL 30 MIL under Horizontal line: Left and right 25 MIL



#### Design of non illuminated part

For every 5 MIL in the downward "+" mark(black) Up to 15MIL in the horizontal direction, down to 35MIL.

Center cross section: no Illuminated 0.1x0.1MIL space Four dots of  $\phi$ 0.05 MIL obliquely from the center. From the center 5 MIL diagonally 4 dots of  $\phi$ 0.05 MIL.

### MOA model

FMA-1 Reticle





FMA-2 reticle is half as thick as FMA-1.

FMA-2 reticle cannot be fitted to illuminated models.



First Focal Plane Scope with 6.2 Magnification Ratio incorporates a High Master lens system assembling Super ED lenses combined with a Temperature Anti-Drift Lens System. This 4.5-28x52 scope guarantees superb image quality and focus stability across a broad range of temperatures.

### Windage and elevation markings:

Elevation dial

with a cap





Total adj. range: 20MIL

### Fast Focus Eyepiece

25 Degree Wide Angle Eyepiece (Large Eye Box) will enhance the FOV throughout the 6.2 magnification range. Fast pitch eyepiece setting comes in handy when the time is the essence. (Note: The eyepiece diopter adjustment does not need to be readjusted unless there is a change in visual acuity.)



#### MD disk

When it is very bright outside, you can screw in a MD disk included in the box, which is designed to reduce the light coming into the scope by as much as 50%. This also has the benefit of increasing the depth of field of the riflescope by up to 50%. By the improved depth of field, the image will have a lot more of it in focus.

You can attach the MD disk at the end of a sunshade or directly to the objective lens. The image will appear darker in the eyepiece than without the MD disk. We recommend to take the MD disk off after dusk as the image will appear darker with it attached.





#### Windage and elevation markings

MOA model: Elevation dial 1 Click: 1/4MOA 1 Turn: 20MOA Total adj. range: 100MOA

Windage dial 1 Click: 1/4MOA 1 Turn: 20MOA Total adj. range: 100MOA

MIL model: Elevation dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 40 MIL

Windage dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 20 MIL

#### Shuriken lock turrets

"Shuriken" is a star shaped throwing knife used by Ninja. Turning the knob at the top of the elevation and windage dials toward red locks the dial and turning it toward white unlocks it.



#### Fast focus & Wide angle Eyepiece

This Fast Focus Eyepiece is capable of adjusting ±2 diopter in a single turn. Hence this enables prompt adjustment for the Eyepiece. With this 26 Degree Wide Angle Eyepiece, you will be able to aim at the target with a wide view. (Note: The eyepiece diopter adjustment does not need to be readjusted unless there is a change in visual acuity.)











# March FX

### 5x-40x56mm GEN-II





#### Windage and elevation markings:

Elevation dial



0.05Mil model dial 1 Click: 0.05MIL 1 Turn: 5MIL Total adj. range: 24MIL

### Windage dial



0.05Mil model dial 1 Click: 0.05MIL 1 Turn: 5MIL Total adj. range: 12MIL



0.1Mil model dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 24MIL



1/8MOA model dial 1 Click: 1/8MOA 1 Turn: 10MOA Total adj. range: 66MOA



0.1Mil model dial 1 Click: 0.1MIL 1 Turn: 10MIL Total adj. range: 12MIL



1/8MOA model dial 1 Click: 1/8MOA 1 Turn: 10MOA Total adj. range: 38MOA

### **Elevation Dial Locking Mechanism**



Dial Unlock

Dial Lock

To prevent unintentional movement of the dials during movement, both elevation and windage dials are equipped with locking mechanisms. Move the lever on top of the dial to the red mark to lock it, and to the green mark to unlock it. Be sure to operate at the red mark or the green mark position. (Operating the dial in the middle position may cause damage to the lock mechanism.) This lock mechanism is a soft lock. Turning the dial with strong force may damage the lock mechanism.

### 0-Set

After setting the Elevation Dial at the desired position, screw in the hexagon socket screw on top of the Dial until it stops. Elevation Dial can only be used in the Upward direction than that position.

