

TM22 USER MANUAL

ENJOY YOUR RIFLE

THANK YOU FOR CHOOSING A DERYA PRODUCT ** THIS BOOKLET WILL GUIDE YOU THROUGH HANDLING YOUR RIFLE SAFELY



PLEASE NOTE: CHANGES MAY BE MADE WITHOUT NOTICE

Your rifle features an innovative and unique design. With regular care and cleaning, your rifle will serve you for a life time. The rifle was manufactured by DERYA from high quality raw materials and with high-tech CNC machines in our factory.

Please read and understand all the directions and instructions in this Manual to guarantee the best performance and a safe shooting experience. Maintain your rifle properly in accordance with these instructions so it will remain safe, and performs properly.

Always remember that you are using a rifle; always follow all safety rules and be aware that it is your responsibility to share your knowledge, and educate others in the safe use of this rifle.

Before firing a cartridge, learn the parts of your rifle and understand how it operates. Please read this manual carefully and enjoy your rifle safely.

MAINTENANCE INSTRUCTIONS:

1) NEVER MAKE CHANGES OR ALTERATIONS TO YOUR Rifle

This rifle was built to a proven and tested design, and manufactured with care. It must NEVER be altered or changed. Changing or altering any part of your rifle may result in serious injuries to you or others, and is NOT RECOMMENDED by the manufacturer. Any changes made to the rifle or use of non-factory parts voids the factory warranty.

2) PROPER CARE AND STORAGE

Regular care and cleaning of your rifle is key to its proper functionality and reliability. ALWAYS make sure that the rifle is UNLOADED before you leave the range and check it again before you start the cleaning process.

THE RESPONSIBILITIES OF THE USER

The laws of your country give you the right to possess a hunting rifle. Appreciate and enjoy your rights with care. Be aware that, as an owner of a rifle, you are responsible for ensuring your own safety and that of your shooting partners, observers, and the environment.



DISCLAIMER

This rifle is classified as a rifle or dangerous weapon. It is expressly understood that we assume no liability for its resale or unsafe handling under local laws and regulations. Derya assumes no responsibility for physical injury or property damage resulting from either intentional or accidental discharge, or for the function of the rifle subjected to influence beyond their control. Derya will honor no claims which may result from careless handling, unauthorized adjustments, defective or improper ammunition, corrosion or neglect. Examine your rifle carefully at the time of purchase. It should be forwarded immediately to the factory or its sales agent if any adjustment of any kind is required.



DERYA DOES NOT ACCEPT ANY RESPONSIBILITIES FOR DAMAGE DUE TO THE FOLLOWING CAUSES

- 1) INCORRECT OR IRRESPONSIBLE USE OF THE RIFLE
- 2) USE OF INCORRECT CALIBER AMMUNITION OR RELOADED, DAMAGED OR INPROPER CARTRIDGES
- 3) INSUFFICIENT AND/OR INCORRECT MAINTENANCE OR CLEANING WHICH CAUSES TO DAMAGE OR WEAR
- 4) SALE CONTRARY TO APPLICABLE LAWS AND REGULATIONS
- **5)** CHANGING OR CONVERSION OF THE RIFLE'S ORIGINAL DESIGN, OPERATING MECHANISM, BARREL, MAIN SPRING, ACCESSORIES, MAGAZINES OR MECHANICALS
- 6) CARELESS, DANGEROUS OR CRIMINAL USE
- **7)** USING THE RIFLE WITHOUT FIRST READING, UNDERSTANDING AND FOLLOWING ALL SAFETY RULES
- **8)** ANY OTHER USE OR ACTION THAT IS BEYOND THE DIRECT CONTROL OF THE MANUFACTURER
- 9) WEAR PROTECTIVE SHOOTING GLASSES, ADEQUATE EAR PROTECTION AND GLOVES WHEN SHOOTING

IMPORTANT WARNING

- 1) Read the instructions booklet completely before using your rifle.
- **2)** Always be aware of the handling and functional characteristics of your rifles.
- 3) Always unload your rifle when not in use (remove all cartridges).

When stored or not in use, rifles should always be unloaded and move the safety lever to the WHITE position to block the trigger of your rifle.

Always remove all cartridges and inspect the chamber to ensure your rifle is unloaded.

