

Models 6182 RAD2 / 6184 RAD4 Rapid Access Defense Weapons Storage System

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SECTION 1 – PRODUCT OVERVIEW

Model 6184 RAD4

Thank you for purchasing a Caron Forensics RAD (Rapid Access Defense) weapons storage system! Our patented design enables convenient, safe, and readily available storage of weapons and related items. RAD is available in two sizes, the 24" RAD2 (6182) and 48" RAD4 (6184), both easily customized with a variety of options and accessories. The products are designed to be wall or surface mounted in either a vertical or horizontal orientation. When mounted vertically, you can choose to have the door swing open in either direction.



Location - RAD systems are designed to enable you to position defensive weapons in locations within your home, business, or agency in a way that you can safely secure them, yet gain access to them quickly in the event of an incident requiring you to defend yourself. If possible, install your RAD and its contents in a stealth location, such as high in a closet. Over the door inside a walk-in closet is ideal. While a well-hidden RAD is a good thing, you need a location from which you can quickly retrieve your weapons and position yourself nearby to defend yourself until help arrives. Those locations are often coincidentally bedroom or hall closets, and other storage rooms. Plan a location where your family will meet, which must also be a position you can defend in an emergency.

You need to decide whether to mount your RAD horizontally or vertically, which will usually be driven by the characteristics of the surface you have chosen, or whether your objectives include protecting your RAD from children. If you have children, mount it horizontally and high, yet reachable for you. There is an advantage to horizontal mounting in that you will be able to use the bottom lip to hold ammo magazines and other items. Examine and measure the surface you have chosen to be sure it is flat or can be shimmed, and that the door can be opened fully. Sometimes you will need to mount plywood to your wall to get a level surface, and then attach the RAD to the plywood.

Configuration – Plan your initial RAD configuration around the weapons you want in your hands during emergencies. The first decision is whether you will be using long weapons (shotguns or rifles), or smaller weapons (handguns, tasers, pepper spray, knives). You would typically select RAD 4 for rifle/shotgun use and RAD2 for handgun defense. Having said that, the RAD4 is an excellent choice if you intend to configure it for a long row of handguns! Once you decide what your RAD will contain, check the list of RAD accessories and select whatever you need to hold your chosen arsenal of weapons. Remember to plan where you will locate your weapons along the rails in your RAD such that they can be properly located and gripped as soon as the RAD door is opened. You will be able to easily set up your RAD to optimize shooting left handed, which is especially important with handguns. One of the critical advantages of RAD systems is that you can determine, set up, and access your weapons from the exact orientations that enable you to get ready immediately. We recommend that you regularly practice accessing your RAD and its weapons so that it becomes instinctive.

SECTION 2 – INSTALLATION

Preparation:

-Tools Required - Level, Drill Driver, Drill Bits, screwdriver bits, stud finder, 2-1/4" or longer #10 screws for most stud/drywall installations.

-Select Location for the RAD.

Make sure door can be fully opened after installation. When mounting near ceiling, you will need a minimum of 7-1/2" from the top rail mounting slots to the ceiling. If vertical, decide if direction door will open

- Remove the accessories until mounting is completed.



What's in the Box?

- User's Manual
- RAD2 or RAD4 cabinet
- One CLIP104 Flashlight Holder
- One HLDR103 Magnetic Clip
- One HLDR101 Handgun Holder in RAD2 (with one CLP303) or
- One (pair) HLDR102 Rifle Holder Hooks in RAD4
- 2 Keys



Your key number is marked on the keys and on a sticker on the lock inside the RAD. Write the key number down and keep it in a safe location! We will need that number if you ever need a replacement key.

STEP 1

Locate and mark stud locations in the wall. Ideally you will try to screw the RAD to a wall into at least two studs, through both rails. If your surface is not level, or you want to add space to clear a molding around a door, you may first install plywood on the wall and then install the RAD on the plywood.



If you use plywood, make sure some of the screws attaching the plywood to the wall will be behind the RAD, making it safer from tampering.

STEP 2

For horizontal mounting, draw a level or plumb line where you will mount the RAD along one of the two rails. Mark the intersections of your level line and the stud locations. If you are mounting vertically, you will mark one line along the stud, and will need to mark another line parallel to that line 3-1/2" away. You should use alternative drywall mounts such as toggle bolts, to secure the rail not being screwed into the stud.



