



CRONUS ATS THERMAL

MODELS: 50-640, 50-400, 35-400

5 MOA & 5 MIL Interchangeable Reticles

FIRST FOCAL PLANE



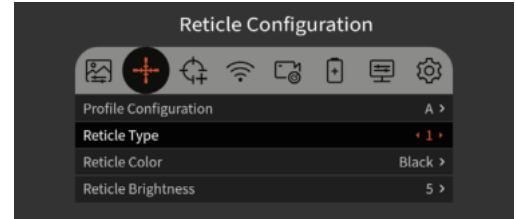
RETICLE MANUAL

CRONUS ATS THERMAL SCOPE RETICLES

Cronus ATS series thermal scopes allow user to save 10 reticle profiles, choose from 10 different reticle types (5 in MOA and 5 in MIL), 6 different reticle colors (black, white, yellow, green, blue and red), and 10 reticle brightness levels. User can access those settings through scope main menu or Athlon Thermal APP.

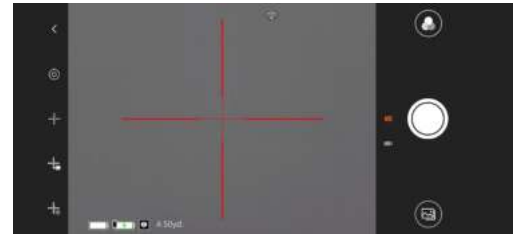
When scope is powered on, long press the Menu Knob to access the Reticle setting, and follow the instructions of menu operation in Quick User Guide or User Menu on the product web page (Image 1).

Image 1



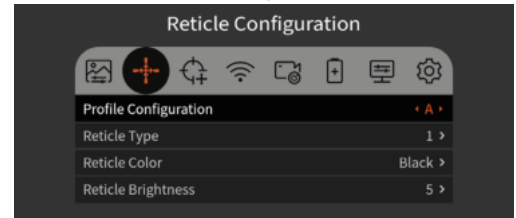
When phone APP is connected to the scope, go to the general setting to access the reticle settings (Image 2).

Image 2



Profile Configuration: Letter A to J are assigned to 10 different profiles. Assign a letter to a profile configuration and then choose reticle type, color, and brightness. Those settings will be saved automatically under the profile (Image 3).

Image 3



Zero Setting: 50, 100, 200, 300, 500 Yard or Meter are available to choose from the shortcut menu. Use the one shot zeroing feature in the main menu to sight in. Once zero is confirmed, the profile letter with zeroing distance will be shown on the lower left corner on the display of the scope (Image 4).

Image 4

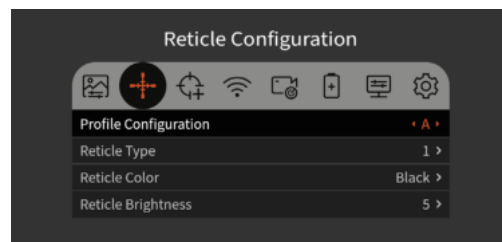


Please refer to following instruction for one shot zeroing:

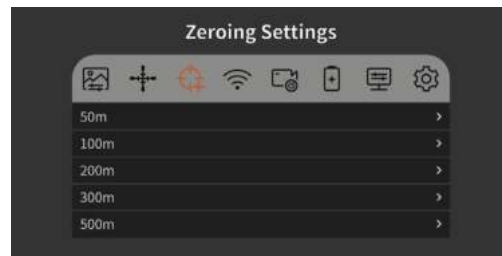
Step 1. Short press the M Button to activate the short cut menu, go to Zeroing Distance, and select the distance for zeroing in.