- 1) After shooting.
- 2) Before racking or after picking up the rifle.
- 3) Before putting the gun into its case.
- 4) Any time you are not using your rifle.
- 5) Before handing your gun to anyone else.
- **4)** ALWAYS KEEP YOUR RIFLE POINTED IN A SAFE DIRECTION. This ensures you do not injure yourself or anyone else.
- 5) ALWAYS STORE YOUR RIFLE OUT OF REACH OF CHILDREN OR OTHER UNAUTHORIZED PEOPLE.

There are many ways of keeping your rifles locked and stored safely and securely. Always secure your rifle in accordance with applicable laws in your area and always unload and then lock the rifle when not in use or whenever it will be unattended.



- **6)** ALWAYS OBEY ALL LAWS REGARDING OWNERSHIP, TRANSPORT, AND SHOOTING YOUR RIFLE. Never point your rifle at a person. Do not harm any person or damage any public property.
- 7) IF YOUR RIFLE DOES NOT FIRE AFTER PULLING THE TRIGGER: STOP, WAIT A MINUTE, AND USE EXTRA CAUTION WHEN OPENING THE BOLT. If your rifle did not fire after pulling the trigger STOP! Keep the rifle pointed in a safe direction, apply the safety by moving the safety lever to the white position. Wait 60 seconds. Carefully open the bolt by pulling the cocking handle and eject the ammunition in a safe direction. Always remember when you experience a misfire, your rifle is still loaded and could fire at any time (a "hang fire").
- **8)** ALWAYS TREAT YOUR RIFLE AS IF IT IS LOADED, EVEN WHEN THE SAFETY IS ON. Always keep your finger away from the trigger unless you are on target and prepared to shoot. Never forget that even with safety ON, you are responsible for the direction your rifle is pointing. Do not count on a mechanical device.
- **9)** This rifle was produced under the control and supervision of Derya Arms. The rifle must never be altered. Derya does not recommended the use of any spare parts or accessories and magazines other than those included in the original box or received from Derya. If you need magazines, spare parts or repair, contact our authorized distributor in your country or Derya Arms ONLY.

10) ENSURE THE BARREL IS NOT PLUGGED OR OBSTRUCTED BEFORE YOU LOAD YOUR GUN. The barrel should not have any residue from bore cleaning solvent or oil, or any other foreign material inside the bore, chamber or choke. If the barrel is blocked or otherwise obstructed, even partially, this may cause bulging and/or a breech explosion and/or a split barrel. If you feel a strange recoil or the report sounds unusually loud or soft STOP SHOOTING IMMEDIATELY and check the barrel for obstructions and bulges.

NEVER try to clear an obstruction in your barrel by firing another ammunition!

ANY PARTIAL OR COMPLETE BORE OBSTRUCTION can cause serious injury or death to the shooter or bystanders.

SERIAL NUMBER

The serial number is engraved on the rifle on several places. Every rifle has a unique number. This number is used for legal and warranty matters. Derya suggests that owners note and store the serial numbers of all of your rifles in a secure location away from the rifles.

KEEP THIS CARD FOR YOUR RECORDS ///

Serial Number	
Date Of Purchase	
Place Of Purchase	



STATE-BY-STATE WARNINGS



CALIFORNIA STATE WARNING

CHILDREN ARE ATTRACTED TO AND CAN OPERATE FIREARMS THAT CAN CAUSE SEVERE INJURIES OR DEATH. PREVENT CHILD ACCESS BY ALWAYS KEEPING FIREARMS LOCKED AWAY AND UNLOADED WHEN NOT IN USE. IF YOU KEEP A LOADED FIREARM WHERE A CHILD OBTAINS AND IMPROPERLY USES IT, YOU MAY BE FINED OR SENT TO PRISON. IT IS UNLAWFUL TO USE A MAGAZINE WITH A CAPACITY OVER 10 ROUNDS.



MASSACHUSETTS STATE WARNING

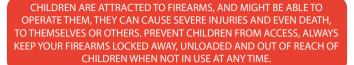
IT IS UNLAWFUL TO CARRY ANY MAGAZINE OR BELT WHICH HOLDS MORE THAN TEN ROUNDS, UNLESS AUTHORITY IS GRANTED BY THE BOSTON POLICE COMMISSIONER. IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, SHOTGUN OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER.



NEW YORK STATE WARNING

IT IS UNLAWFUL TO CARRY ANY MAGAZINE OR BELT WHICH HOLDS MORE THAN SEVEN ROUNDS, UNLESS AUTHORITY IS GRANTED BY THE STATE OF NEW YORK. THE USE OF ALOCKING DEVICEOR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE FOR INCREASED SAFETY, FIREARMS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARED FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND OTHER UNAUTHORIZED PERSONS.