STEP 3

You may choose to attach the gas springs (one on RAD2, two on RAD4) either now, or after you mount it on the wall, but don't close the door once you have attached the spring(s) until you have mounted the RAD to a surface. To attach a gas spring, push the open socket on the black spring onto the metal ball socket on the door. For vertical installations, you should remove the bottom spring on a RAD 4 to avoid interference with rifle stocks. You may also opt to remove the top gas springs in vertical installations. If you ever need to remove a gas spring, pull up on the small black spring clip with a small screwdriver or needle nose.



STEP 4

Attach the RAD to the wall with one screw, check level, then attach the remaining screws. Use a minimum of four screws, two through each rail, into at least one stud, and use drywall anchors for additional support. RAD2 weighs 20 pounds empty and RAD4 weighs 40 pounds, plus you will need to support the weight of the items you store inside your RAD.

Get help if the RAD is too heavy for you to install alone. If you did not attach the gas spring(s) earlier, you will need to do so at this point. Attach the lanyard to the ring if you will be accessing your RAD using that technique, which is especially useful in high horizontal applications.



STEP 5

Rotate the Caron Forensics logo depending on the orientation of your installation. The nut on the inside of the lid can be loosened allowing you to rotate the logo, after which the nut should be retightened.



STEP 6

Test the functioning of the lid, the gas springs and the lock. Add accessories - Once the RAD is firmly attached to the wall, attach the individual standard and optional holders and accessories to the rails. All accessories attach to the rail using a spring-loaded component. Place the spring side of the accessory on the rail and push it in until you can slip the attachment clip over the other edge of the rail. You can slide it as necessary. In the vertical orientation, you may need to add a CLIP105 to prevent heavy items from sliding down, such as large handguns.



SECTION 3 – ACCESSORIES



HLDR101-Handgun Holder

Right Handed - Mount on rail so that diagonal bar runs high left to low right (as shown). Handguns may be positioned either at a 45 degree angle for fast access, or with the barrel laying horizontally. When mounting RAD vertically, remove screws holding rail adapter, turn 90 degrees right, and reinstall screws. Mount a CLIP105 to the rail below the HLDR101 for vertical installations, if needed.

Left Handed - remove screws holding rail adapter, turn 90 degrees left and reinstall screws. For LH vertical RAD installations, no changes are needed, just mount a CLIP105 clip beneath the Handgun Holder if necessary. *Plastic Coated to protect your handguns.*



HLDR102-Rifle/Shotgun Holder

Designed primarily for rifles and shotguns, a pair comes standard on the RAD4 for that purpose. Mount with the spring-loaded side on the bottom in horizontal installations. Use in vertical installations to hold and position barrel.

May be mounted on either rail, and hook is adjustable by pressing in button, turning 90 degrees, then moving button to different holes.

There are an infinite number of ways to mount rifles in a RAD. Use whatever position enables you to most quickly access your weapon. We prefer to mount AR15 rifles upright, but like our scoped rifles with the scope down. *Foam coated hooks.*



HLDR103-Magnetic Holder

This is another highly versatile accessory, holding anything metallic from knives to handcuffs to metal pistol and rifle magazines to keys.

Mount with the spring-loaded side on the bottom in horizontal installations. *Plastic coated, but keep credit cards and magnetic card keys away!*



CLIP102-Holster Clip Plate

Designed primarily for holding pistols in holsters with clips, or can be used for anything that needs to clip onto a holder in this style.

Can be turned 90 degrees for vertical mounting or items that require that orientation by removing screws, turning, then reinstalling screws.



