

## Operating and Maintenance Manual

**FBT - Fine Ballistic Tools GmbH**  
**Suppressors of the "INCA" Brand**

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### Welcome and Thank You!

Dear Customer,

We sincerely thank you for choosing an INCA suppressor.

With our products, you hold in your hands a precision tool manufactured in Austria, crafted with the utmost care using state-of-the-art additive manufacturing technology and the most advanced materials available.

Our mission: **Performance, precision, and durability - so you can focus on what truly matters.**

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## General Guidelines for the Use of Suppressors and Firearms

### 1. Firearm Safety

- Always treat every firearm as if it is loaded - even if you believe it has been unloaded.
- **Muzzle discipline:** Never point the firearm at people or objects you do not intend to shoot.
- Keep your finger **outside** the trigger guard until you are ready to fire.
- Always be aware of your **line of fire** and what lies beyond your target (safe backstop).

### 2. Use of Suppressors

- Use suppressors only on approved, technically sound firearms.
- Before every shot, check for secure fit and correct alignment of the suppressor.
- Avoid overheating - follow the recommended shot sequences.
- After use, remove the suppressor from the firearm, inspect if necessary (according to specifications), and store it in a dry place.

### 3. Legal Compliance Regarding Firearm Parts

- The acquisition, possession, transport, and use of suppressors and firearm parts are subject to the applicable firearms laws of your country.
- In some countries or regions, suppressors may only be carried or used with special authorization.
- Always carry the required legal documents when transporting suppressors or essential firearm components.
- Transfer firearm parts only to individuals who hold the required legal permits.

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#### 4. Transport and Storage

- Always transport firearms and essential firearm parts unloaded.
- Store suppressors securely, in a dry place, and out of reach of unauthorized persons.
- Prevent access by unauthorized persons, especially children, at all times.

#### 5. Maintenance and Function Check

- Regularly inspect for damage, cracks, or loose components.
- If any damage or irregularity is detected, do not fire further shots - contact the manufacturer or an authorized dealer.

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#### General Information on INCA Suppressors

- All INCA suppressors are additively manufactured (3D-printed) from metal.
- Production is 100% in Austria.
- All models (except the TAC series) must be used exclusively with original FBT thread adapters with **M22×1 male thread** or Recknagel ERA®LOC quick-mount systems.
- Always select the suppressor bore diameter to match the caliber used.

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#### Model Overview

##### AIR series

- Features: Carbon sleeve with ceramic thermal insulation
- Maximum rapid-fire sequences:
  - Standard calibers: 10 consecutive shots
  - Magnum calibers: 5 consecutive shots

##### HOT series

- Specially robust for high firing rates
- Excellent performance-to-weight ratio
- Exterior coating: Cerakote, heat-resistant up to 600 °C

##### ONE series

- Denotes FBT's integral suppressor design
- Available as firearm conversions or as an upgrade for Blaser/Sauer integral suppressors
- A carbon shroud between breech and muzzle fully covers the barrel
- The thread adapter remains permanently mounted on the barrel for attaching the muzzle-mounted suppressor

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- Compatible with various ONE-series muzzle suppressors

#### **TAC series**

- Designed for fully-automatic and semi-automatic firearms
  - Quick-mount compatible with “NATO-A2” flash hiders
  - The only series that allows internal cleaning (see cleaning instructions)
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#### **Mounting Instructions**

1. Unload the firearm and check the chamber.
  2. Inspect the thread adapter or NATO-A2 flash hider for secure fit.
  3. Carefully screw on or lock the suppressor into place.
  4. Ensure the suppressor is seated axially and radially without any play.
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#### **Care and Cleaning Instructions**

- **Threads on adapter and suppressor:**  
Wipe clean with a lightly oiled cloth and remove any dirt.
  - **Internal cleaning:**  
Do not flush or use cleaning agents inside the suppressor!  
Exception: **TAC series** - may be cleaned internally using Flunatec Research GmbH suppressor cleaning agents.
  - **Storage:**  
Store suppressor in a dry environment and protect from loose particles (e.g., dirt inside gun case).
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#### **Safety Instructions**

- Use only calibers approved for your specific model.
  - Avoid overheating, especially with AIR series models.
  - Perform mounting and dismounting only on unloaded firearms.
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