

CONGRATULATIONS ON YOUR PURCHASE OF THE ATN PS22.

Your PS22 has the option of being mounted on a rail in front of your daytime scope or mounted directly to the objective lens of the scope.



- For mounting on a rail in front of scope please refer to user manual page 2-2.
- For mounting directly to the objective lens* of the scope please refer to user manual page 2-3 – 2.6.



* If you choose the objective lens mounting option it is very important to note that the proper Scope Mounting System (SMS) is required.

We offer 6 different SMSs to choose from. If mounting directly to the objective lens we offer 6 different SMSs to choose from. Please refer to below chart to determine which SMS is appropriate for your scope.

Please refer to the back of this page or G-1 in the user manual for how to determine proper diameter size.

Table 1. Scope Mounting Systems

| Scope Mounting System # | Objective Lens Diameter (Insert Size), mm | Clear Aperture of Objective Lens, mm | Examples of compatible Riflescopes |
|-------------------------|---|--------------------------------------|---|
| 1 | 25.4 | 25.4; 30 | Leupold 1.5-5x20 PR |
| | 30 | | Leupold 1.5-5x20 MR/T M2; Zeiss 1.1-4x24T |
| 2 | 38 | 38; 42 | Meopta Artemis 2000 4x32 |
| | 42 | | Leupold Mark 4 3-9x36; Leupold Mark 4 2.5-8x36; Kahles 4x36 |
| 3 | 42 | 42; 46.7; 48; 48.7-49; 49.5; 50 | Leupold Mark 4 3-9x36; Leupold Mark 4 2.5-8x36; Kahles 4x36 |
| | 46.7 | | Leupold 3.5-10x40; Leupold VX-II 3-9x40 |
| | 48 | | Zeiss 1.5-6x42; Swarovski PV-N 2.5-10x42 |
| | 48.7-49 | | Meopta Artemis 3000 3-9x42 |
| | 49.5 | | Meopta Artemis 3000 4-12x40 |
| | 50 | | Shmidt & Bender 10x42 |
| 4 | 56 | 56; 57; 58.7 | Zeiss 2.5-10x50 |
| | 57 | | Shmidt & Bender 3-12x50 |
| | 58.7 | | Leupold 4.4-14x50; Leupold VX-III 3.5-10x50 |
| 5 | 42 | 42; 46.7 | Leupold Mark 4 3-9x36; Leupold Mark 4 2.5-8x36; Kahles 4x36 |
| | 46.7 | | Leupold 3.5-10x40; Leupold VX-II 3-9x40 |
| 6 | 62 | 62 | Zeiss 3-12x56 |
| | | | Swarovski 2,5-10x56 |
| | | | Kahles CSX 3-12x56 |

**If you require a different SMS please contact ATN for an exchange.
Toll free: 800-910-2862, Direct: 650-989-5100, email: info@atncorp.com**

HOW TO SELECT SCOPE MOUNTING SYSTEM REQUIRED FOR YOUR DAYTIME SCOPE

By selecting the appropriate Scope Mounting System (with Inserts) you can mount the PS-22 onto a daytime scope with an objective tube diameter from 25 to 62 mm. At the Table 1 Scope Mounting System sizes (#1-6) and Insert sizes for different scope examples are provided.

If your specific daytime scope is not listed in Table 1, before mounting procedure you have to select the proper Scope Mounting System (and Insert) required.

To do this, perform the following actions:

- 1) Determine your daytime scope **objective tube diameter (external - not diameter of the glass lens)** with a millimeter ruler (with a trammel for more accurate results) as shown in figure.
- 2) Select from the Table 1 the Insert size **closest (larger)** to the value measured (Insert size is also specified at an Insert body). Do the selection in Insert group that corresponds to the **same** Scope Mounting System (for example, Scope Mounting System #2).
- 3) The Scope Mounting System you need is the one that corresponds to Insert size selected at the Table 1.

For example, if your scope objective tube diameter is equal to 46 mm then you should select Insert with size of 46,7 mm and corresponding Scope Mounting Systems #3 from the Table 1.



Objective tube diameter measuring

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