CLIP103-Holster Spring Clip

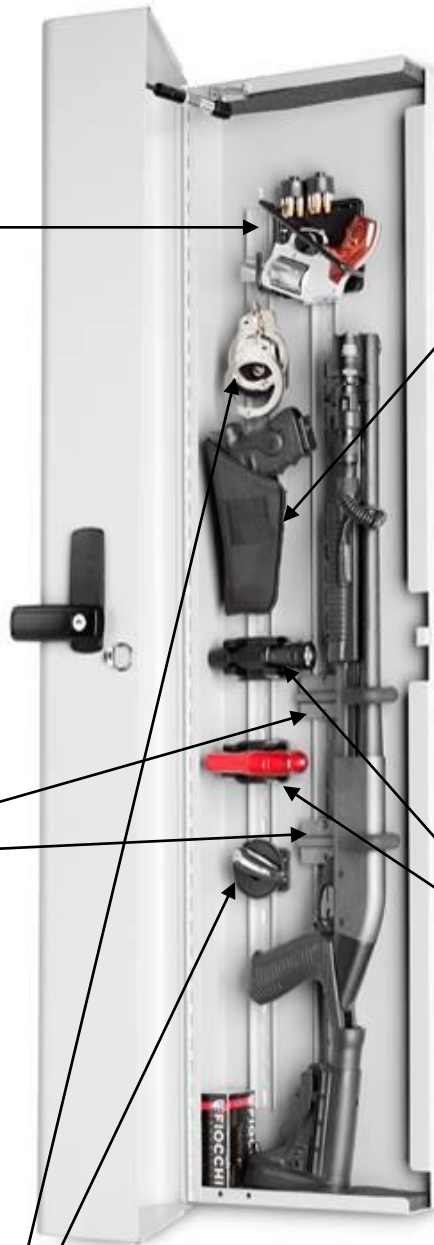
Designed for holsters that mount to clips, or to hold money, credit cards, permits, or other documents.



CLIP104-Flashlight Holder

While its primary purpose is to hold a ~1" flashlight, which we highly recommend, this clip is quite versatile, holding pepper spray and pistol magazines (such as Glock plastic magazines). *Plastic coated.*

Mount with the spring-loaded side on the bottom in horizontal installations





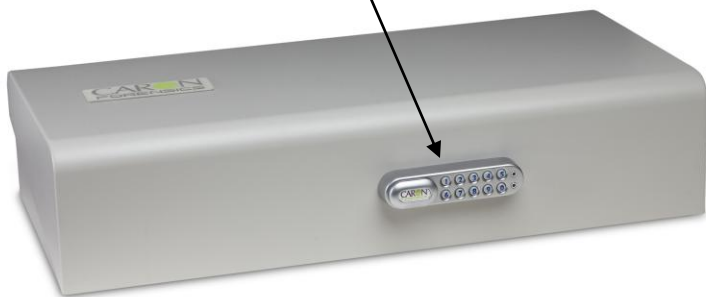
SHLF115-Shelf

Designed to hold boxed ammunition, but useful to hold a wide range of tactical items. To mount vertically, remove screws, turn each rail adapter 90 degrees to the right and reinstall screws. When installed vertically, must be inserted into the RAD at the center of the cabinet, then can be attached to the rails and slid into position. Comes with two CLIP105 clips to prevent slipping when mounted vertically. Shelf measures 3-1/2" by 9"



LOCK102-Keyless Lock

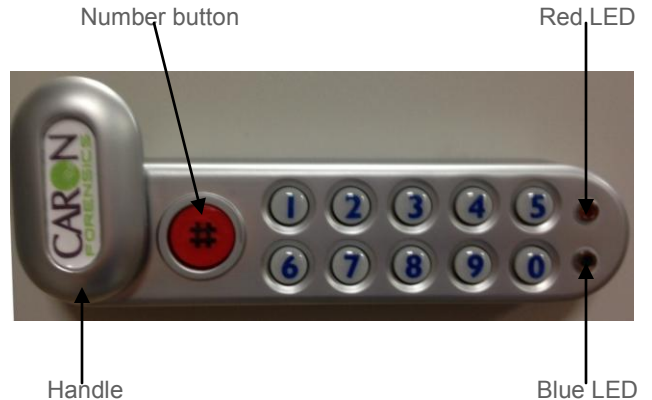
Keyless entry allows for easy access in time of emergency. The keypad code is programmable to any four digit code that you would like to make it. To open the RAD, simply type your four digit pass code by using the numbers pad and turn the handle counterclockwise.



LOCK102 Operating Instructions

Operating LOCK102

The lock has a default User Code of 0099. Type this code into the keypad and turn the handle counterclockwise. The handle must be turned within 4 seconds after entering the code or the lock will relock itself. If an incorrect code has been entered more than three times, the lock will shutdown and not allow it to be opened for 10 seconds. The Blue LED flashes when the code has been accepted and the Red LED flashes when the code has been rejected.



