



# **RXD910Ti**

9MM OPTIMIZED • 10MM CAPABLE TITANIUM SUPPRESSOR

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**OWNER'S MANUAL**



## WELCOME TO DEAD AIR SILENCERS

Thank you for purchasing our products and supporting the Second Amendment.

Dead Air Silencers was co-founded by one of the industry’s true icons, Mike Pappas, and is supported through distribution and manufacturing by our industry partners. The goal of our company is simply to make the best firearm sound suppressors on the market. Every suppressor is manufactured in the U.S.A. by American craftsmen utilizing the finest materials. As Mike says, “We wouldn’t have it any other way.

We want the best products, made by Americans for Americans.” That said, it’s our customers that make our products possible and we appreciate each and every one of you that have supported us.

We place an absolute premium on customer service. We demand that our customers receive prompt and rewarding care and support. Feel free to contact us at 801-857-4232 or info@DeadAirSilencers.com with any questions or concerns you may have. Once again, thank you for your support.



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## RXD SUPPRESSORS

Dead Air Silencers and Ruger Firearms are two of the most respected names in the shooting sports industry. These great brands came together to offer an entirely new and exciting product line: RXD Suppressors. Dead Air developed this line of performance-driven suppressors and accessories to complement Ruger’s innovative firearms designs. RXD products are not reskins - they represent a new standard for suppressor design, performance, and maintainability.



### ALWAYS ADHERE TO THE FOUR PRIMARY RULES OF FIREARM SAFETY:

1. ALWAYS KEEP FIREARM POINTED IN A SAFE DIRECTION
2. TREAT ALL GUNS AS THOUGH THEY ARE LOADED
3. KEEP YOUR FINGER OFF THE TRIGGER UNTIL YOU ARE READY TO SHOOT
4. ALWAYS BE SURE OF YOUR TARGET AND WHAT’S BEYOND IT



**FIREARMS ARE DANGEROUS! REVIEW THIS OWNER’S MANUAL IN FULL BEFORE USING YOUR SUPPRESSOR. FAILURE TO FOLLOW THE INSTRUCTIONS LISTED BELOW COULD RESULT IN DAMAGE TO YOUR FIREARM AND/OR SERIOUS PERSONAL INJURY OR DEATH. DO NOT ATTEMPT TO USE YOUR FIREARM AND/OR SUPPRESSOR UNTIL YOU HAVE THE PROPER TRAINING TO DO SO.**

## 1. PRODUCT OVERVIEW

The RXD910Ti harnesses the technology of the acclaimed and patented Triskelion® baffle system, making it an incredibly quiet 9mm optimized silencer that also reduces the noise associated with shooting 10mm pistol cartridges. Dead Air uses the power of additive manufacturing to deliver a unique silencer that yields exceptional sound reduction for both 9mm and 10mm-sized projectiles with reduced backpressure and recoil.

Caliber compatible Ruger firearms include the Ruger-5.7®, RXM®, PC Carbine™, LC Carbine™, Ruger American® Gen II, and Marlin® Model 1894™.

### SOUND PERFORMANCE

Firearm	Caliber	Barrel Length	Ammunition	dB @ Muzzle	dB @ Ear
Ruger RXM®	9x19mm	4.7"	Hornady Subsonic	134	132
Ruger PC Carbine™	9x19mm	16.12"	Hornady Subsonic	127	135
Ruger LC Carbine™	10mm	16.25"	Hornady Backcountry Defense	135	135
Marlin® Model 1894™	10mm	16.17"	Hornady 180gr XTP	138	132

Note: While rated for semiautomatic use with 5.7x28 ammunition, some platform and ammunition combinations may result in poor performance and/or damage to your suppressor. As with all calibers, always ensure that the suppressor and the bore of the barrel are concentric to each other prior to use. If you experience keyholing or observe evidence of a projectile contacting the suppressor, cease using that combination of host firearm and ammunition type immediately.

A note on our sound testing:

At Dead Air Silencers, we take pride in the innovative and scientific processes we use to design our products. Part of improving a product is measuring performance, and you can't improve what you can't accurately measure.

While we test across the sound spectrum for frequency and "perceived" sound, we also test for peak sound pressure in decibels (dB) at various locations. We're keenly interested in balancing at-ear and muzzle results for the best possible shooting experience.

