

TACOM HQ



COMMAND RESULTS



ALPHA TARAC

ENHANCED MAX POINT-BLANK RANGE (MPBR)
USER FIELD GUIDE

v6.0.3

CROSS-COMPATIBILITY

CALIBERS



5.56 · 6 · 6.5
300 BLK · 7.62

BULLET WEIGHT



55 – 220 gr

BC RANGE



0.243 – .697

BARREL LENGTH



7 – 20"

VELOCITY



1000 – 3300 FPS

1.40 — 1.85" CENTERLINE
50m ZERO 5.56 • 6 • 6.5 • 7.62

FAST START



RIFLE & CARTRIDGE

MPBR

TOP VALUE

AIMING REFERENCE
ALL RANGE/PRISM METERS



CENTER VALUE



HOW TO READ

1



PICK PRISM



2

SELECT
BARREL LENGTH



3



FIND YOUR
TARGET SIZE



4



AIM
HERE

HOW TO READ

BARREL LENGTH



TARGET SIZE (VITAL AREA)



DEFAULT



PRECISION

AIM CENTER®

METERS



AIM TOP TGT

METERS



1.3 MRAD

4.5 MOA

10 - 15"



10 - 20"

14 - 18"

0 - 340

340 - 380

1.8 MRAD

6.0 MOA

10 - 15"



20 - 30"

18 - 26"

0 - 380

380 - 420

2.2 MRAD

7.5 MOA

10 - 15"



20 - 30"

26 - 32"

0 - 420

420 - 460

2.6 MRAD

9.0 MOA

10 - 15"



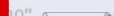
30 - 40"

32 - 42"

0 - 460

460 - 500

BALLISTIC & RANGE DATA



34 - 44"

0 - 510

510 - 560



STOW FOR 10" OR LESS TARGETS INSIDE 300 METERS

TACOM HQ, INC. | ALPHA TARAC USER GUIDE

X1.1 TO CONVERT METERS TO YARDS

1.40 — 1.85" CENTERLINE
50m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE

PRISM COLOR = COMPATIBILITY	BARREL LENGTH	TARGET HEIGHT (VITAL AREA)		AIM CENTER® METERS	AIM TOP TGT METERS
		DEFAULT	PRECISION		
1.3 MRAD 4.5 MOA	10 - 15"	10 - 20"	14 - 18"	0 - 340	340 - 380
	16 - 20"		14 - 20"	0 - 370	370 - 410
1.8 MRAD 6.0 MOA	10 - 15"	20 - 30"	18 - 26"	0 - 380	380 - 420
	16 - 20"		20 - 26"	0 - 410	410 - 460
2.2 MRAD 7.5 MOA	10 - 15"	20 - 30"	26 - 32"	0 - 420	420 - 460
	16 - 20"		26 - 34"	0 - 460	460 - 510
2.6 MRAD 9.0 MOA	10 - 15"	30 - 40"	32 - 42"	0 - 460	460 - 500
	16 - 20"		34 - 44"	0 - 510	510 - 560

STOW FOR 10" OR LESS TARGETS INSIDE 300 METERS

TACOM HQ, INC. | ALPHA TARAC USER GUIDE

X1.1 TO CONVERT METERS TO YARDS

1.85 — 2.15" CENTERLINE
50m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE

 PRISM COLOR = COMPATIBILITY	BARREL LENGTH 	TARGET HEIGHT (VITAL AREA)		AIM CENTER® METERS 	AIM TOP TGT METERS 
		 DEFAULT	 PRECISION		
 1.3 MRAD 4.5 MOA	10 - 15" 	10 - 20"	16 - 20"	0 - 360	360 - 400
	16 - 20" 		16 - 24"	0 - 390	390 - 440
 1.8 MRAD 6.0 MOA	10 - 15" 	20 - 30"	20 - 28"	0 - 400	400 - 440
	16 - 20" 		24 - 30"	0 - 440	440 - 490
 2.2 MRAD 7.5 MOA	10 - 15" 	30 - 40"	28 - 36"	0 - 440	440 - 470
	16 - 20" 		30 - 38"	0 - 490	490 - 540
 2.6 MRAD 9.0 MOA	10 - 15" 	40 - 50"	36 - 46"	0 - 470	470 - 520
	16 - 20" 		38 - 48"	0 - 530	530 - 580

🔍 STOW FOR 10" OR LESS TARGETS INSIDE 300 METERS

TACOM HQ, INC. | ALPHA TARAC USER GUIDE

X1.1 TO CONVERT METERS TO YARDS

2.15 — 2.35" CENTERLINE

50m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE



PRISM

COLOR = COMPATIBILITY

BARREL LENGTH



TARGET HEIGHT (VITAL AREA)



DEFAULT



PRECISION

AIM CENTER®
METERS



AIM TOP TGT
METERS



1.3 MRAD

4.5 MOA

10 - 15"



10 - 20"

16 - 22"

0 - 370

370 - 410

16 - 20"



18 - 24"

0 - 400

400 - 450



1.8 MRAD

6.0 MOA

10 - 15"



20 - 30"

22 - 30"

0 - 410

410 - 440

16 - 20"