Programming

The keyless lock has a default User Code of 0099. This code can be changed to any four digit code you would like by typing in this code, 0099, on the keypad and turning the handle counterclockwise. Once the handle is turned you will see a red number (#) button. To change the code press the red # button and type in the current code 0099, then type in your new four digit code, and then retype the new code to confirm. Example on how to change User Code to 1234, (Ex. #0099 • 1234 • 1234) The code is now set to 1234.

Low Battery

When the battery power is low, the Red LED will flash 3 times before the Blue LED flashes to signal acceptance of the code. Batteries should be changed as soon as this happens. The lock will operate for approximately 100 times with a low battery.

How to Access RAD with Dead Batteries in LOCK102

The LOCK102 has been designed so an external 9 Volt battery can be placed against the contact points surrounding the Blue and Red LED's so the lock can be opened to replace the batteries when they fail.

Procedure:

- Place positive (+) terminal of 9V battery against the Red LED contact point and the negative (-) terminal against the Blue LED.
- Type in User Code while 9V battery is against the LED's.
- Turn handle counterclockwise.
- Replace the 2 AAA batteries by removing the 2 phillips screws and cover plate on the back side of the lock.

SECTION 4 – USING YOUR RAD

STEP 1

Now that you have installed your RAD System, you should practice opening and locking the unit, and especially accessing the contents.

There is one way to leave your RAD when you're not home: **LOCKED!**

There are several ways to leave your RAD while you are at home: locked, unlocked, with the key in the lock, with the key hidden nearby...whatever strategy you choose, do it consistently so you will remember during any stressful times. Be sure to follow any laws in your jurisdiction regarding locked gun storage.

STEP 2

While you most likely selected which accessories you wanted to hold your weapons of choice when you bought your RAD, it's a great idea to check how they fit, and whether they are correctly positioned now that the RAD is in its mounted position. Make any necessary adjustments, and add or subtract any accessories that are not doing what you wanted them to do. (You can always use them in your other RADs!)

STEP 3

Decide ahead of time how you want your firearms positioned - i.e. loaded, round in chamber or not, extra magazines nearby, safeties set, etc. Whatever you do, do it consistently, because you won't have time to think about it during an emergency.

Be sure to periodically check batteries in flashlights, weapons lights, and cell phones if you keep them in your RAD.

Make it a regular routine to perform maintenance checks, preferably taking some time to practice accessing the weapons as well. When practicing, make sure there is no ammo in your guns and that everyone else at home knows that you are practicing so they aren't startled or surprised. Better yet, they should be practicing with you so everyone at home knows what to do in an emergency. After practice, reload.



STEP 4

The key can be inserted in either direction. Unlock the RAD by turning the **key** clockwise, as you would when starting your car (see photo on left).

Once unlocked, turn the black **handle** to point towards the front of the cabinet. The cabinet will still be held by the gas spring, but is now positioned for rapid access (see photo on right).

STEP 5

You have two ways to open the RAD, depending on whether you have a horizontal or vertical mount, and whether you have chosen to use the lanyard to access your RAD. We definitely recommend using the lanyard when your RAD is mounted high on a wall, because it will be easier to open quickly, and far easier to reach when you re-close the RAD.

WITHOUT LANYARD



WITH LANYARD



No matter which method you choose, it's only necessary to get the door started, until the point when you feel the gas springs take over. As soon as they do, let go of the lanyard or handle, and begin to access your weapons with both hands.



Practice, practice, practice!

In the event that you're forced to defend yourself, your family, your employees, your fellow officers, or other citizens, being prepared will help make your responses automatic and executed exactly as you trained and practiced.



Stay Safe!

SECTION 5 – REPLACEMENT KEY/CODE PROCEDURE

For the security of all RAD owners, we require proof of ownership before we will provide you with a replacement key/code for your RAD system. Please follow the process below to obtain a replacement key or code for your system. A small charge applies to cover the cost of the key and service. We also offer replacement handles with matching lock/key sets if you would like to either coordinate all of your RADS onto a single keying, or install different keying on each of your RADS.