Our published sound testing is performed in accordance with MIL-STD-1474E, which doesn't exactly provide the best indicator of how something sounds, but it does provide a very conservative and consistent muzzle sound level that can be reliably compared to previous results or known baselines. Our particular system provides very conservative results that you can rely on as accurate and representative of what can be experienced with our products.

Other manufacturers may move the microphone to other locations to provide more favorable readings, such as back behind the muzzle of the suppressor or only at the ear of the shooter. Some even rely on dealer/media sources to measure using systems that typically provide very favorable results. To keep all of this data in context as an end user, you should know this typically results in a bias of several decibels.

Our stated results are from our engineering group, not our marketing group.

Test Equipment Hottinger Brüel & Kjær Impulse Noise Evaluation Kit, <https://www.bksv.com/en/instruments/daq-data-acquisition/analyzer-system/impulse-noise-evaluation-system>

## 2. GENERAL CONSIDERATIONS

**Concentricity:** To reduce the risk of a baffle strike, it is important to ensure that your barrel threads are aligned concentrically with the bore axis of your host firearm's barrel. If you do not have the tools to verify concentricity, it is strongly recommended that you have a competent gunsmith verify it prior to using your RXD910Ti. Specialized alignment rods can also be purchased at DeadAirSilencers.com.

**Ammunition:** Ammunition type can significantly impact how your new suppressor functions and performs. Use high quality factory-new ammunition in your firearm.

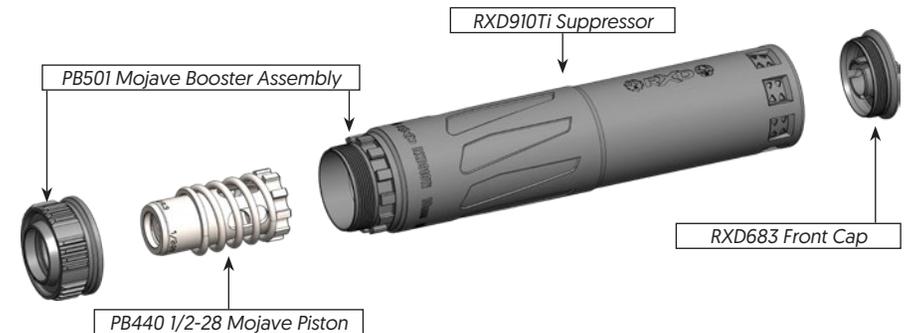
**Barrel Length:** Suppressors are rated for specific cartridges and barrel lengths. Shorter barrels and/or faster cyclic rates of fire erode suppressor baffles faster. Shorter barrels can also affect acoustic performance.



**CHECK YOUR FIREARM'S CHAMBER AND MAKE CERTAIN THAT THE FIREARM IS UNLOADED AND THE MAGAZINE REMOVED BEFORE PROCEEDING ANY FURTHER. IF THERE IS ANY QUESTION OR DOUBT, CONSULT THE OWNER'S MANUAL APPLICABLE TO YOUR FIREARM AS TO THE PROPER PROCEDURE FOR CLEARING AND/OR UNLOADING YOUR FIREARM.**

## 3. GET TO KNOW YOUR RXD910Ti

### MODULARITY



## 4. INSTALLATION NOTES

When discussing directionality during assembly, “back” will always be toward the host firearm, “front” will always be away. For example, the piston that connects to the barrel goes in the back of the suppressor, and the front cap threads into the front.

Your RXD910Ti comes with a PB440 1/2-28 TPI piston preinstalled, which is compatible with all Ruger firearms that have a 1/2-28 thread pitch within the specified caliber rating. The Dead Air PB440 Piston is specially designed to work with the RXD910Ti. Use only Dead Air Mojave series pistons with your RXD910Ti.



**THE RXD910Ti IS RATED FOR 5.7X28, 9X19MM, .38 SPECIAL, .357 MAG, 10MM AUTO, .300 BLACKOUT, AND 400 LEGEND.**



**FAILURE TO PROPERLY INSTALL YOUR SUPPRESSOR COULD RESULT IN DAMAGE TO THE SUPPRESSOR, THE HOST FIREARM, SERIOUS INJURY AND/OR DEATH.**