### Focus/Parallax adjustment

Side focus dial that can be used to focus the scope on targets from approximately 10 yards to infinity. It is critical, particularly for target shooting, that the setting be absolutely parallax free.

Hex Wrench Lock I Lock Lever O-set screw O-set screw Side Focus Dial Illuminated Mon-Illuminated model Model

This means there should be no movement of the reticle relative to the target. To check this, move your head very slightly upwards and downwards or left to right and see that the reticle position does not move on the target. Be careful not to accidentally move your rifle when checking this. Fast focus eyepiece This Fast Focus Eyepiece is capable of adjusting  $\pm 2$  diopter in a single turn. Hence this enables prompt adjustment for the Eyepiece.



### Focus the Reticle

With your March scope securely installed on your rifle, it is now time to focus the reticle to your eyes. With your scope at its lowest power setting, rotate the eyepiece counter-clockwise (when viewed from a normal shooting position) until the eyepiece moves freely. When looking through the scope, aim at plain back ground such as the blue sky or a sheet of white paper.

When you turn the eyepiece, the reticle's clarity will change as the focal length changes. When the reticle is focused for your eyes, turn the locking ring counter-clockwise until it is firm against the eyepiece. Do not attempt to over tighten but it must be firm.

## DO NOT ATTEMPT TO LOOK AT THE SUN, AS PERMANENT EYE DAMAGE WILL RESULT.

Six Level Illumination switch By rotating the dial, the shooter can change the brightness from six levels. 1 is the darkest and 6 is the brightest. The rubber switch turns illumination on or off while maintaining the selected brightness level.



Dar	k		 	 	 	B	rigl	ht
1		2	3	4	5		6	

The illumination switch will automatically shut down after one hour of no use. When turning on the switch after being turned off, it will illuminate in the previously selected brightness level.

### Reticle: MIL model

FML-1 Reticle



### Reticle:

### MIL model

#### FML-PDKI Reticle



### MOA model





### MOA model



FMA-2 reticle is half as thick as FMA-1.

FMA-2 is a non illuminated reticle.



### Windage and elevation markings

Elevation dial 1 Click: 0.1MIL / 1/4MOA 1 Turn: 10MIL / 25MOA Total adj. range: 40 MIL / 130MOA

#### Shuriken lock turrets

"Shuriken" is a star shaped throwing knife used by Ninja. Red is for locked state and white is for unlocked state.



Windage dial 1 Click: 0.1MIL / 1/4MOA 1 Turn: 10MIL / 25MOA Total adj. range: 14 MIL/40MOA

#### Writable turrets

Numbers can be written and erased with a whiteboard marker.



### Fast focus & Wide angle Eyepiece

This Fast Focus Eyepiece is capable of adjusting  $\pm 2$  diopter in a single turn. Hence this enables prompt adjustment for the Eyepiece. With this 26 Degree Wide Angle Eyepiece, you will be able to aim at the target with a wide view.



#### Focus dial locking mechanism

When pushing in the focus dial to the red direction, it will lock as in the right figure. When pulling it out to the blue direction, it will be unlocked.

When you lock the focus dial, please push it in as far as it will go.

When you unlock the focus dial, please pull it out as far as it will go.

If you rotate the focus dial in between or at a locked position, the locking system will be damaged. Please make sure to rotate the focus dial at the correct position. By adopting the focus dial locking system, it avoids the focus dial to be turned unexpectedly and being out of focus.



### (Note)

The aim of the Locking mechanism of Elevation, Windage, Side focus dial is to prevent the dials from accidentally rotating during competitions or hunting. As the lock is not stiff, if you rotate the dials at incorrect positions with strong force it may lead to the damage of the locking system. Also once the dials are in a locked position, please make sure not to rotate them.

If any accident or misuse of the locking Elevation, Windage and Focus dials lead to the damage of the locking system, DEON will repair it for a fee. By any chance the locking system may damage, it will not affect other than the locking mechanism itself. Dials can be used and E/W dials will still track correctly.