Process

1. Complete all information in the form below.
2. Provide photocopies of
 - a. Your state issued identification – driver’s license or other official document.
 - b. Your receipt from the original purchase of the RAD.
3. Sign this form (or a photocopy of this form), and have a Notary Public present to witness your signature.
4. Mail, FedEx, UPS, DHL, etc. this Form to Caron Forensics at the address below.
5. Include payment information, or call us directly if you don’t want to mail a credit card number. See prices below, and check the Caron Forensics website if you have owned your RAD for more than 1 year, to verify current pricing.

Information Required

Model:	RAD2 _____	RAD4 _____	Serial Number _____	Key Number (if known) _____
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Owner Name _____	Original Owner? Yes___ No___
Street Address: _____	<i>If not, also provide proof of purchase</i>
City: _____	<i>and contact information for Original</i>
State _____ ZIP Code: _____	<i>Owner</i>
Telephone _____ E Mail: _____	

Payment Information	Check Enclosed _____ <i>(check must clear before keys/codes will be sent)</i>
	Will Contact Caron _____
	Major Credit Card _____ Name on Card _____
	Card Number _____ Expiration Date MM/YY ___/___ 3 digit CID _____

Owner Signature: _____	Notary Signature: _____
Date: _____	Notary Commission Expires: _____

SEAL

Products/Services Needed

Replacement Key	\$10.00 for first key	Qty: _____
	\$2.00 for second key	Qty: _____
Handle/Lock Assembly with 2 keys	\$30.00	Qty: _____

Caron Products & Services, Inc.

27640 State Route 7
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www.caronforensics.com

SECTION 6 - WARRANTY INFORMATION

Please review this section before requesting warranty service. At CARON, one of our primary goals is to provide customers with high levels of personal service and top quality products, delivered on time, and backed by technical service and support for the life of the product.

Before contacting us for warranty service, please be aware that certain repairs are not covered under warranty. These include:

- 1) Damage resulting from improper use.
- 2) Customer modifications made to parts or subsystems.
- 3) Shipping damage either obvious or concealed as a result of freight handling.

WARRANTY DEFINED

Caron Products & Services, Inc. (herein after CARON) hereby warrants equipment manufactured by CARON is free from defects in materials and workmanship when the equipment is used under normal operating conditions in accordance with the instructions provided by CARON, as follows:

COVERED:

- Parts and labor for a period of one (1) year from date of shipment.
- Any part found defective would be either repaired or replaced at CARON's discretion, free of charge, by CARON in Marietta, OH. Parts that are replaced will become the property of CARON.
- This service includes diagnosis and correction of individual CARON product malfunctions, or failures, and may consist of temporary procedures to be followed by the customer while a permanent solution is sought.
- If CARON factory service personnel determine the customer's unit requires further service, dependent of the model involved, CARON may, at its sole discretion, provide a service technician to correct the problem, or return the unit to the factory. If a unit is to be shipped back to the factory, CARON will pay all ground shipping charges via UPS or other common carrier.
- CARON will have the right to inspect the equipment and determine the repairs or replacement parts necessary. The customer would be notified, within a reasonable time after inspection, of any costs incurred that are not covered by this warranty prior to initiation of any such repairs.

NOT COVERED:

- Cost of express shipments such as Federal Express, UPS Next Day Air, UPS Second Day Air, or any other express shipment charges.
- Any customer modifications of this equipment, or any repairs undertaken without the prior written consent of CARON, will render this limited warranty void.
- CARON is not responsible for consequential, incidental or special damages. In no event will CARON be responsible for damages more than the price of the product.
- Repairs necessary because of the equipment being used under other than normal operating conditions or for other than its intended use.
- Repair or replacement of parts due to the customer's failure to follow normal maintenance instructions.
- Damage from chemicals or cleaning agents detrimental to equipment materials.
- Force Majeure or Acts of God.

This writing is a final and complete integration of the agreement between CARON and the customer. CARON MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WITH RESPECT TO THE GOODS SOLD UNDER THIS AGREEMENT. This warranty cannot be altered unless CARON agrees to an alteration in writing and expressly stated herein, shall be recognized to vary or modify this contract. Ohio Law governs this warranty.

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