SAFETY PRECAUTIONS



THE FIREARM SHOULD BE STORED IN ROOMS WITH A DRY ATMOSPHERE AND MINIMUM HUMIDITY. IT SHOULD NOT BE STORED ENCASED IN LEATHER OR ANYTHING THAT WILL ATTRACT AND HOLD MOISTURE, CAUSING IT TO RUST.

DO ALL PROCEDURES (DISASSEMBLY, CLEANING AND OTHER MAINTENANCE) ONLY WHEN THE FIREARM IS UNLOADED. BE SURE THAT THE MAGAZINE TUBE, RECEIVER AND CHAMBER ARE EMPTY WHILE YOU ARE PROCEEDING. CHECK EJECTION PORT, LOADING PORT AND CHAMBER VISUALLY.

WHEN STORING THE GUN FOR A PROLONGED PERIOD OF TIME, IT IS
NECESSARY TO OIL IT HEAVILY WITH AN ACID-FREE LUBRICANT. THE EXTERNAL
PARTS MUST BE COATED WITH AN ANTI-RUST OIL OR GREACE TO PREVENT
MOISTURE CAUSING THE PARTS TO RUST AND MALFUNCTION. BEFORE USAGE,
THE SHOTGUN MUST BE CLEANED AND WIPED DRY AGAIN.



DISASSEMBLY OF THE TM22

- 1) Remove the magazine. Check to see if the gun is loaded.
- **2)** Unscrew the forend and receiver screws by using an allen wrench.
- 3) Pull the forend to forward.

- **4)** Unscrew the barrel nut with a choke tube wrench.
- **5)** Remove the barrel nut by pulling in arrow direction.
- 6) Pull the barrel in arrow direction.
- **7)** Unscrew the charging handle screw with an allen wrench.
- **8)** Untighten the screws with an allen wrench.
- 9) Detach upper from lower.

- **10)** Remove the main stick and the main spring by pulling upward.
- **11)** Remove the bolt by pulling upward.
- **12)** To remove the stock support by turning in arrow direction.
- **13)** Unscrew the stock support by turning in arrow direction.





























ASSEMBLY OF THE TM22

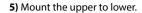
- 1) Screw the stock support by turning in arrow direction.
- 2) Screw the pivot nut and tighten it with a choke tube wrench.
- 3) Mount the bolt on the lower.
- 4) Push the main stick and the main spring forward by pressing down.











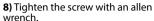
6) Tighten the screws with an allen wrench.

7) Put the charging handle back by giving attention to the channels.

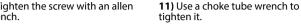




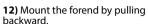




- 9) Pull the barrel backward and place the barrel pin and the extension on their housing.
- 10) Screw the barrel nut in arrow direction.







13) Screw the forend screws with an allen wrench.









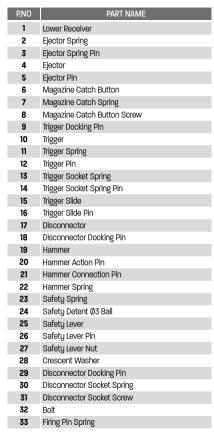








BASIC PARTS



P.NO	PART NAME
34	Firing Pin
35	Firing Pin Retainer
36	Left Extractor Spring
37	Right Extractor Spring
38	Right Extractor
38-1	Left Extractor
39	Extractor Pin
40	Main Spring Stick Socket
41	Recoil Spring
42	Main Stick
43	Top Cover
44	Top Cover Back Screw
45	Top Cover Front Screw
46	Charging Handle
47	Charging Handle Screw
48	20" Barrel
48-1	18" Barrel
48-2	16" Barrel
48-3	12" Barrel
49	Barrel Retaining Nut
50	Barrel Pin
51	Barrel Nut
52	Barrel Shroud Oring
53	Barrel Shroud
54	292 mm Forend
55	Forend Connection Part
56	Forend Connection Upper Part Screw
57	Forend Connection Lower Part Screw
58	Bolt Stopper
59	Stock Support Rubber
60	Stock Connector
61	Pivot Nut
62	Stock Support

P.NO	PART NAME
63	Stock
64	Stock Fixing Screw
65	Pistol Grip
66	Pistol Grip Connector Washer
67	Pistol Grip Custom Washer
68	Pistol Grip Screw
69	Pistol Grip Cap
70	Pistol Grip Cap Screw
71	10 rnd Magazine
72	Magazine Follower
73	Magazine Base Plate
74	Safety White Pin
45	Safety Red Pin
A1	508 mm Forend
A2	457 mm Forend
A3	292 mm Forend

