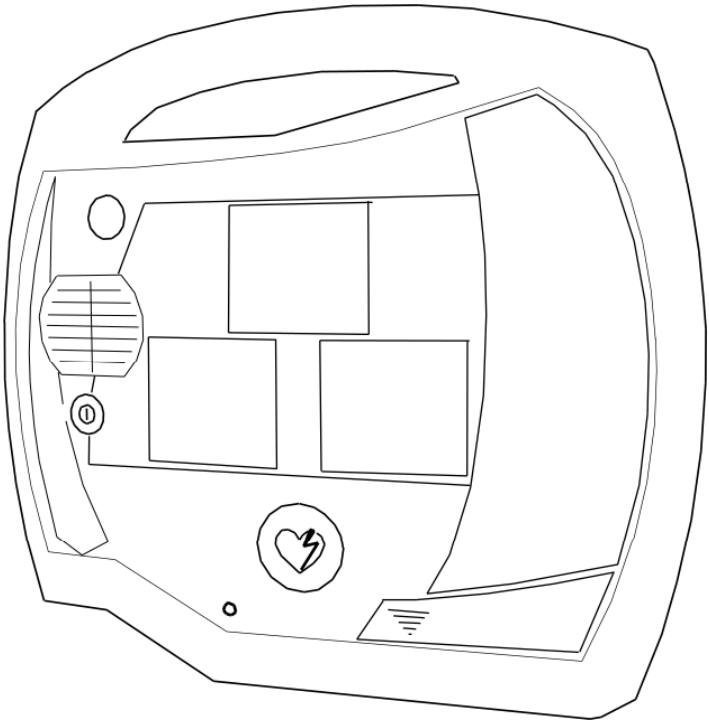
TRAINER AED
RESCUE SAM PRO



Thank you for choosing RESCUE SAM AED

The RESCUE SAM Trainer Pro is a system produced to teach the procedures of patient's management, called "basic life support + defibrillator" (BLSD)

These operative instructions include information and procedures concerning *all* RESCUE SAM Trainer Pro's features. Your RESCUE SAM Trainer Pro could not have all these features.

Please read completely and with attention this manual before using the RESCUE SAM Trainer Pro. This manual contains instructions about how to use and preserve the RESCUE SAM Trainer Pro.

To guarantee security and reliability, please use only components and accessories recommended by PROGETTI S.r.l.

IMPORTANT information.

Progetti Srl is not responsible for following errors here contained or for incidental or consequential damages connected with the furniture, the performances or the use of this material.

The information contained in this document are up to modifications without notification.

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Product Introduction.

The RESCUE SAM TRAINER PRO with selected scenery has been planned to build efficiently the rescuers to use a semi-automated external defibrillator (AED). This training unit gives a variety of planned scenery to allow the operators to familiarize with an AED and to allow them to demonstrate the basic competences necessary to use an AED in case of emergency.

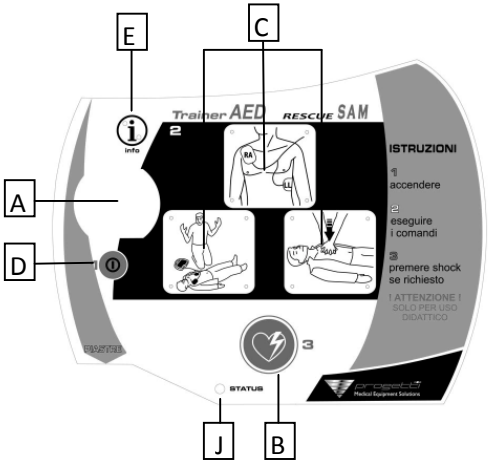
RESCUE SAM TRAINER PRO foresee the simulation of a shock. It has not the functionality of high-tension and it cannot supply a real shock. It guarantees the total security during the training.

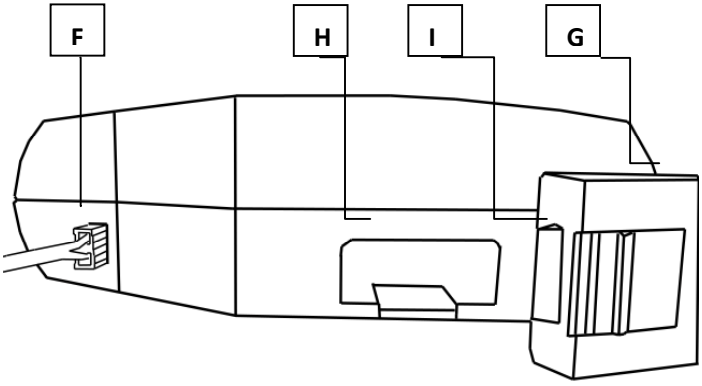
NOTE: Before using a real AED defibrillator, the rescuer must have obtained an appropriate certificate after having obtained a program of specific training. After accomplishing this course, he'll have to prove the knowledge of protocols and medical procedures.

Overview

The standard configuration foresees :
trainer, remote control, disposable pads for training and adaptors, electric cable, manual, plastic rear .

