



## **BRAYDEN AED Trainer (model: IT23)**

The BRAYDEN AED Trainer is designed to ensure that users can quickly and skillfully operate any AED (Automated External Defibrillator) they encounter in emergency situations.

The BRAYDEN AED Trainer has its design and features which users can easily adapt to different AEDs used in real-life emergency situations. It provides specific scenarios for training on how to respond to cardiac arrest and handle other unexpected emergencies.

In particular, this product is the first to develop and apply Optical Sensing Technology to pads, allowing for accurate detection of pad attachment during training. This technology represents a significant innovation over the traditional AED training methods, which required pads to be attached to the body, then connecting the connector of the pads to acknowledge the pad attachment. This training enables users to be familiarize and Practice recently introduced pre-connected AED systems.

Additionally, the innovative Gel-Pads can have their adhesive properties restored simply by rinsing them with water. This allows for repeated usage, offering a

significant cost-saving advantage compared to training with disposable pads.

The BRAYDEN AED Trainer, optimized for AED training, can be connected to our comprehensive CPR training solution, **i-CRS**, based on the user's needs. This integration provides real-time feedback and accurately measures scoring for AED Trainer sessions. This service is an integrated solution that includes not only a realistic and fully engaging AED training, but also CPR training, enabling the establishment of a more systematic, efficient and complete resuscitation training system.

## Basic Features

- Automatic/Semi-automatic AED mode
- Adult/Pediatric mode
- Clear and Precise Voice Instruction
- Pause/Continue Function
- Metronome Features (For Compression)
- Volume Control (5 Levels)
- 6 Different Scenarios, 4 Different Impromptu Events Available
- 9 Language Preloaded (Additional Language available upon Request)
  - Korean, English, Spanish, French, German, Italian, Polish, Chinese (Mandarin), Japanese Available

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## Key Features

- Optical Sensing Pads with attachment detection (Pre-connected Pads Training possible)
- Gel-Pads with more than 200 Reusable Counts (Can be reused after rinsing, when the adhesion diminishes.)
- LED indicators for Pads attachment indication
- Integration with i-CRS CPR & AED Training Solution

- Remote Controller Features (i-CRS App)
- Software updates via app (e.g., CPR guideline changes)

## Specification

- Weight: 600g (excluding case)
- Size: 22cm(W) x 19cm(H) x 4cm(D)
- Operating temperature: 0°C ~ 40°C (32°F ~ 104°F)
- Storage temperature: -20°C ~ 60°C (-4°F ~ 140°F)
- Storage humidity: Relative humidity 5% ~ 95% (non-condensing)
- Power: AA 1.5V batteries (4), USB-C type (adapter sold separately)
- Firmware Update: i-CRS App (AED-T Configuration)
- Warranty: 2 years (Consumables Excluded)

## AED Trainer Components Packaging

### Brayden AED Trainer 1 Set

- AED Trainer Main Unit (1)
- AED Trainer Carry Case (1)
- Gel-Pads Plate (1)
- Gel-Pads (2)
- Optical Sensing Pads Cable (1)
- AED Prep kit Card Set (1)
- AA Type Alkaline Batteries (4)



*\* This product is an AED training device. It does not deliver real electric shocks and cannot be used as a rescue device.*

# Product Overview

## AED Trainer Components

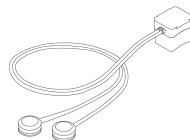
\* Please ensure all components are present before using the product.



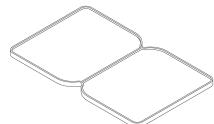
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C