**OUR PRODUCTS ARE CALIBER SPECIFIC. UNLESS STATED OTHERWISE ON THE SUPPRESSOR ITSELF OR ON THE PACKAGING, THE SUPPRESSOR WILL NOT FUNCTION SAFELY WITH ANY PROJECTILE LARGER THAN WHAT IS SPECIFIED OR CARTRIDGES WITH PRESSURES HIGHER THAN .300 BLACKOUT, 10MM AUTO, OR 400 LEGEND. USE OF YOUR SUPPRESSOR OUTSIDE OF ITS INTENDED SCOPE COULD RESULT IN DAMAGE TO YOUR FIREARM, DAMAGE TO PROPERTY, BODILY INJURY, OR DEATH.**

*Note: If the mount loosens on your firearm due to the suppressor experiencing high heat cycles, decrease the threads and use a high temperature thread locker on the barrel threads.*

*Note: Many high-strength thread lockers require high heat for removal. Dead Air recommends using a medium-strength, high temperature thread locker like Vibra-Tite 123 for average operating conditions.*

## 5. SUPPRESSOR INSTALLATION AND REMOVAL

The RXD910Ti ships ready for installation onto your firearm. Ensure the firearm is unloaded before conducting any maintenance or threading the RXD910Ti onto your firearm. Ensure the thread protector on your firearm has been removed, remove any O-rings or crush washers and ensure the threads on both the firearm and Piston are clean and free of any debris.

### INSTALLATION:

Ensure your firearm is fully unloaded and pointed in a safe direction.

Align the piston with the threads on your firearm and rotate the suppressor onto the barrel with a right-hand motion [as shown below] until the rear of the piston seats against the shoulder of the barrel. Throughout your shooting session, check periodically to ensure your suppressor did not loosen from your barrel. Use a glove, strap wrench, or tool to retighten the suppressor onto the barrel before firing again. Applying a small amount of Vibra-Tite 123 can help reduce vibration and prevent the suppressor from loosening.



*Note: Multiple mounting methods to attach the RXD910Ti on a fixed barrel firearm include the Xeno, KeyMicro, 3-Lug, P-Series Fixed Mount and Fixed Barrel Spacer.*

*To use the RXD910Ti on a firearm with a fixed barrel, you will need to purchase the corresponding adapter and muzzle device or the correct fixed mount. If you intend to use the supplied PB440 Piston on a fixed barrel, you will need to purchase the PB139 Mojave Fixed Barrel Spacer.*



**THE SUPPRESSOR MAY BECOME EXTREMELY HOT AFTER USE. NEVER GRAB A HOT SUPPRESSOR AS IT CAN RESULT IN BURNS AND INJURY.**

### REMOVAL:

Ensure your firearm is fully unloaded and pointed in a safe direction.

To remove the suppressor, grip the suppressor in the rear near the piston housing and rotate the entire suppressor with a left-hand motion [as shown below] until the suppressor is completely unthreaded.

Reinstall your barrel thread protector to prevent damage to your barrel threads.

Any questions concerning the performance or care of your suppressor should be directed to our Customer Service Department at 801-857-4232 or [info@deadairsilencers.com](mailto:info@deadairsilencers.com).



## 6. FRONT CAP INSTALLATION AND REMOVAL

The RXD910Ti comes with the 9mm-10mm front cap pre-installed at 35 inch-pounds. During normal use, it is not required to be removed.

In the event of cleaning, the front cap can be removed by using the supplied tool or by using an 11/16" socket or wrench.

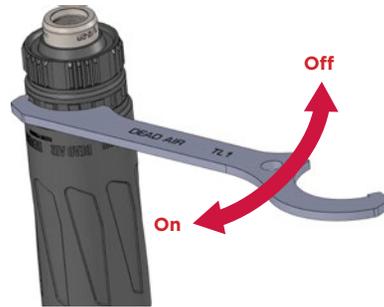
The threads on the front cap are right-hand threads and can be removed by turning it counterclockwise [as shown below].



## 7. BOOSTER DISASSEMBLY AND REASSEMBLY

### DISASSEMBLING THE BOOSTER

To begin disassembling the booster, rotate the booster housing counterclockwise from the suppressor body until the entire housing is separated from the main body. If the housing is difficult to remove, use the small end of the supplied TL tool to engage the square features of the housing, as shown in the illustration. While holding the suppressor firmly (or using a strap wrench, as necessary), continue rotating the housing in a counterclockwise direction until it is free.