24 - 32"

0 - 450

450 - 500



2.2 MRAD

7.5 MOA

10 - 15"



30 - 40"

30 - 38"

0 - 440

440 - 480

16 - 20"



32 - 40"

0 - 500

500 - 540



2.6 MRAD

9.0 MOA

10 - 15"



40 - 50"

38 - 48"

0 - 480

480 - 530

16 - 20"



40 - 50"

0 - 540

540 - 590

STOW FOR 10" OR LESS TARGETS INSIDE 300 METERS

TACOM HQ, INC. | ALPHA TARAC USER GUIDE

X1.1 TO CONVERT METERS TO YARDS

SUBSONIC 300 BLK

50m Supersonic Zero

ALPHA TARAC

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE
EXTENDS RANGE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE

PRISM COLOR = COMPATIBILITY	BARREL LENGTH	SUBSONIC		SUPERSONIC	
		TARGET HEIGHT	AIM CENTER® METERS	TARGET HEIGHT	AIM CENTER® METERS
1.3 MRAD 4.5 MOA	7 - 11"	6"	0 - 70	10"	0 - 210
	12 - 16"			12"	0 - 240
1.8 MRAD 6.0 MOA	7 - 11"	6"	0 - 70	14"	0 - 240
	12 - 16"			15"	0 - 270
2.2 MRAD 7.5 MOA	7 - 11"	6"	0 - 80	18"	0 - 260
	12 - 16"			20"	0 - 300
2.6 MRAD 9.0 MOA	7 - 11"	6"	0 - 90	22"	0 - 280
	12 - 16"			25"	0 - 330

1.40 — 1.85" CENTERLINE

100m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



 PRISM COLOR = COMPATIBILITY	BARREL LENGTH 	TARGET HEIGHT (VITAL AREA)		AIM CENTER® METERS 	AIM TOP TGT METERS 
		 DEFAULT	 PRECISION		
 1.3 MRAD 4.5 MOA	10 - 15" 	10 - 20"	12 - 16"	0 - 320	320 - 350
	16 - 20" 		12 - 18"	0 - 340	340 - 380
 1.8 MRAD 6.0 MOA	10 - 15" 	10 - 20"	16 - 22"	0 - 350	350 - 400
	16 - 20" 		18 - 24"	0 - 380	380 - 430
 2.2 MRAD 7.5 MOA	10 - 15" 	20 - 30"	22 - 28"	0 - 400	400 - 440
	16 - 20" 		24 - 30"	0 - 430	430 - 480
 2.6 MRAD 9.0 MOA	10 - 15" 	30 - 40"	28 - 36"	0 - 440	440 - 490
	16 - 20" 		30 - 38"	0 - 480	480 - 530

1.85 — 2.15" CENTERLINE
100m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



 PRISM COLOR = COMPATIBILITY	BARREL LENGTH 	TARGET HEIGHT (VITAL AREA)		AIM CENTER® METERS 	AIM TOP TGT METERS 
		 DEFAULT	 PRECISION		
 1.3 MRAD 4.5 MOA	10 - 15" 	10 - 20"	12 - 18"	0 - 320	320 - 360
	16 - 20" 		12 - 18"	0 - 350	350 - 390
 1.8 MRAD 6.0 MOA	10 - 15" 	20 - 30"	18 - 22"	0 - 360	360 - 410
	16 - 20" 		18 - 24"	0 - 390	390 - 440
 2.2 MRAD 7.5 MOA	10 - 15" 	20 - 30"	22 - 30"	0 - 410	410 - 450
	16 - 20" 		24 - 32"	0 - 440	440 - 490
 2.6 MRAD 9.0 MOA	10 - 15" 	30 - 40"	30 - 36"	0 - 450	450 - 490
	16 - 20" 		32 - 40"	0 - 490	490 - 540

2.15 — 2.35" CENTERLINE

100m ZERO 5.56 • 6 • 6.5 • 7.62

ALPHA TARAC®

ANALOG, prismatic bullet drop compensator



 PRISM COLOR = COMPATIBILITY	BARREL LENGTH 	TARGET HEIGHT (VITAL AREA)		AIM CENTER® METERS 	AIM TOP TGT METERS 
		 DEFAULT	 PRECISION		
 1.3 MRAD 4.5 MOA	10 - 15" 	10 - 20"	12 - 18"	0 - 330	330 - 370
	16 - 20" 		12 - 18"	0 - 350	350 - 390
 1.8 MRAD 6.0 MOA	10 - 15" 	20 - 30"	18 - 24"	0 - 370	370 - 410
	16 - 20" 		18 - 24"	0 - 400	400 - 450
 2.2 MRAD 7.5 MOA	10 - 15" 	20 - 30"	24 - 30"	0 - 410	410 - 450
	16 - 20" 		24 - 32"	0 - 450	450 - 490
 2.6 MRAD 9.0 MOA	10 - 15" 	30 - 40"	30 - 38"	0 - 450	450 - 490
	16 - 20" 		32 - 40"	0 - 490	490 - 540

SUBSONIC 300 BLK

100m Supersonic Zero

ALPHA TARAC

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE
EXTENDS RANGE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE