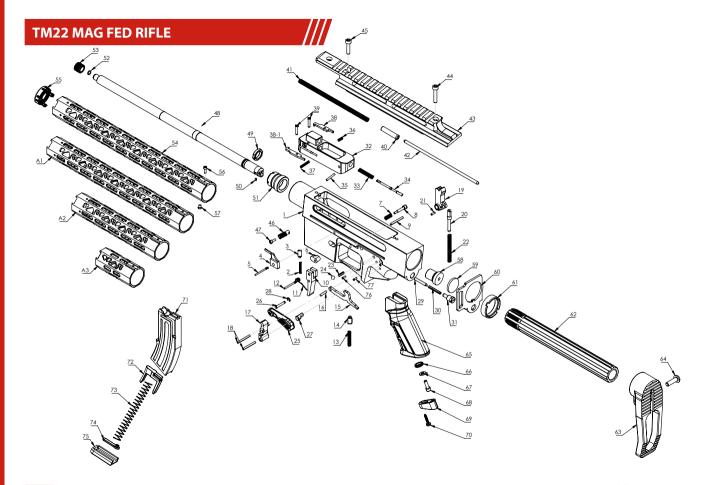
Note:

Some models will vary from exploded view.

There may be some changes on the user manual. Please use that code to download the latest version of manual.









DISASSEMBLY OF THE TM22 FEATHER

- 1) Remove the magazine. Check to see if the gun is loaded.
- 2) Unscrew the front sight screws by using an allen wrench.
- 3) Pull the front sight to forward.
- 4) Unscrew the forend nut by turning in arrow direction.
- 5) Pull the sling swivel and forend drop in to forward.
- 6) Unscrew the carry handle screw.

- 7) Pull the forend to forward.
- 8) Pull the carry handle to backward.
- 9) Unscrew the barrel nut with a choke tube wrench. Remove the barrel nut by pulling in arrow direction.
- 10) Pull the barrel in arrow direction.
- 11) Unscrew the charging handle screw with an allen wrench.
- 12) Untighten the screws with an allen wrench.

- 13) Detach upper from lower.
- 14) Remove the main stick and the main spring by pulling upward.
- 15) Remove the bolt by pulling upward.



























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ASSEMBLY OF THE TM22 FEATHER

- 1) Mount the bolt on the lower.
- **2)** Push the main stick and the main spring forward by pressing down.
- 3) Mount the upper to lower.
- **4)** Tighten the screws with an allen wrench.
- **5)** Put the charging handle back by giving attention to the channels. Tighten the screw with an allen wrench.
- **6)** Pull the barrel backward and place the barrel pin and the extension on their housing.
- 7) Screw the barrel nut in arrow direction. Use a choke tube wrench to tighten it.
- **8)** Pull and mount the carry handle to forward.
- **9)** Mount the forend by pulling backwards.

- **10)** Screw the carry handle screw.
- **11)** Pull the sling swivel and forend drop in to backward.
- **12)** Screw the forend nut by turning in arrow direction.
- **13)** Pull the front sight to backward.
- **14)** Screw the front sight screws by using an allen wrench.
- **15)** Now you can put the magazine but check if the gun is loaded.

























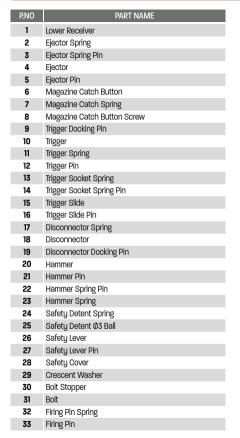








BASIC PARTS



P.NO	PART NAME
34	Firing Pin Retainer
35	Right Extractor Spring
36	Left Extractor Spring
37	Right Extractor
38	Left Extractor
39	Extractor Pin
40	Main Spring Stick Socket
41	Recoil Spring
42	Main Stick
43	Top Cover
44	Top Cover Screw
45	Top Cover Screw
46	Charging Handle
47	Charging Handle Screw
48	Barrel Nut
49	18" Barrel
50	Chamber Nut
51	Barrel Pin
52	Barrel Shroud Oring
53	Universal Barrel Nut
54	Upper Forend
55	Lower Forend
56	Sling Swivel
57	Forend Drop In
58	Forend Nut
59	Front Sight
60	Stock Connector
61	Stock
62	Pistol Grip
63	Pistol Grip Custom Washer
64	Serrated Washer
65	Pistol Grip Screw
66	Pistol Grip Cap