Six Level Illumination switch By rotating the dial, the shooter can change the brightness from six levels. 1 is the darkest and 6 is the brightest. The rubber switch turns illumination on or off while maintaining the selected brightness level.

The illumination switch will automatically shut down after one hour of no use. When turning on the switch after being turned off, it will illuminate in the previously selected brightness level.



In order to change the battery (please refer to the left figure), turn the switch counter-clockwise to open the battery compartment and then replace the battery with a lithium battery (CR2032). The flat surface of the battery (+) must face the scope body. After replacing the battery, please lock in the switch by turning it clockwise.

### "NOTE:

For the Generation II of the popular 5-42x56mm scope, the image quality has been further refined especially near the maximum elevation amount. However, in any riflescope the best image quality is at or near the center of the adjustments. This riflescope has an internal adjustment range of 40MIL; 20 up, 20 down (130MOA; 65 up, 65 down). Because of the very wide adjustment range of this riflescope, you may experience some image quality degradation as you near the limits of the adjustment range. This degradation will worsen as the magnification increases.

Therefore, we recommend using an appropriate canted rail if you plan to use this riflescope consistently near the limits of the adjustment range and at higher magnification. It can be utilized to gain additional elevation and to keep the scope optically centered as much as possible.

A 20MOA rail will shift the adjustment range by about 5.7MIL to 25.7MIL up and 14.3MIL down.

A 30MOA rail will shift the adjustment range by about 8.6MIL to 28.6MIL up and 11.4MIL down.

### FML-MT MIL Model (Illuminated )











### FMA-TR1 MOA model



### FMA-3 MOA model





## March FX How to adjust 5-42x56 High Master Wide Angle



By shortening the objective focal length of  $5-42 \times 56$ , we were able to realize a great amount of elevation travel compared with other scopes which has the same 34mm body tube diameter.

cf.  $5-40 \times 56$  : 22MIL/76MOA,  $5-50 \times 56 \& 10-60 \times 56 \& 8-80 \times 56$  : 60MOA (equivalent to about 17.1MIL) This  $5-42 \times 56$  has 40MIL (equivalent to about 140MOA) which has the most travel amount among all the 34mm body tube diameter March scopes.

However the focal depth will be shallower due to short objective focal length, and this will require finer adjustments for the side focus.

In case you find the image to blur, please readjust by following.

Please set the magnification at 5x. 1)

2) Rotate the evepiece and find the spot where you can see the reticle the best. Please check below to see how to properly adjust the diopter. https://marchscopes.com/news/4946/

3) When you find the position where you can see the best, rotate the stop ring and stabilize the evepiece. You only need to set the eyepiece once to suit your diopter.

Please set the magnification at 42x. 4)

5) Adjust the side focus and bring the target into focus. \* When you rotate the elevation, focus may shift. In this case, please readjust the side focus turret.











			1x-8x24 FFP Sco	pe			
			SPECIFICATION	S			
Mo	del No.		D8V24FML	D8V24FIML	D8SV24FIML		
Magnifica	tion	Low		1x			
iviagriffica	lion	High		8x			
Effective L	ens Diam	leter		24mm			
Exit Pup	oil	High		3mm			
	Dograa	Low		19.67°			
Field of View	Degree	High		2.46°			
real	ft /Vd	Low	104ft/	100Yd (34.67m/	100m)		
	11/10	High	12.9ft	100m)			
Euro Doli	of	Low	74-102mm				
Eye Kell	ei	High	74-97mm				
1 Clic	ck Value		0.1 MIL				
1 Tur	rn travel		10 MIL				
Elevati	ion Trave	I	56 MIL				
Winda	ige Trave	I	56 MIL				
F	ocus		Side Focu	s/Parallax	Fixed		
Dis	stance		10yd-I	nfinity	100yd		
F	inish			Matte Black			
Illum	nination		-	Illumination	Illumination		
Re	eticle		FMC-1, FMC-2, FMC-3				
Body Tub	pe Diame	ter	30mm				
W	/eight		530g(18.7oz)	560g(19.8oz)	485g(17.1oz)		