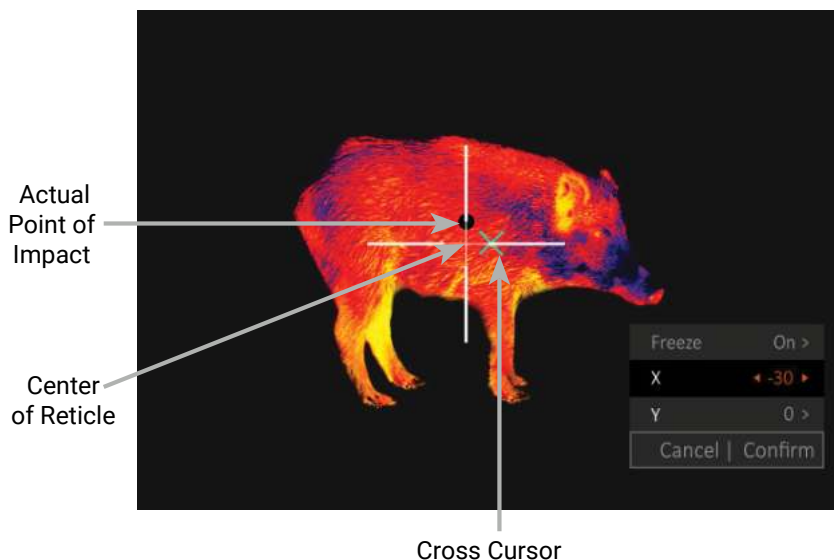
Step 2. Long press the M Button to activate the main menu, go to Reticle Configuration, assign a letter to a Profile Configuration, select Reticle Type, Reticle Color, and Reticle Brightness.



Step 3. Go to Zeroing Settings in the main menu, select the same distance preset by short cut menu to start zeroing in process.



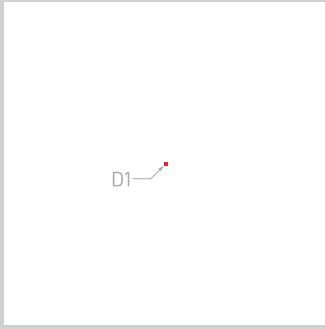
Step 4. Aim the reticle center to the center of the target, and hold the rifle as stable as possible and fire a bullet. Rotate the menu knob to turn on the freeze option in the pop-up window showing "X" and "Y" while making sure the light green X (cross cursor) still pointing at the center of target. After the image is frozen, short press M Button and then rotate the Menu knob to select and adjust the value of "X" (move left and right) or "Y" (move up and down) to move the center of the reticle until it overlaps with the actual point of impact. Use menu knob to select the "Confirm" option in the Pops up window, and short press the M button to confirm it. Each rotation of the Menu knob moves the center of the reticle by 1px. The cross cursor represents the original aiming point before any adjustment was made.



Note: Once zero is confirmed, 10 different reticles are interchangeable through selecting different reticle type without losing the zero.

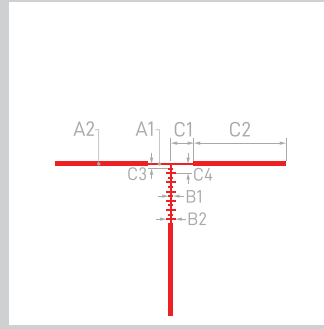
MOA RETICLES

MIL RETICLES



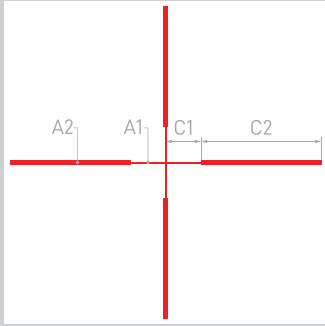
RETICLE - MOA #01
- subtensions in moa -

	50-640	50-400	35-400
D1	2.08	1.84	2.6



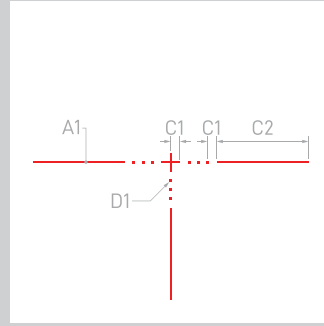
RETICLE - MIL #01
- subtensions in mil -

	50-640	50-400	35-400
A1	0.3	0.26	0.38
A2	0.9	0.78	1.14
B1	1	1	1
B2	2	2	2
C1	5	5	5
C2	20	20	20
C3	1	1	1
C4	2	2	2



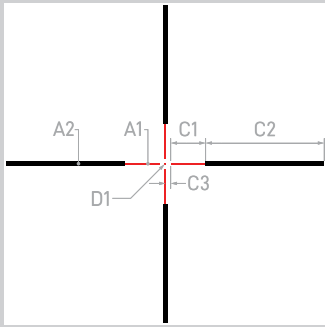
RETICLE - MOA #02
- subtensions in moa -