A. Speaker
B. Shock button
C. Instruction Led
D. ON/OFF button
E. Information
F. Pads connector port
G. Battery pack
H. Battery pack opening
I. Battery pack eject lever





AED Trainer Description and commands and button function

1. On/Off
   Push once to switch on the unit. Push again to switch off.

2. Connector port
   Insert the training pads connector into the reserved port. Until the white and blue connector won't be insert into the machine, the trainer will continue to indicate to attach the pads.

3. Instruction Leds.
   Over the frontal panel there are 4 leds per image, that support the operator during the operations. The leds which flash indicate in which phase of sequence the operator find himself. The leds will continue to flash till the change of sequence.

4. Shock button
   The button flashes itself when the unit is ready to simulate a shock. If the shock button is pressed, it will simulate a shock supply.
   It is a matter of a simulation SW, no discharge will be effectively supplied .

5. Battery pack
   The trainer feeds itself setting in a rechargeable battery. Recharge the battery pack when necessary; in case ok low battery, it is possible to charge the battery even if it is into the unit without stopping the session of work.

6. Information

Only with the Trainer version it is possible to change the scenery directly from the unit, pressing the **i-button** on the frontal panel of AED trainer.

ATTENTION Thin button has not the same function of the real unit.

7. On LED

The green led switches itself on when the on-button is pressed. The green led flashes, indicating the number which correspond the selected set depending of the flashes.

8. The audio-metronome

During the sequence of the CPR ; with the visual indicators (led) will be present also a tone indicating the rhythm to maintain. The sound frame will be present for all minutes of CPR.

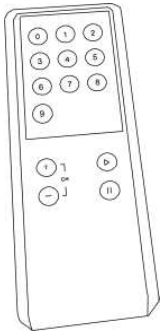
9. The speaker

The speaker gives voice prompts when the RESCUE SAM Trainer Pro is on.

Automatic switching off

1. If we use the remote control, pausing the unit, it will automatic switch off after more of 8 minutes without any others operations.
2. The unit has the battery low. In this case the unit will switch off after 10 seconds.

Remote control



(1. Selection of set from 0 to 5.
(2. Selection of upward and downhill scenery
(3. Play
(4. Pause

1. Selection of set from 0 to 5
   It allows to select the wished set directly with the remote control, pressing the corresponding number.
   NOTE : the remote control foresees a majority number of sets for future updates.

2. Selection of upward and downhill scenery: the buttons “up” and “down” allow to change the scenery with a continuity of selection.
3. Play. Re-starting action, when it is in pause.

4. Pause. The trainer stop itself when the pause button is pressed. If any action is accomplished, the trainer switches itself off after 8 minutes.

Accessories

1. Pads for training
2. Power pack battery
3. Rechargeable battery pack
4. User manual
5. Plastic rear pouch for disposable pads
6. Bag *(Optional)*

Battery insertion

The Trainer's battery has the same aesthetic and ergonomic features of a real battery. The battery insertion happens as a real unit.

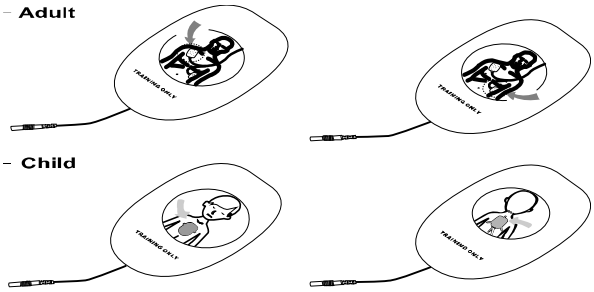
To insert the battery are sufficient few following operations, :

- Pull out the battery pack from the case
- Follow the arrow's direction, drawn on the battery pack
- Following the arrow's indications , insert the battery in the port with the label turned over.
- In case of low battery connect the cable to the battery and then to the socket.

ATTENTION : Do not use the trainer's battery and its charger with a real RESCUE SAM.

Use only original accessories.

Pads for training



1. Adult
2. Child

ATTENTION*:* Use the pads only for training

Instructions for use

Switch on the unit

Press the on-button to switch the unit on.

The unit will say to call help with a message and it will repeat the selected scenery.

Select the interested scenery with the remote control or the i-button the status led will flash depending of the selected set, a voice will show the number of set earlier selected.

Note: the last selected set will be automatic saved for the next use.