$\setminus$	1x-8x24	1x-8x24Shorty
А	258mm (10.2inch)	212mm (8.3inch)
В	129mm (5.1inch)	83mm (3.3inch)
С	33mm (1.3inch)	33mm (1.3inch)
D	41mm (1.6inch)	41mm (1.6inch)
Е	35mm (1.4inch)	35mm (1.4inch)
F	94mm (3.7inch)	94mm (3.7inch)
G	49mm (1.9inch)	3mm (0.11inch)
н	42mm (1.7inch)	42mm (1.7inch)



	1x-10x24 Shorty FFP Scope							
			SPECIFICATIO	٧S				
Mo	del No.		D10SV24FDIML (Tactical turrets)	D10SV24 (Tactical t	FIML urrets)	D10SV24FDIMLN (Capped turrets)		
Magnifian	tion	Low		1x				
Iviagninica	tion	High	10x					
Effective L	ens Diam	neter		24r	nm			
Evit Dur	sil	Low		8.6r	nm			
EXILPU		High		2.4r	nm			
	Degree	Low		19.2	2°			
Field of View	Degree	High		1.92				
real	ft /vd	Low	101.5ft/100Yd (33.83m/100m)					
	ių iu	High	10.05ft/100Yd (3.35m/100m)					
Euro Doli	of	Low	72-104mm					
суе кеп	ei	High	75-100mm					
1 Clie	ck Value		0.1 MIL					
1 Tur	n travel		10 MIL					
Elevati	ion Trave	1	56 MIL					
Winda	ge Trave	I	56 MIL					
F	ocus		Side Focus/Parallax					
Dis	stance		10yd-Infinity					
Finish			Matte Black					
Illumination				Illumir	nation			
Reticle			DR-1, DR-TR1	FMC-1, FM	C-2, FMC-3	DR-1, DR-TR1		
Body Tub	pe Diame	ter	30mm					
W	eight		505g(17.8oz)					







1x-10x24 Shorty Gen2 FFP Scope						
			SPECIFICATIONS			
Mo	del No.		D10SV24FDIMLX D10SV24FDIMLN34	D10SV24FIMLX D10SV24FIMLN34		
Magnifica	tion	Low	1	x		
Iviagriffica	lion	High	10x			
Effective L	ens Diam	neter	24	mm		
Evit Dur	sil	Low	8.6	mm		
EXILPU		High	2.4	mm		
	Dogroo	Low	19.	2°		
Field of View	Degree	High	1.9	2°		
real	ft/Yd	Low	101.5ft/100Yd (33.83m/100m)			
		High	10.05ft/100Yd (3.35m/100m)			
Euro Doli	of	Low	72-104mm			
суе кеп	ei	High	75-100mm			
1 Clie	ck Value		0.1 MIL			
1 Tur	n travel		10 MIL			
Elevati	ion Trave	1	50 MIL			
Winda	ge Trave	I	25 MIL			
F	ocus		Side Focus/Parallax			
Dis	stance		10yd-	Infinity		
F	inish		Matte	e Black		
Illum	nination		Illumi	nation		
Reticle			DR-1F, DR-TR1F	FMC-1, FMC-2, FMC-3		
Body Tub	pe Diame	ter	34mm			
14	oight		590g(20.81oz)			
weight			550g(19.40oz)			



$\searrow$	1x-10x24 Shorty Gen2
Α	215mm (8.46inch)
В	130mm (5.12inch)
С	34mm (1.34inch)
D	41mm (1.61inch)
E	-
F	85mm (3.35inch)
G	40mm (1.57inch)
Н	51mm (2.01inch)