	50-640	50-400	35-400
A1	1.04	0.92	1.3
A2	3.12	2.76	3.9
C1	20	20	20
C2	68	68	68



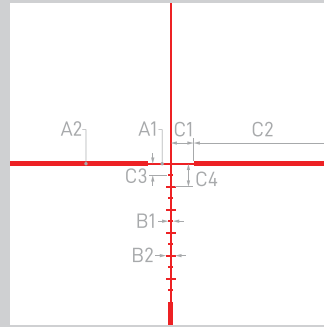
RETICLE - MIL #02
- subtensions in mil -

	50-640	50-400	35-400
A1	0.3	0.26	0.38
C1	2	2	2
C2	20	20	20
D1	0.6	0.52	0.76



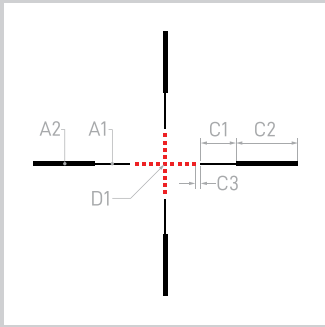
RETICLE - MOA #03
- subtensions in moa -

	50-640	50-400	35-400
A1	1.04	0.92	1.3
A2	3.12	2.76	3.9
C1	20	20	20
C2	68	68	68
C3	3	3	3
D1	1.04	0.92	1.3



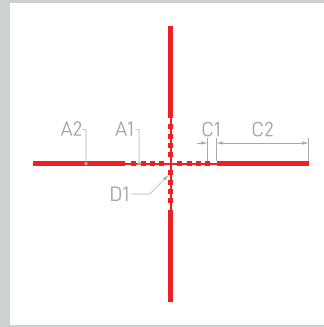
RETICLE - MIL #03
- subtensions in mil -

	50-640	50-400	35-400
A1	0.3	0.26	0.38
A2	0.9	0.78	1.14
B1	1	1	1
B2	2	2	2
C1	5	5	5
C2	20	20	20
C3	2.5	2.5	2.5
C4	5	5	5



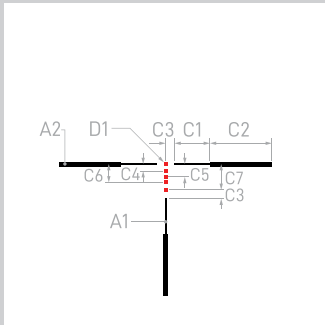
RETICLE - MOA #04
- subtensions in moa -

	50-640	50-400	35-400
A1	1.04	0.92	1.3
A2	3.12	2.76	3.9
C1	20	20	20
C2	35	35	35
C3	4	4	4
D1	2.08	1.84	2.6



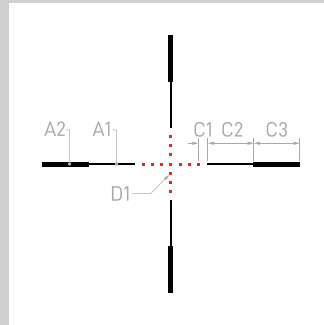
RETICLE - MIL #04
- subtensions in mil -

	50-640	50-400	35-400
A1	0.3	0.26	0.38
A2	0.9	0.78	1.14
C1	2	2	2
C2	20	20	20
D1	0.9	0.78	1.14



RETICLE - MOA #05
- subtensions in moa -

	50-640	50-400	35-400
A1	1.04	0.92	1.3
A2	3.12	2.76	3.9
C1	20	20	20
C2	35	35	35
C3	5	5	5
C4	4	4	4
C5	7.3	7.3	7.3
C6	10.4	10.4	10.4
C7	14.6	14.6	14.6
D1	2.08	1.84	2.6



RETICLE - MIL #05
- subtensions in mil -

	50-640	50-400	35-400
A1	0.3	0.26	0.38
A2	0.9	0.78	1.14
C1	2	2	2
C2	10	10	10
C3	10	10	10
D1	0.6	0.52	0.76

The MOA #05 reticle is a bullet drop compensation reticle specifically designed for 5.56 mm NATO / .223 REM round. The holdovers for bullet drop are extended to 200, 300, 400, 500, and 600 yards.

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