1  **PUSH ON/OFF BUTTON**

2 

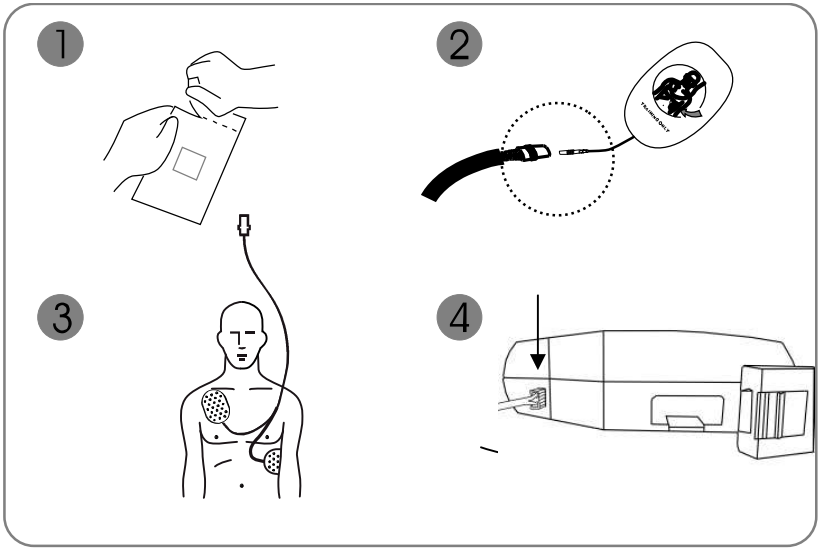
FOLLOW THE VOICE PROMPTS

3  **IF INSTRUCTED, PRESS “SHOCK” BUTTON**

Connecting pads

1) Open the pads’ packet
2) Connect the cable to the pads
3) Place the pads on the mannequin in the position as shown.
4) The Trainer’s voice will continue to repeat to connect pads until they are connected to the unit.

   ATTENTION : The unit will switch automatically off after 3 minutes without connected pads.

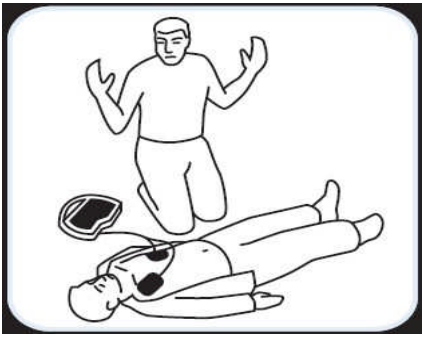


ATTENTION:

- Do not stretch or flex excessively the cables.
- Pull carefully out the connector cable from the Trainer

Follow the Trainer's voice prompts

With reference to the chosen scenery, follow the voice prompts.





SEQUENCE

The Trainer carry out a sequence of action with a specific order depending to the selected scenery.

Shown below the sequences of operation

NOTE : the sequences could change the order depending to the selected scenery .

STARTING : switch on the unit pressing the on button.

The unit will invite the user to call help, after that only on the trainer will be indicate the number of scenery.

CONNECT PADS : the unit invites the user to connect the pads both to the patient and to the unit. The device doesn't pass to the next sequence till the pads are connected to the unit. Bright leds and the guide's voice will show to the user the operations, which have to be executed.

ANALYSIS IN PROGRESS: In this phase the device simulate the heart rhythm analysis depending of the selected scenery. It will invite the user to not touch the patient during all the phase of analysis. Bright Leds and the guide's voice will indicate the operations that the users has to execute .

SHOCK ADVICE : Depending on the selected scenery the Trainer will order the user to push the shock button.

BEGINNING CPR : at shock delivered or also in case of absence of signal to shock the Trainer will invite the operator to start the CPR.

During all the CPR phase the trainer will give a sound rhythmic signal to indicate the time and the rhythm of the CPR. The trained rescuers should also make an alternate ventilation with the compressions (to make 2 insufflations with mask or Auxiliary Manual Breathing Unit every 30 thoracic compressions) during two minutes of CPR.

The not trained rescuers should make compression only CPR, if they are not able to or if they cannot provide to a ventilation.

The defibrillator RESCUE SAM give the only indication of starting CPR, showing the rhythm to maintain through a vocal signal for all the duration of 2 minutes without giving any information about when to start the ventilations, which must be managed by a rescuer, who has followed the course.

5 Scenery before programmed

SCENERY	DESCRIPTION	OPERATION
1	Ventricular fibrillation with only a conversion shock	• Rhythm to defibrillate • One shock • Rhythm not to defibrillate
2	Ventricular fibrillation with various shocks necessary for the conversion	• Rhythm to defibrillate • Four shocks • Rhythm not to defibrillate
3	Ventricular fibrillation with two shocks necessary for the conversion	• Rhythm to defibrillate • Two shocks • Rhythm not to defibrillate
4	Rhythm not to defibrillate	Rhythm not completely to defibrillate
5	Ventricular fibrillation with three shocks necessary for the conversion	• Rhythm to defibrillate • Three shocks • Rhythm not to defibrillate

Specifics

Model.: Trainer Aed Rescue Sam Pro

Energy: DC 9 V NiMH rechargeable

Size/Weight :29X28X9 cm – 2 Kg

Extreme current: < 300mA

Remote control: Battery typ DC 3V/2*AAA

Static current: < 5uA

Configuration:

N.	Contents	Quantity	Units	Note
1	Trainer	1	Pz	
2	Remote control	1	Pz	
3	Connectors	1	Pz	
4	Adult pads	3	Couple	They can be used over and over again
5	Children pads	2	Couple	They can be used over and over again
7	Manual	1	Pz	
9	Battery and power pack	1	Pz	Do not use on real devices
10	Plastic rear pouch for disposable pads	1	Pz	