			1.5x-15x42 FFP Scope				
			SPECIFICATIONS				
Mo			D15V42FDIMLX	D15V42FIMLX			
IVIO	uer NO.		D15V42FDIMLN	D15V42FIMLN			
Magnific	ation	Low	1.	.5x			
iviagrifica	ation	High	15x				
Effective L	ens Dia	meter	42	mm			
Exit Pu	ıpil	High	2.8	mm			
Field of	Degree	Low	13.	.3°			
View	Degree	High	1.3	3°			
real	ft /vd	Low	70.2ft/100Yd	(23.4m/100m)			
rear	I U IU	High	6.9ft/100Yd	(2.3m/100m)			
Euro De		Low	72-97mm				
Еуе ке	lier	High	73-98mm				
1 Clie	ck Value		0.1 MIL				
1 Tur	rn travel		10 MIL				
Elevat	ion Trav	el	40 MIL				
Winda	age Trav	el	20 MIL				
F	ocus		Side Focus/Parallax				
Dis	stance		10yd-Infinity				
F	inish		Matte Black				
Illum	nination		Illumi	nation			
Reticle			DR-TR2B	FML-4			
Body Tul	oe Diam	eter	34mm				
Weight			700g (24.69oz) 660g (23.28oz)				



$\searrow$	1.5x-15x42 FFP
Α	268mm (10.6inch)
В	119mm (4.7inch)
С	51mm (2.0inch)
D	41mm (1.6inch)
E	65mm (2.6inch)
F	84mm (3.3inch)
G	41mm (1.6inch)
н	41mm (1.6inch)



	3x-24x42 FFP Scope							
			<u> </u>	MIL mod	al	MOA model		
Mo	del No		D24V42FML	D24V42FIML	D24V42FIMLN	D24V42FMA	D24V42FIMA	D24V42FIMAN
		Low			3	x	521112	021112
Magnifica	ation	High	<del> </del>		24	4x		
Effective L	ens Diar	neter	<u>†                                    </u>		42r	nm		
Exit Pu	pil	High	†		1.75	imm		
		Low	1		6.6	7°		
Field of	Degree	High			0.8	3°		
view	61 / J	Low		35	ft/100Yd (	11.66m/1	.00m)	
real	τ/γα	High		4.3	3ft/100Yd	(1.45m/10		
Euro Dal	- 4	Low			85-10	)0mm		
Еуе кег	ier	High		89-96mm				
1 Clic	ck Value		0.1 MIL			1/4 MOA		
1 Tur	n travel		10 MIL				25 MOA	
Elevati	ion Trave	el	28 MIL				100 MOA	1
Winda	ige Trave	el	28 MIL				100 MOA	1
F	ocus		Side Focus/Parallax					
Dis	stance		10yd-Infinity					
F	inish		Matte Black					
Illum	nination		-	- Illumination		-	Illumi	nation
Reticle			FML FML-1 FML-T1			FMA-2	FMA-1	
				FML-TRIH FML-MB				
Body Tuł	be Diame	eter	1	30mm				
			610g	640g	615g	610g	640g	615g
Weight		(21.5oz)	(22.6oz)	(21.69oz)	(21.5oz)	(22.6oz)	(21.69oz)	



	3x-24x42
Α	312mm (12.3inch)
В	139mm (5.5inch)
С	51mm (2.0inch)
D	41mm (1.6inch)
Е	81mm (3.2inch)
F	92mm (3.6inch)
G	53mm (2.1inch)
Н	48mm (1.9inch)



	3x-24x52 FEP Scope									
SPECIFICATIONS										
			MIL model			MOA model				
Model No.			D24V52FML	D24V52FIML	D24V52FIMLN	D24V52FMA	D24V52FIMA	D24V52FIMAN		
		Low			3	x	I			
Magnifica	tion	High			24	4x				
Effective L	ens Dian	neter			52r	nm				
Exit Pup	oil	High			2.17	'mm				
	Dograd	Low			6.6	7°				
Field of View	Degree	High		0.83°						
real	ft /Vd	Low		35	ft/100Yd (	11.66m/100	)m)			
	11/10	High		4.	3ft/100Yd (	(1.45m/100	m)			
Evo Poli	of	Low	85-100mm							
Eye Kell	ei	High	89-96mm							
1 Clic	k Value		0.1 MIL				1/4 MOA			
1 Tur	n travel			10 MIL		25 MOA				
Elevati	on Trave	el	34 MIL		28 MIL	120 MOA		100 MOA		
Winda	ge Trave		17 MIL 28 MIL 60			60 N	MOA 100 MOA			
F	ocus		Side Focus/Parallax							
Dis	tance		10yd-Infinity							
Fi	inish		Matte Black							
Illumination			-	Illum	ination	-	Illum	nation		
Reticle			FML FML-1 FML-T1			FMA-2	FMA-1			
				FML-TR1H						
Body Tube Diameter			30mm							
Weight			665g (23.3oz)	695g (24.3oz)	680g (23.99oz)	665g (23.3oz)	55g 695g 680g 3oz) (24.3oz) (23.990			