P.NO	PART NAME
67	Pistol Grip Cap Screw
68	Pistol Grip Cap Screw Nut
69	Safety White Pin
70	Safety Red Pin
71	Carry Handle
72	Magazine Body 10rd
73	Magazine Follower
74	Magazine Spring
75	Magazine Base Plate Lock
76	Magazine Base Plate
B1	Flash Model Forend
B2	Flash Model Top Cover
В3	Flash Model Top Cover Screw

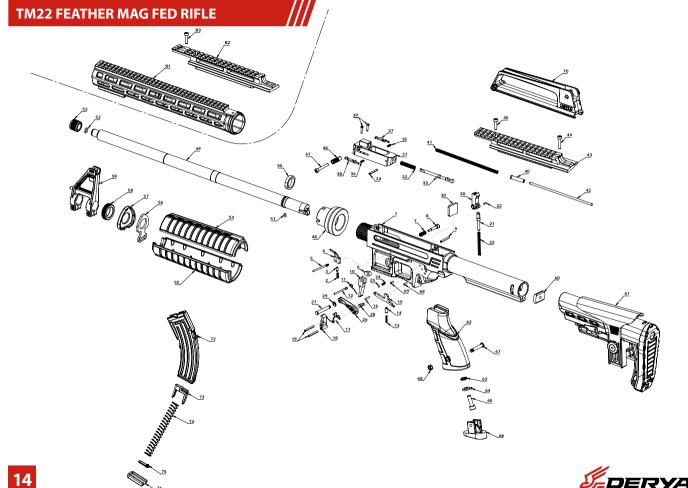
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DISASSEMBLY OF THE TM22 STANDARD

- 1) Ensure the magazine is detached from the firearm.
- 2) Using a 5mm Allen key, remove the screw located under the handguard.
- 3) Gently separate the lower receiver from the upper receiver.









- 4) Using a 3mm Allen key, remove the front screw located under the upper receiver.
- **5)** Using a 3mm Allen key, remove the rear screw located under the upper receiver.
- 6) Pull the barrel in arrow direction.









- 8) Pull the Charging handle out from its slot.
- 9) Using a rubber mallet and a thin iron stick, gently tap out the rear pin from the upper receiver.







- 10) Slowly remove the cap from the upper receiver, allowing the spring to come out.
- 11) Remove the bolt from the upper receiver.
- 12) Proceed to clean and lubricate the parts as shown in the image.







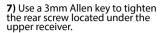


ASSEMBLY OF THE TM22 STANDARD

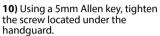
- 1) Place the bolt into the upper receiver.
- **2)** Align the spring and its cap in sequence.
- **3)** Using a rubber mallet, gently tap the rear pin back into place.



- **5)** Use a 3mm Allen key to tighten the Charging Handle screw.
- **6)** Place the trigger group into position.



- **8)** Use a 3mm Allen key to tighten the front screw under the upper receiver.
- **9)** Attach the lower receiver to the upper receiver.





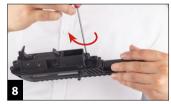




















HOW TO SWITCH YOUR CHARGING HANDLE TO THE OPPOSITE SIDE

- **SAFETY GUIDE**

- 1) Use a 3mm Allen key to unscrew the Charging Handle screw.
- **2)** Remove the Charging handle, then screw it into the corresponding slot on the opposite side.



- 1) The "safety" in the on safe position.
- 2) The "safety" in the off safe position.



AFTER MARKET

10, 15, and 25-round magazines are available. Please contact your distributor for more information.







BASIC PARTS



	
P.NO	PART NAME
34	Sight Pin
35	Sight Spring
36	Rear Sight Spring Setscrew
37	Bolt
38	Right Extractor Spring
39	Right Extractor
40	Extractor Pin
41	Left Extractor Spring
42	Left Extractor
43	Extractor Pin
44	Firing Pin Spring
45	Firing Pin
46	Firing Pin Reteaning Pin
47	Bolt Pin
48	Bolt Screw
49	Charging Handle
50	Charging Handle Screw
51	Recoil Spring Pin
52	Recoil Spring
53	Recoil Spring Docking
54	Recoil Spring Pin & Rear Sight Pin
55	Rubber
56	18" Barrel
57	Barrel Centering Pin
58	Plastic Front Sight Receiver
59	Front Sight Set Setscrew
60	Front Sight Spring
61	Front Sight
62	Front Sight & Trigger Insert Pin
63	Barrel Pin
64	Trigger Group Assemble Nut M4
65	Trigger Group Assemble Nut M4
66	Stock Assemble Nut M6