### REMOVING THE SPRING RETAINER, PISTON, AND SPRING

Next, rotate the spring retainer in a counterclockwise motion until it is removed from the piston housing. Please note that the spring retainer is under slight spring tension, so maintain constant pressure on it during removal. After the spring retainer has been taken off, you can pull out the piston and spring for cleaning, inspection, or replacement as needed.

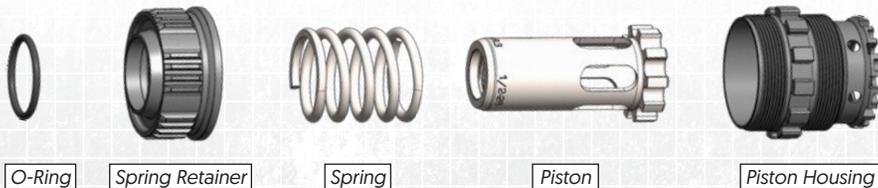


### REASSEMBLING THE BOOSTER

When reassembling, first ensure that the o-ring is properly installed in the spring retainer. Insert the piston into the piston housing as indicated in the illustration below. Slide the spring over the piston, then position the spring retainer over the piston. While applying slight downward pressure, rotate the spring retainer onto the piston housing. Tighten the retainer until it is fully seated against the piston housing.

Once the piston assembly is complete, reinstall the assembled piston housing into the suppressor body. Use the supplied TL tool to snug the piston housing down securely.

Any questions concerning the performance or care of your suppressor should be directed to our Customer Service Department at 801-857-4232 or [info@deadairsilencers.com](mailto:info@deadairsilencers.com).



## 8. INSPECTION UPON ASSEMBLY

All components should fit snugly with no gaps or rattling. If any component is not fully tightened, check threads for damage or debris. Clean both mating parts as necessary and repeat the tightening step.

Any questions concerning the performance or care of your suppressor should be directed to our Customer Service Department at 801-857-4232 or [info@deadairsilencers.com](mailto:info@deadairsilencers.com).



**IF THE PISTON DOES NOT SMOOTHLY THREAD ONTO YOUR FIREARM, STOP THE INSTALLATION PROCESS AND CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 801-857-4232 OR [INFO@DEADAIRSILENCERS.COM](mailto:info@deadairsilencers.com).**



**FAILURE TO PROPERLY ASSEMBLE AND INSTALL YOUR SUPPRESSOR COULD RESULT IN DAMAGE TO THE SUPPRESSOR, THE HOST FIREARM, SERIOUS INJURY AND/OR DEATH.**



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## 9. SUPPRESSOR CLEANING AND MAINTENANCE

### STEP ONE: DISASSEMBLY AND PREPARATION

Ensure the suppressor is not mounted to a firearm. If it is, ensure the firearm is unloaded before attempting to remove the suppressor.

Ensure the suppressor and firearm are at ambient temperatures before conducting any maintenance on the suppressor or firearm.

Wear eye and skin protection during all cleaning and/or maintenance operations.

### STEP TWO: PISTON, BOOSTER HOUSING, FRONT CAP AND SUPPRESSOR CONTROL SURFACES

Ensure control surfaces such as threads, taper surfaces, and all mating surfaces are clean and free of any debris. If debris or build-up is present, use a nylon or brass brush and cleaning oil to lightly brush the surfaces until the build-up or debris is removed. Ensure the spring and piston are both clean and free of any large build-up. Apply a light coating of oil between the spring and the piston.

When finished, use a shop or paper towel to wipe off any excess debris or oil.

### STEP THREE: MAIN SUPPRESSOR BODY CLEANING

To clean the internal body of the suppressor, end users are encouraged to use any commercially available non-toxic, water-soluble, biodegradable cleaning solutions and methods.

To enhance cleaning of the internal surfaces and geometry, an ultrasonic tank WITHOUT HEAT AND/OR CORROSIVE CHEMICALS may be used on any materials such as titanium, steel, or Haynes® 282®.