$\searrow$	3x-24x52					
Α	336mm (13.2inch)					
В	139mm (5.5inch)					
С	60mm (2.4inch)					
D	41mm (1.6inch)					
Е	105mm (4.1inch)					
F	94mm (3.7inch)					
G	53mm (2.1inch)					
н	48mm (1.9inch)					



			4.5x-28x52 FFP Scope		
SPECIFICATIONS					
			MIL model		
Model No.			D28HV52WFIML	D28HV52WFML	
Magnification		Low	4.5x		
		High	28x		
Effective Lens Diameter		neter	52mm		
Exit Pupil		High	1.86mm		
Field of View real	Degree	Low	5.56°		
		High	0.892°		
	ft/Yd	Low	29.1ft/100Yd	(9.7m/100m)	
		High	4.68ft/100Yd	(1.56m/100m)	
Eye Relief		Low	70-93.7mm		
		High	72-90mm		
1 Click Value			0.1 MIL		
1 Turn travel			10 MIL		
Elevation Travel			30 MIL		
Windage Travel			20 MIL		
Focus			Side Focus/Parallax		
Distance			10yd-Infinity		
Finish			Matte Black		
Illumination			Illumination	-	
Reticle			FML-3	FML-PDK	
			FML-TR1	FML-LDK	
Body Tube Diameter			34mm		
Weight			845g (29.8oz)	815g (28.7oz)	



$\searrow$	4.5x-28x52		
Α	318mm (12.5inch)		
В	129mm (5.0inch)		
С	60mm (2.4inch)		
D	46mm (1.8inch)		
E	93mm (3.7inch)		
F	96mm (3.8inch)		
G	42mm (1.6inch)		
н	49mm (1.9inch)		


4.5x-28x52 Shuriken Lock								
SPECIFICATIONS								
			MIL model		MOA model			
Model No.			D28HV52WFIMLX	D28HV52WFMLX	D28HV52WIMAX			
Low		4.5x						
wagnine	High		28x					
Effective L	ens Diai	neter	52mm					
Exit Pu	ıpil	High	1.86mm					
Field of	Degree	Low	5.56°					
Field of	Degree	High		0.892°				
real	ft /Vd	Low		29.1ft/100Yd	(9.7m/100m)			
icai	Tt/Tu	High		4.68ft/100Yd (1.56m/100m)				
Evo Do	liof	Low	70-93.7mm					
суе ке	liei	High	72-90mm					
1 Cli	1 Click Value		0.1	MIL	1/4 MOA			
1 Tu	rn travel		10	MIL	20MOA			
Elevation Travel		30 MIL		100 MOA				
Windage Travel		20 MIL		65 MOA				
Focus		Side Focus/Parallax						
Distance		10yd-Infinity						
Finish		Matte Black						
Illumination		Illumination	-	Illumination				
Reticle		FML-3 FML-TR1 FML-PDKI	FML-PDK FML-LDK	FMA-3				
Body Tube Diameter			34mm					
Weight		880g (31.04oz)	855g (30.16oz)	880g (31.04oz)				



	4.5x-28x52
А	318mm (12.5inch)
В	129mm (5.0inch)
С	60mm (2.4inch)
D	46mm (1.8inch)
Е	93mm (3.7inch)
F	96mm (3.8inch)
G	42mm (1.6inch)
Н	49mm (1.9inch)



