PRESTAN®
AED Raizor Trainer



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Product Parts and Features:

Front of AED Raizor Trainer



Cable Connection Port

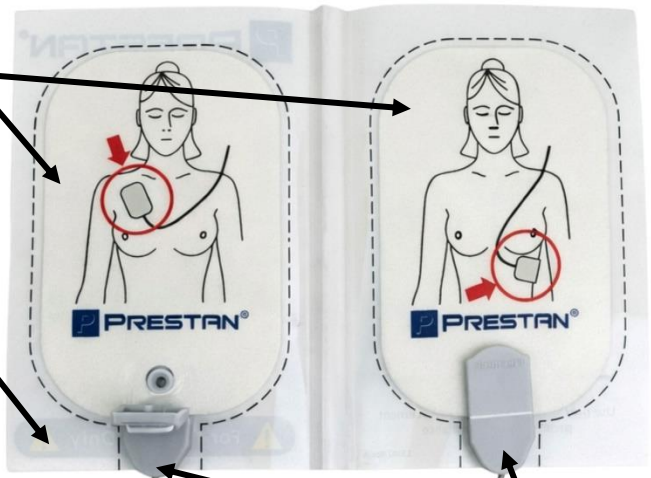
Power Button

Shock Button

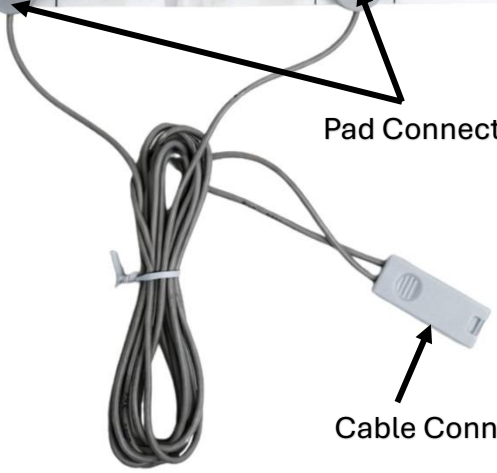
AED Raizor Trainer Pads

AED Trainer Pads

Pad Storage Envelope



Pad Connectors



Cable Connector

Raizor AED Connector Cable

Back of AED Raizor Trainer



Speaker

Battery Compartment

Protective Footers (4)

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Button Functions:

Green Power Button:



- Press the green button to power the machine on and off.
- While the trainer is on, tap the green power button to pause the current training scenario. While paused, the power button light will blink. Tap the button again to resume the current training session.

Red Shock Button:



- Press the red shock button to deliver a shock to the patient during the training scenario, as indicated by the Raizor trainer.

Pre-Installed Settings:

Training Scenario:

- Shock – Shock – No Shock: The Raizor trainer is programmed to start the training session by analyzing and delivering a shock to the patient. After the first 2-minute round of compressions, the trainer will analyze the patient for a heart rhythm and advise another shock. After the second 2-minute round of compressions, the trainer will analyze the patient for a heart rhythm and will advise no shock should be given.
- The Raizor trainer will continue to cycle through the shock – shock – no shock training scenario until the trainer is turned off.
- The voice prompts are preprogrammed in English.

Metronome:

- The Raizor trainer does not include a compression metronome. Instead, voice prompts indicate when 10, 20, and 30 compressions should have been done. The trainer voice prompts are set to go off if doing compressions at a rate of 100 compressions per minute.

Ventilations:

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- The Raizor trainer comes preprogrammed with ventilations on, allowing for time to administer two breaths every 30 compressions. If you do not train with ventilations at a 30:2 ratio, then continue compressions through the voice prompts for the 2-minute duration.

Shock Setting:

- The AED Raizor Trainer comes programmed with the semi-automatic shock setting. This means a shock will not be automatically administered, but the student must press the red shock button as indicated by the trainer to continue through the training scenario.

Ratio Setting:

- The Raizor comes preprogrammed to operate at a 30:2 ratio setting. This means that after 30 compressions, 2 rescue breaths are administered to the patient, then compressions are continued. This pattern cycles for 2 minutes, or 5 times, before the Raizor trainer analyzes the patient to determine if a shock is needed.

