



# MULTI CAL SUPPRESSOR

Owner's Manual

REVISED OCTOBER 2023

## Address

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## PHONE

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## Thank You for Purchasing the Multi Cal!

Thank you for your purchase of a GSL Technology suppressor. We take pride in our engineering driven products that are now, and will always be, designed and manufactured entirely in the United States.

With 9 patents to his credit, and over 35 years of suppressor design and manufacturing experience, our owner and founder Greg Latka has been one of the driving forces in the suppressor industry.

We are confident that you have in your hands, one of the best firearm suppressors available today. Marketing hype is one thing, but performance is entirely different. Our suppressors will quietly perform with the enduring reliability that you can count on for years to come.

GSL Technology is an engineering, performance driven company. We are one of the very few ISO 9000 certified companies in the industry. That means that our company holds itself to a higher level of accountable quality that remains constant over time.

We strive to design and manufacture the best suppressors available on the market within their service criteria.

If you are new to suppressors, you are in for a treat. If you're an old pro, we hope that you will enjoy the fruits of our labor and spread the word!



# Multi Cal Specifications

- Caliber: Multi from .17 to .30 in rifle chamberings
- Sound Reduction: 32dB
- Length: 7.75"
- Diameter: 1.62"
- Weight (without mount parts): 15.6 oz
- Materials: Titanium/Inconel
- Finish: High Temperature Cerakote
- Mount: Multiple (direct thread 1/2x28, 5/8x24, Bi-Lock, others)

Bi-Lock Flash Hider 1/2 x 28 tpi caliber range: .17 HMR to .224 Valkyrie

Bi-Lock Flash Hider 2/8 x 24 tpi caliber range: .17 HMR to 300 WinMag

## ***Minimum Barrel Lengths***

Shorter barrels in rifle chamberings can cause overpressure issues within a suppressor as the burning powder is still rapidly increasing pressure in the suppressor after it leaves the muzzle of the barrel.

5.56x45 / 5.56 NATO / .223 Win	7.5"
300 BLK	7.5"
7,62x51 / 7.62 NATO / .308 Win	12.5"
300 Win Mag	24"

## Multi Cal Box Contents

Be sure to let us know if anything is either missing or damaged within this box and we will gladly get you whatever might need to be replaced. Please read this owner's manual all the way through prior to shooting as it contains important safety and operating information. GSL Multi Cal Suppressor is a high performance tool designed to give you many years of reliable service. This suppressor can suppress any round with a bullet diameter size from .17 cal to .30 cal (basically anything from .17HMR to 300 Win Mag).



# Warnings



**WARNING!** Read the operation and maintenance manual in its entirety before using suppressor. Failure to follow the installation and maintenance instructions detailed in this manual can result in potential for serious injury to the user and damage to the weapon.



**Verify Firearm is Unloaded.** Visually and physically confirm your firearm is unloaded before attempting or performing any of the procedures in this manual. Failure to ensure the firearm is unloaded could result in unintentional discharge, causing injury or death.



**BURN WARNING:** Allow suppressor to cool to ambient temperature before removal and/or service. The outside surface temperature of this suppressor may exceed 40 C/104 F. Therefore protective gloves should be worn at all times in attaching or detaching the suppressor. Failure to do so may result in severe burns to hands and any other unprotected skin surface.



**PINCH WARNING:** Could be customized to the multi cal (as to changing out) but in attaching or detaching the can for all cans. \*The point of attachment and detachment is a pinch point and caution should be taken, including wearing protective gloves, to avoid severe injury at this pinch point.



**MUZZLE WARNING:** Could be customized to the multi cal (as to changing out) but in attaching or detaching the can for all cans. \*The point of attachment and detachment is a pinch point and caution should be taken, including wearing protective gloves, to avoid severe injury at this pinch point.



**SONIC CRACK WARNING:** This suppressor will not protect end-users and those in close proximity from hearing damage when, and if, the projectile crosses the sound barrier. Thus, proper hearing (and eye protection) should be worn at all times.

# Assembling/Disassembling

1. Insert the assembly/disassembly tool into the muzzle end of the suppressor.



2. Unscrew the end cap.



3. Sit muzzle the end of the suppressor on a flat surface, then remove the suppressor housing by lifting straight up to expose the baffle stack.



4. Identify different baffles.



5. Identify Blast baffle.



## Reassembly & Baffle Stacking Order

To reassemble your suppressor: Stack the baffles in the order shown below on to a flat surface. Take the suppressor housing and slide its muzzle end down over your baffle stack. Slide the suppressor off the flat surface and place your hand under the muzzle end of the suppressor to secure the baffle stack in the suppressor housing. Turn the suppressor 90 degrees. Reattach end cap.





## Installing Suppressor on Barrel

Make sure to check the bore of the suppressor to confirm that it is free of obstructions.

To install: Screw the suppressor onto the threads until you feel it bottom out and it is snug on the barrel. The suppressor is now properly seated.

## Warranty Information

**Damaged Suppressor:** This or any suppressor may not properly operate and create significant risk of injury or death if damaged or obstructed. Any and all such damage should be reported to an Armor familiar with this suppressor and the weapon system or it should be returned with the RA to GSL Technology, Inc. For more information, contact GSL Technology, Inc. at: [warranty@gsltechnology.com](mailto:warranty@gsltechnology.com).

## Manufacturer's Disclaimer

GSL Technology, Inc. manufactures all suppressors the highest quality and technical standards in the industry. However, improper usage by any end-user by this product may result in serious injury to the user or third parties. Therefore, it is the user's responsibility to understand this product and the weapon system used therewith. If you do not understand the instructions in this manual, please contact GSL Technology for further clarification at <http://www.gsltechnology.com>. GSL Technology, Inc. shall have no liability for incidental or consequential damages and under no circumstances be liable for personal injury, death, property damage, environmental damage or economic losses of any type caused by the misuse of this product or negligence on the part of the user. To the extent allowed by law, all liability from act or omission from improper usage of this suppressor is disclaimed. The warranty and disclaimer in this manual for the suppressor is subject to all laws which may limit these terms. To the extent allowed by law, the purchase of this product places an affirmative duty on any distributor, retailer or user to transmit this manual with the suppressor.

For the latest, most complete version of this manual, please visit <http://www.gsltechnology.com>.

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**QUESTIONS?  
CONTACT US.**

Jackson, Michigan  
517-780-9090

**GSL Technology, Inc.  
Suppressors are proudly  
made in the United  
States of America.**