*Note: Chemicals alone or in addition to an ultra-sonic process can lead to discoloration of coated or painted surfaces. Coating or paint discoloration will not compromise the suppressor warranty.*



**NEVER USE ULTRA-SONIC TANKS FOR ALUMINUM PARTS SUCH AS THE RXD910TI FRONT CAP.**



**CLEANING YOUR SUPPRESSOR OR COMPONENTS WITH CHEMICALS OTHER THAN NON-TOXIC, WATER SOLUBLE, AND BIODEGRADABLE CLEANING SOLUTIONS AND/OR CHEMICALS WHICH CAN DISSOLVE METAL, WILL RESULT IN A LOSS OF WARRANTY.**



**YOU WILL BE SUBJECT TO ANY COSTS RELATED OR LEADING TO REPAIR OF THE PRODUCT, IF IT IS DETERMINED THAT THE PRODUCT IS NO LONGER SERVICEABLE DUE TO CHEMICAL EROSION OF CRITICAL SURFACES, STRUCTURES, AND/OR COMPONENTS.**



**THE PERSON CONDUCTING THE CLEANING IS SOLELY RESPONSIBLE FOR THE PROPER DISPOSAL OF THE CLEANING SOLUTION AND/OR ANY POST SUPPRESSOR CLEANING SOLUTION THAT MAY OR MAY NOT CONTAIN HEAVY METALS.**

## 10. DISCLAIMER

Dead Air Silencers is not responsible for damages or injuries due to misuse or unintended use of its products. This product is potentially dangerous and, as such, adequate safety precautions must be taken to avoid damage to your firearm, damage to third parties, bodily injury or death. Please consult our website for further details at: [www.DeadAirSilencers.com](http://www.DeadAirSilencers.com) or call 801-857-4232.

## 11. WARRANTY

We provide a conditional lifetime warranty against all manufacturing defects and damages caused by the normal use of this product. Dead Air Silencers will repair or replace free of charge any suppressor manufactured by, or at the direction of, Dead Air Silencers. The product is sold "as is" with no further implied contractual rights or warranties beyond those expressly stated herein.

The warranty does not apply to certain conditions or acts. It is at the sole discretion and determination of Dead Air Silencers if a particular defect or condition is covered by this warranty. Conditions not covered include, but are not limited to, modifications, abuse, neglect, use of defective ammunition, use of improperly sized ammunition, and/or criminal conduct. Dead Air Silencers assumes no liability for damages or bodily injury caused by such acts or omissions as previously described. Abuse and neglect are defined as usage outside of the reasonable scope for which the product is intended, thus contributing to the accelerated and unreasonable premature wear of the suppressor itself.

If a repair is required, you must contact our Customer Service Department at 801-857-4232 or [info@deadairsilencers.com](mailto:info@deadairsilencers.com). A Dead Air Silencers representative will arrange for the return of the suppressor.

**DO NOT SHIP THE SUPPRESSOR FOR REPAIR WITHOUT FIRST CONTACTING CUSTOMER SERVICE AND DO NOT SHIP IN ANY EVENT WITHOUT A COPY OF THE APPROVED BATF FORM.**

When you ship the suppressor back to us, please include a detailed statement concerning the type of defect or malfunction encountered and describe the ammunition used and type of host firearm the product was used on or attached to.

If for any reason your suppressor is not eligible for repair or replacement, you may purchase a replacement suppressor for 50% off the MSRP for a same or similar suppressor. Please contact our Customer Service Department for further details and requirements.

## 12. LAWFUL USE AND POSSESSION

Your new suppressor is an NFA firearm and is not legal to own or possess in certain jurisdictions. Dead Air Silencers does not offer any express or implied promises or affirmations concerning the use, possession, or ownership of your suppressor. If you have any questions concerning the ownership, possession, or use of your suppressor contact the chief local law enforcement officer in the jurisdiction in which you reside or your local BATF office for further information concerning the ownership, use, and possession of NFA controlled firearms.



**ALWAYS MAINTAIN A COPY OF THE APPLICABLE BATF DOCUMENTS TO YOUR SUPPRESSOR WITH THE SUPPRESSOR ITSELF WHENEVER TRANSPORTING OR USING YOUR SUPPRESSOR. FAILURE TO DO SO COULD RESULT IN CONFUSION, PROSECUTION, OR CONFISCATION OF YOUR NFA CONTROLLED FIREARMS.**

## 13. CONTACT INFORMATION

You can contact us directly by telephone at 801-857-4232, or visit our website at [www.DeadAirSilencers.com](http://www.DeadAirSilencers.com).

Thank you once again for supporting our products and feel free to contact us with any inquiries or concerns that you might have.



**RXD SUPPRESSORS**



RUGER®

DEAD AIR



# **RXD SUPPRESSORS**

Designed & Manufactured by Dead Air Silencers® under license from Sturm, Ruger & Co., Inc.



**⚠ Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For other information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