PRISM COLOR = COMPATIBILITY	BARREL LENGTH	SUBSONIC		SUPERSONIC	
		TARGET HEIGHT	AIM CENTER® METERS	TARGET HEIGHT	AIM CENTER® METERS
1.3 MRAD 4.5 MOA	7 - 11"	6"	0 - 70	10"	0 - 220
	12 - 16"			10"	0 - 240
1.8 MRAD 6.0 MOA	7 - 11"	6"	0 - 70	14"	0 - 240
	12 - 16"			15"	0 - 270
2.2 MRAD 7.5 MOA	7 - 11"	6"	0 - 80	18"	0 - 270
	12 - 16"			20"	0 - 300
2.6 MRAD 9.0 MOA	7 - 11"	6"	0 - 90	22"	0 - 290
	12 - 16"			25"	0 - 320

SUBSONIC 300 BLK

100m Zero SWAP

ALPHA TARAC

ANALOG, prismatic bullet drop compensator



0 AIMING REFERENCE
ALL RANGES IN METERS



CENTER VALUE

MPBR



TOP VALUE
EXTENDS RANGE

HOW TO READ

1 PICK PRISM



2 SELECT BARREL LENGTH



3 FIND YOUR TARGET SIZE



4 AIM HERE

PRISM
COLOR = COMPATIBILITY

BARREL LENGTH



SUBSONIC



TARGET HEIGHT



AIM CENTER®
METERS

SUPERSONIC



TARGET HEIGHT



AIM CENTER®
METERS

3.9 MRAD
13.5 MOA

7 - 11"



12 - 16"



8"

0 - 120

40"

42"

0 - 350

0 - 400



SUPER → SUB 100M ZERO SWAP

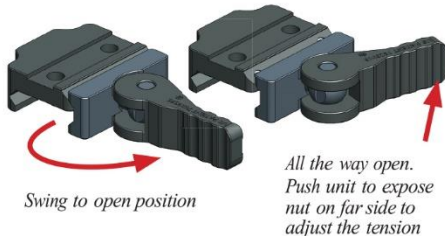
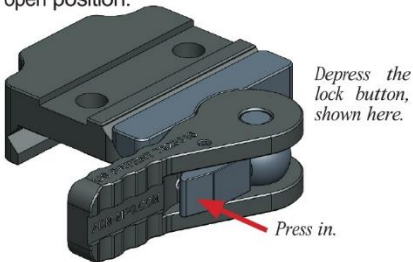


AMERICAN
DEFENSE MANUFACTURING

Operating Instructions for QD AutoLock™ System

No tools required for AutoLock adjustment.

- 1 Before attempting to install your ADM mount, please take the time to ensure that your firearm is **unloaded** and the muzzle is pointed in a safe direction.
- 2 Please repeat number 1.
- 3 Look over your ADM mount and become familiar with its components.
- 4 Unlock the mount. To do this, depress the lock button and swing the lever 180° to the open position.

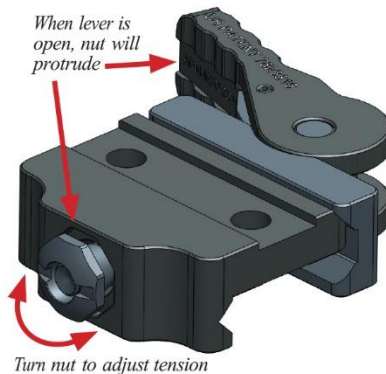


- 5 Install the assembly onto the rail and move the lever to the locked position.
- 6 Check the tension to close. The correct amount of tension is the maximum amount you apply with one hand to move the lever to a closed position. How much tension you prefer is dependent on your own judgement and personal preference. Please remember, this system has a lot more surface contact than the competition, so you may not need to push the lever as hard to achieve the same result.



- 7 To adjust the tension, move the lever to the open position and push the lever towards the base. This will make the adjustment nut protrude on the opposite side of the base. With the nut protruding, it may be turned to the right or the left to make the necessary adjustment. We recommend tightening one to two flats per time, then testing the tension. Since there are eight flats on the octagonal nut, this process may take a few tries to get it where you want it. You will need NO tools for this step.

- 8 While utilizing a mount with vertical rings, please note to tighten the bottom screws first, then the top screws. There should be a slight gap between where the top of the rings meet when tightened properly. The torque rating for the ring screws is 20-25 in/lbs. max. For optics mounts, such as the AD-T1 series and other red dot mounts, there isn't a torque rating. Simply snug the screws down a little more than finger tight. Over tightening of the small screws on optics such as the Aimpoint T1, risks stripping the threads and ruining the optic. The only threadlocker that American Defense recommends is VC-3 Vibra-Tite Threadmate. The use of any other threadlocker may cause damage to the mount and void the warranty.



Regarding the AD-SM series mounts:

DO NOT attempt to adjust or remove the bolt that holds the optic ring to the mount base on the AD-SM-01/02/03 Series Mounts. Doing so **will void the warranty**. The bolt is permanently threadlocked into the ring. Attempting to adjust the bolt will cause it to break, damaging the mount.

Notes