Getting Started:

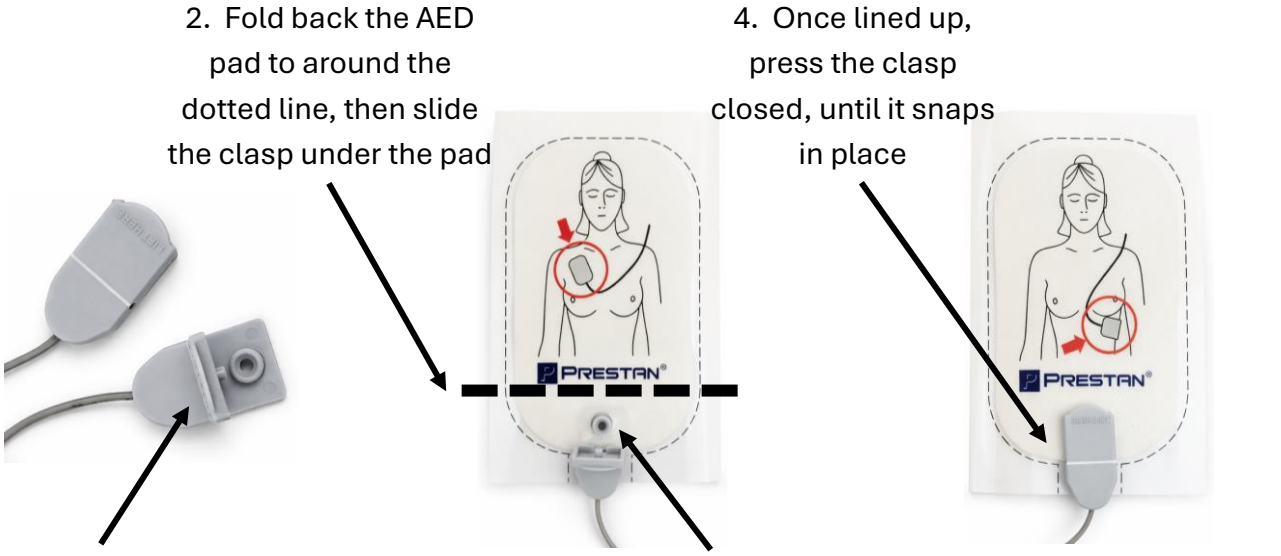
When you first receive your AED trainer, the pads, connection cable, and cord will be unattached to one another. Connect the pads to the connection cable as indicated below.

Attaching the pads to the cords:

- Lift the top half of the clasp as indicated on the connection cable.
- Open the pad storage envelope, and lift the bottom of the pad, where the hole is, off of the storage envelope. Lift only enough so that the hole is completely off the storage envelope, but a majority of the pad is still stuck in place.
- Slide the open clasp under the pad, so that the plastic post is lined up with the hole.
- Once lined up, close the clasp shut until it snaps in place. Press the pad all the way back onto the storage envelope until ready to use.
- Repeat this procedure on the second pad so both sides of the cable are connected to one AED trainer pad each.

Attaching The Pads to The Cords (Continued):

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Pad

Materials and Product Information:

- The Raizor trainer AED pads are intended for training use ONLY.
- The pads are latex free
- The trainer pads were designed to be reusable and can be stored in the envelope they come in. The pads may need to be replaced more often if not kept clean but can also last much longer if well taken care of.
- Each pad features a graphic indicating correct pad placement to help reinforce proper AED use.
- Pads are intended to be stored in the pad storage envelope with the connection cable attached. Removing the connection cable can unnecessarily damage the pads, reducing their lifespan.
- When removing the training pads from any surface, always lift from the connection clasp. Lifting from the connection cable instead will damage the wires inside.

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Using the AED Raizor Trainer:

Once you have the Raizor trainer pads connected to the connection cable, place two AA batteries into the battery compartment. Do not plug in the connection cable at this time. Plugging in the connection cable should be done after the pads are placed on the training manikin in the correct orientation. Plugging the connection cable in early will cause the AED to prematurely skip to the next part of the training scenario. Your AED Raizor Trainer is now ready for use.

Instructions for Use:

1. With the training pads and connection cable disconnected from the Raizor trainer, press the green power button to turn on the unit. The trainer will immediately start going through the preprogrammed scenario, giving clear voice instructions on what to do.
2. Place the AED trainer pads on the manikin as indicated by the Raizor trainer. Graphics on the back of the pads serve as a reminder of correct AED pad placement. Once the pads are on the manikin, plug the connection cable into the cable connection port, located on the front of the trainer in the upper, righthand corner.
3. Once the connection cable is plugged in, the Raizor trainer will start analyzing the patient. The voice prompts will instruct students to stay clear, then indicate if a shock is needed. When a shock needs to be administered, the red shock button will start flashing. Once the shock button has been pressed and the shock is delivered, students will be instructed to begin CPR.
4. The Raizor trainer will operate at a 30:2 compressions to breaths ratio for 2 minutes before analyzing the patient again for a heart rhythm. The trainer will indicate when 10, 20, and 30 compressions should have been completed, if going at a rate of 100 compressions per minute. After every set of 30 compressions the trainer will instruct students to give two rescue breaths before resuming compressions.
5. After 2 minutes of compressions and rescue breaths, the trainer will instruct students to stop CPR and will analyze the patient for a heart rhythm. The trainer will indicate if a shock or no shock is advised. The shock button will flash red if a shock is needed, or the student will be instructed to continue doing CPR for another 2-minute cycle.
6. The AED Raizor Trainer will loop through the preprogrammed scenario in the order: shock advised, 2-minutes of CPR, shock advised, 2-minutes of CPR, no shock advised, 2-minutes of CPR.