P.NO	PART NAME
67	Trigger Group Assemble Screw
68	Trigger Group Assemble Screw
69	Lower Receicer Assamble Screw
70	Recoil Pad
71	Stock Screw
72	Front Pkatin Cover
73	Grip Cover
74	Magazine
75	Magazine Follower
76	Magazine Spring
77	Magazine Base Plate Lock
78	Magazine Base Plate

Note:

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TM22 STANDARD MAG FED RIFLE

Visit our website to browse, learn more about and purchase parts for all of your Derya products.



www.derya.us





DERYA ARMS



DeryaArms



deryaarms



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LIMITED LIFETIME WARRANTY

South Derya Corporation dba Derya warrants that the enclosed firearm was originally manufactured free of defects in material, workmanship and mechanical function. For the lifetime of the original owner, Derya agrees to correct at its own expense any defect in a Derya Firearm for the original purchaser by means of adjustment, repair or replacement, as appropriate in Derya's sole discretion.

What and who is covered by this limited warranty?

This Limited Lifetime Warranty issued by South Derya Corporation dba Derya covers defects in material and workmanship for the original purchaser. This warranty is non-transferable and applies only to the original purchaser. The warranty includes repair, adjustment, or replacement of the firearm, at the manufacturer's discretion, with the same or comparable quality components, or replacement of the firearm itself.

What is not covered by this limited warranty?

This warranty is void if the firearm is: Misused, damaged accidentally or otherwise, or fired with hand-loaded, reloaded, or improper ammunition, Fired with an obstruction in the barrel or damaged due to failure to follow maintenance instructions provided in the manual, Altered or repaired by unauthorized personnel, including any cosmetic modifications, accessory items attached to the firearm are not covered, Damage to decorative finishes or any aftermarket modifications is not covered, and normal wear and tear is not included under this warranty.

What to do for warranty service?

To initiate a warranty claim, obtain a Return Merchandise Authorization (RMA) by contacting customer service by phone at 904-420-2923 or by visiting www.derya.us. Return the unloaded firearm, freight prepaid, to the address provided by customer service. Derya will provide free of charge a repaired, reconditioned, or new firearm (at Derya discretion).

Disclaimer and Limitation on Liability:

This Limited Warranty supersedes any and all express warranties. Implied warranties, including those of merchantability, non-infringement, and fitness for a particular purpose, are limited to the duration of this warranty period (the original purchaser's ownership of the product). No express or implied warranties will extend beyond this period.

Certain states do not permit limitations on the duration of implied warranties, so these limitations may not apply to you. Derya's responsibility for any product malfunctions or defects is strictly limited to the terms outlined in this Limited Warranty. This Limited Warranty represents Derya's sole obligation and your exclusive remedy. Under no circumstances will Derya be liable for incidental, special, or consequential damages, whether your claims arise from breach of contract, tort (including negligence and strict liability), or other legal theories. This includes, but is not limited to, any liability for economic loss, bodily injury, property damage, or any other damages resulting from the use or ownership of the product, whether foreseeable or not. Some states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

No individual or entity is authorized to issue any additional warranty or assume any further obligations on behalf of Derya. If any part of this Limited Warranty is found to be prohibited or unenforceable in any jurisdiction, it will only affect that specific part, and the remainder of the warranty will remain valid and enforceable.

Jurisdiction and Governing Law: This Limited Warranty will be governed by and interpreted in accordance with the laws of the State of Florida, without regard to its conflict of law principles. Any disputes between the manufacturer and you, or your heirs, representatives, or assigns, must be filed in a court of competent jurisdiction within the 4th Judicial Circuit Court of the State of Florida. You agree to submit to the personal jurisdiction and venue of the Florida

ACTIVATE YOUR WARRANTY ONLINE AT: www.derya.us

Receive a discount code for our store when you submit warrant activation. If proof of purchase is not submitted with warranty activation, you will be asked to submit with warranty request.

International and Non-Commercial US: This warranty applies to U.S. commercial customers only. This warranty does not apply for Non-Commercial US Customers such as Military and Police. Non-U.S. customers should contact their local dealer or distributor for warranty coverage.









+1-904-420-2923



www.derya.us

