



SSS 22 LR

User Manual

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Introduction

Thank you for choosing Silent Strike Suppressors SSS 22 LR. Engineered for precision, and performance, the SSS 22 LR reduces sound signature significantly, recoil, and muzzle flash while maintaining accuracy. This manual provides essential information for safe operation, care, and maintenance.

Firearm Safety

- Treat every firearm as if it is loaded.
- Keep your finger off the trigger until you are ready to shoot.
- Always point the muzzle in a safe direction.
- Be certain of your target and what is beyond it.
- Never rely solely on a firearm's safety mechanism.
- Wear appropriate hearing and eye protection.
- Ensure only authorized and responsible individuals handle firearms.

Suppressor Safety Information

- Ensure all firearms are unloaded before installation, removal, or maintenance.
- Always follow firearm manufacturers' safety guidelines.
- Use only ammunition that complies with SAAMI or CIP standards.
- Do not fire a suppressor that is loose, cross-threaded, or improperly mounted.
- Suppressor surfaces become **extremely** hot after use. Use protective equipment or allow to cool before handling.
- Never attempt unauthorized modifications.

Important Safety & Usage Notice

For your safety and to ensure proper performance of the SSS 22 LR Suppressor, it is critical that the owner and all users carefully read this manual and follow all instructions and safety warnings. Only individuals familiar with the safe handling of firearms should use this suppressor.

Safety & Usage Notice continued:

Failure to install, operate, or maintain the suppressor in accordance with this manual may result in serious injury or damage to your firearm.

Although a suppressed firearm produces less noise than an unsuppressed firearm, it is still fully capable of causing harm or property damage. Always handle a suppressed firearm with the same caution and responsibility as you would any other firearm.

Before installing the suppressor, make sure the firearm is completely unloaded. Open the bolt and visually confirm that no ammunition is present. If you are unsure how to properly unload your firearm, consult your firearm's user manual or contact the manufacturer or a licensed dealer for guidance.

Suppressors are muzzle-mounted devices, which means improper attachment can occur if installation procedures are not followed precisely. Always check the alignment between the barrel and the suppressor before firing.

For **direct-thread models**, ensure the thread mount fully seats against the barrel shoulder with no visible gap. Remove any crush washers used with muzzle brakes before attaching the suppressor.

Safety & Usage Notice continued:

WARNING: Do not fire the host firearm if there is a gap between the suppressor and the barrel shoulder. This may result in poor accuracy, damage to the suppressor, or harm to the shooter.

Ensure the suppressor is free of obstructions such as dirt, mud, or debris before use. Never attempt to fire through a blocked suppressor.

The suppressor is engineered to reduce muzzle blast and pressure, but it does not contact the projectile. Bullets will retain their normal velocity, and supersonic ammunition may still create a sonic crack as the projectile passes through the sound barrier. This is a function of the ammunition, not the suppressor.

To maintain secure attachment, confirm that the suppressor is firmly tightened before and during use. We recommend checking the suppressor's fit after the first 5 shots and again every 30 shots thereafter.

Before removing the suppressor, ensure the firearm is unloaded and the bolt is open or removed. Be aware that the suppressor may remain hot after firing — handle only with protective gloves or a heat-resistant suppressor cover to prevent burns. After removal, we recommend protecting the barrel threads and crown with a thread protector or another muzzle device.

Product Overview

- Advanced baffle design for maximum sound reduction.
- Direct-thread mounting option.
- Precision CNC machining for alignment and accuracy.

Specifications

Caliber	22 LR, 22 Mag, 17 Mach 2, 17 HM2 (NO FULL AUTO or FRT's)
Length	5.5"
Diameter	1"
Weight	3.2 oz
Material	6061 Aluminum
Thread Pitch	1/2-28
Color Options	Raw or Matte Black

Installation & Mounting

- Verify firearm is unloaded.
- Ensure barrel threads are clean and free of debris.
- Align suppressor threads with barrel threads.
- Apply threadlocker to barrel threads.
- Carefully hand-thread until snug. Do not cross-thread.
- Tighten with supplied tool if applicable.
- Confirm suppressor is firmly attached before use.