5x-40x56-G2 FFP Scope SPECIFICATIONS										
			0.05MIL		0.1MIL		1/8 MOA			
Model No.		D40V56FML-G2	D40V56FIML-G2	D40V56FML10-G2	D40V56FIML10-G2	D40V56FMA8-G2	D40V56FIMA8-G2			
Magnifica	tion	Low	5x							
Magninica	tion	High	40x							
Effective	e Lens D	Dia.		56mm						
Exit Pup	il	High	1.4mm							
Field of View	Degree	Low			4°	)				
real	Degree	High			0.5	j°				
	ft/Vd	Low	21ft/100Yd (6.98m/100m)							
	1910	High	2.6ft/100Yd (0.87m/100m)							
Evo Poli	iof	Low	96-100mm							
Eye Neir	ei	High	92-98mm							
1 Clic	.k Value	:	0.05MIL 0.1MIL				1/8 MOA			
1 Tur	n travel	<u> </u>	5 MIL 10MIL 1					10A		
Elevation Travel		el	24 MIL 66MOA					10A		
Windage Travel		12 MIL 38MOA								
Focus		Side Focus/Parallax								
Dist	tance		10yd-Infinity							
Finish		Matte Black								
Illum	ination		-	Illumination	-	Illumination	-	Illumination		
Reticle		FML-1 FML-PDKI	FML-1 FML-PDKI	FML-1 FML-PDKI	FML-1 FML-PDKI	FMA-2	FMA-1			
Body Tube Diameter			34mm							
Weight		915g (32.3oz)	950g (33.5oz)	915g (32.3oz)	950g (33.5oz)	915g (32.3oz)	950g (33.5oz)			



$\geq$	5x-40x56-G2
Α	387mm (15.2inch)
В	155mm (6.1inch)
С	64mm (2.5inch)
D	41mm (1.6inch)
E	144mm (5.7inch)
F	88mm (3.5inch)
G	66mm (2.6inch)
н	52mm (2.0inch)



March-FX 5-42x56 HM Genli FFP scope SPECIFICATIONS							
			MIL r	MOA model			
Model No.			D42HV56WFIMLX-G2	D42HV56WFML-G2	D42HV56WFIMAX-G2		
Magnification Low		5x					
Magrill	High		42x				
Effec	Effective Lens Diameter		56mm				
Exit	Exit Pupil Low High		5.2mm				
EXIC			1.33mm				
	Dearee	Low	5.2°				
	begree	High	0.62°				
FIELD OF VIEW		Low	8.73m (26.2ft)				
	m/100m	High	1.08m (3.3ft)				
Eve	Relief	Low	71-90.4mm				
-/-		High	74.2-90mm				
	1 Click Value		0.1	1/4MOA			
	1 Turn Value		10	25MOA			
Elevation Travel		40	130MOA				
Windage Travel		14	48MOA				
Focus		Side Focus/Parallax					
Distance		10yd-infinity					
Finish		Matte Black					
Illumination		Yes	No	Yes			
Reticle		FML-MT FML-TR1 FML-3	FML-WBR FML-MT FML-TR1 FML-3	FMA-MT FMA-TR1 FMA-3			
Boo	dy Tube Diame	eter	34mm				
Weight			1015g (35.80oz)	995g (35.1oz)	1015g (35.80oz)		



	5x-42x56
А	355 mm
В	142 mm
С	64mm
D	46 mm
E	117 mm
F	96mm
G	52 mm
Н	49 mm

### Caring for your March Rifle Scope

March Rifle Scopes are sealed units however condensation may form on the outside of the lens under extreme conditions. Should this occur, dry with a soft lens cloth immediately and allow the lens to dry completely. Doing this will prevent water spots developing on the lens surface.

March recommends that only quality lens cleaning material is used on the objective and eyepiece lenses to avoid scratching the glass.

#### **Repair Services**

Please retain and follow the Warranty paperwork in case your March Rifle Scope requires repair with the Warranty period. Please inquire of the dealer purchased from, and follow their repair request instruction. When returning your March Rifle Scope for repair, please enclose and provide a full description of the issue you are having on the form provided with your Warranty.

Should repairs be required outside Warranty period, please contact the dealer purchased from or Deon Optical Design Corporation before sending.

## Memo



# March®

## Manufacturer

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