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7. Turn the Raizor off by holding the green power button once the training session is over.
8. Peel the AED training pads off the manikin from the connection clasp, not from the cord. Place the AED pads back into the storage envelope with the cables attached. Make sure the envelope is clean to ensure pad lifespan. Unplug the connector cable from the Raizor trainer for storage.

Training Session Notes and Considerations:

- Elongate the lifespan of AED training pads by making sure your manikin is clean prior to sticking pads on. Lint and dust build up are the main reason for AED training pads needing replaced. Keep AED training pads away from fabric surfaces, carpet, or other lint heavy items for maximum pad lifespan.
- Do not lift AED training pads off surfaces from the connection cable, but from the connection clasp instead. Peeling pads off a surface from the cable can break the wires inside, requiring replacement.
- Store the connection cable and pads unattached from the AED Raizor Trainer. This will prevent unnecessary bending of the cord, which could wear out the wires inside.
- If you are training a class and will not be administering rescue breaths during the AED training scenario, have students ignore the breath prompt. Compressions can be done for the full 2 minutes instead. This setting cannot be turned off.
- You may pause a training session at any time by tapping the green power button. The power button will blink, indicating that the scenario has been paused. Tapping the button again will resume the current training session.

Care and Cleaning Instructions:

- Store the training pads in the provided storage envelope.
- If the AED Raizor Trainer will be stored for an extended period, remove batteries from the unit to prevent possible corrosion.
- Store the trainer in a cool, dry area, away from direct sunlight. The trainer may be stored in the bag with your CPR manikins, in a separate pouch, or on a shelf with your other CPR training equipment.
- The AED Raizor Trainer should be kept clean. The trainer may be wiped down with a dry or slightly damp cloth. If more intense cleaning is needed, non-harsh cleaners may be used with caution. Avoid abrasive substances or cleaning tools, and moisture. The Raizor trainer should never be submerged in water.

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1-Year Warranty:

- The PRESTAN® AED Raizor Trainer includes a 1-year limited warranty against manufacturer defects in craftsmanship or materials under normal usage.
- Warranty claims may be submitted to MCR Medical. A description of the issue and picture or video evidence will need to be submitted with the warranty claim for confirmation of coverage.
- Warranty replacements may include replacement of a single part up to the entire unit depending on product diagnosis and condition.
- If you have any questions or need to submit a warranty claim, MCR Medical can be contacted at the email sales@mcrmedical.com, or the phone number (614) 782-2100.

AED Comparison Guide:

AED Trainer Comparison Chart



PRESTAN AED UltraTrainer



PRESTAN Professional AED Trainer Plus



PRESTAN AED Raizor Trainer

	PRESTAN AED UltraTrainer	PRESTAN Professional AED Trainer Plus	PRESTAN AED Raizor Trainer
Price	$124.00	$204.00	$79.99
Size & Weight	7.25" x 5.25" x 2", 1.2lbs	9.5" x 7.25" x 2.75", 2.2lbs	5" x 3.75" x 1.5", 0.375lbs
Batteries Needed	Size C, Qty 3	Size C, Qty 3	Size AA, Qty 2
Multiple Languages Available per Unit	Yes	Yes	No
Volume Control	Yes	Yes	No
Pad Sensing System	Yes	Yes	No
Pad Lifespan	~ 100 uses	~ 100 uses	~
Pads pre-Connected	Yes	Yes	No
Multiple Scenarios Available	5 Scenarios Available	5 Scenarios Available	No, One Scenario
Auto/ Semi-Automatic Shock	Yes	Yes	No
Rescue Breaths	Yes, Toggle On/Off	Yes, Toggle On/Off	Yes
Compression Metronome	Yes, Toggle On/Off	Yes, Toggle On/Off	No
Pediatric Pads	Dual Adult/ Child Pads	Dual Adult/ Child Pads	Dual Adult/Child Pads
Separate Adult and Pediatric Wires	No	No	No
Remote Control	No	Available	No
Low Battery Warning	Yes	Yes	Yes
Warranty	3 Years	3 Years	1 Year

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