Always verify that the firearm is completely unloaded before attaching or removing the suppressor. Once confirmed, align the threaded end of the SSS 22 LR with the barrel's threads. Ensure that both the barrel and suppressor threads are clean, free of debris, and in good condition before installation.

Apply threadlocker to barrel threads and carefully screw the suppressor onto the barrel until it seats firmly against the barrel shoulder.

Take care not to cross-thread during installation, as this can damage the threads and cause improper alignment with the bore. Misalignment may result in a baffle strike, which could cause significant damage to both the suppressor and firearm, as well as pose a safety hazard to the user.

Installation & Mounting continued:

Because direct-thread suppressors can gradually loosen during firing, it is essential to periodically check that the unit remains securely tightened to the barrel.

Caution: The suppressor becomes extremely hot during use. Always allow adequate cooling time before handling, or use a protective suppressor cover or heat-resistant gloves if adjustments are needed while hot.

The suppressor should be hand-tightened only — no tools are required for final tightening. Once secure, the system is ready for use.

Rapid strings of fire (more than 10 rounds in under a minute) may also cause premature baffle erosion. For maximum longevity, allow the suppressor to cool between firing sessions.

Use & Operation

- Fire only manufacturer-approved calibers.
 - 22 LR
 - 22 Mag
 - 17 Mach 2
 - 17 HM2
- **DO NOT USE** with full auto or FRT's.
- Avoid rapid, sustained fire that may cause overheating.
- Periodically check suppressor tightness during shooting sessions.

Assembly

Using a flat surface slide the tube over the monolithic baffle. Keeping the tube in the upright position, with one hand slide the centerline of the tube to the edge of the table. While holding the tube with one hand, use one finger on the other hand to push the baffle up the tube.

Flip the assembly over so the open end is up. Apply anti-seize to the threads before installing the end cap.

Lightly tighten the end cap, when the baffle is properly aligned only. Only about a 1/32" gap will be present between cap and tube.

Finish tightening end cap to 30-foot pounds.

Disassembly

To disassemble make sure the firearm is unloaded and removed from host firearm.

Remove the end cap of the suppressor.

Using your solvent of choice, spray the inside of the suppressor and let sit for 24 hours. Push baffle out of the tube with a wooden dowel.

Maintenance & Cleaning

Allow suppressor to fully cool before handling. Clean using a nylon brush, bore solvent, and lint-free cloth. For heavy fouling soak in carbon remover.

Use a stiff bristle brush (brass or nylon) with solvent / carbon killer of choice to clean the baffle and inside the tube. Make sure all parts are clean, and solvent has been removed.

Lightly oil threads before reinstallation.

Recommended cleaning interval: every 200-300 rounds.

Storage & Handling

- Store in a dry, cool environment.
- Protect from moisture to prevent corrosion.
- Keep out of reach of children and unauthorized users.

Troubleshooting

ISSUE	POSSIBLE CAUSE	SOLUTION
Suppressor loosens during fire	Threads not clean/improper torque	Clean threads, reinstall, apply Loctite
Decrease in accuracy	Carbon Buildup or misalignment	Clean thoroughly, check alignment
Excessive gas blowback	Ammo type or host system	Try different ammunition

Warranty & Support

Silent Strike Suppressors backs the SSS 22 LR with a limited lifetime warranty covering manufacturing defects. Warranty does not cover normal wear and tear, damage from misuse, improper installation, unauthorized modification, or use with non-standard or over-pressured ammunition.

The aluminum baffle will corrode over time from standard use. This is normal wear and not covered under warranty.

For support or warranty claims, contact: Silent Strike Suppressors – Customer Service

- info@silentstrikesuppressors.com
- (406) 388-2200
- www.silentstrikesuppressors.com



Scan QR code to register your warranty on our website.