D



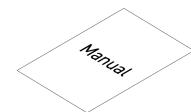
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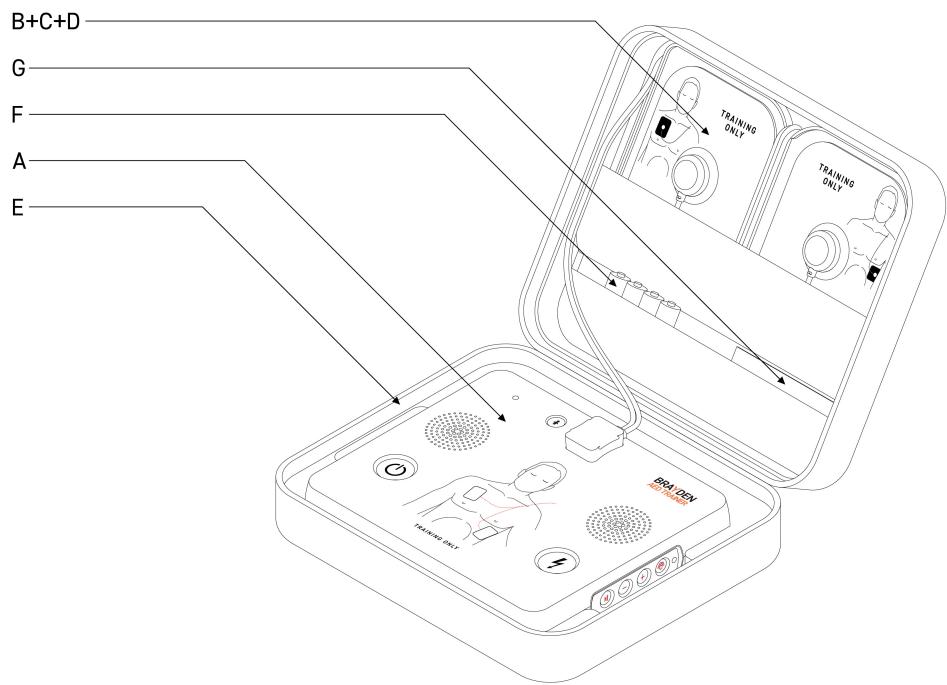
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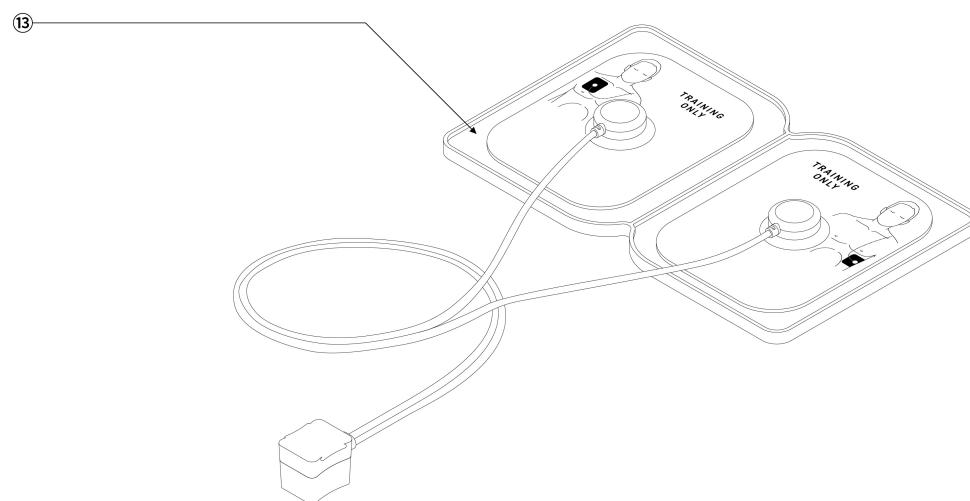
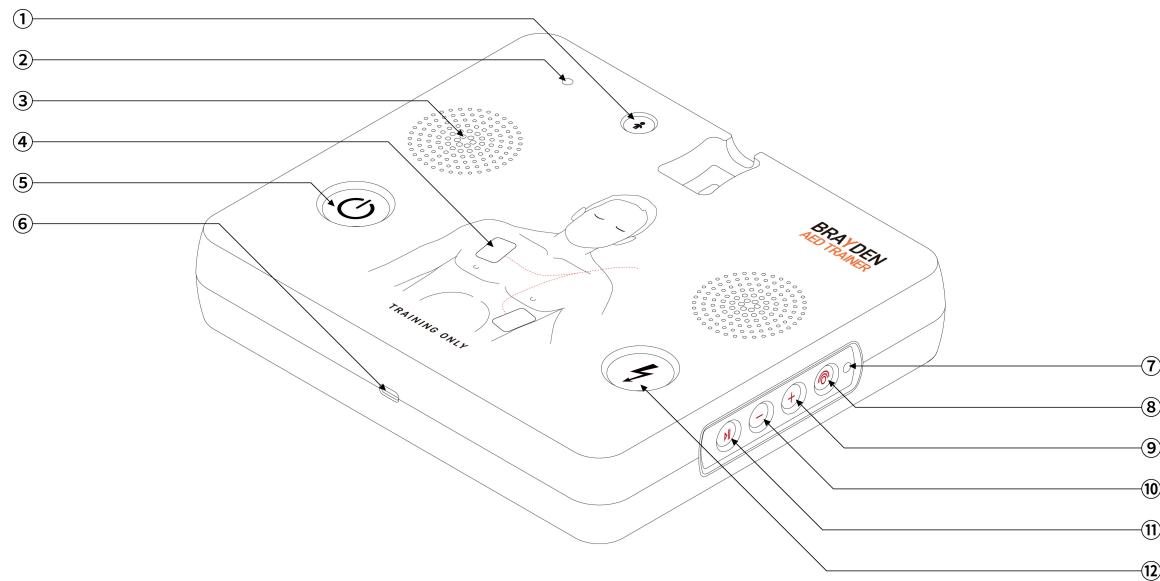
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A.Main Unit	B.Gel-Pads (Left, Right)	C.Optical Sensing Pads Cable (1.2m)	D.Gel-Pads Plate
E.Carry Case	F. AA type Battery (4)	G.Prep kit Card Set	

## AED Trainer Components Packaging



## AED Trainer Parts



① Child Button	② Power Indicator LED	③ Speaker	④ Pads Sensing LED	⑤ Power Button
⑥ USB-C Port	⑦ Wireless Connectivity LED	⑧ Wireless Connectivity Button	⑨ Volume Up Button	⑩ Volume Down Button
⑪ Pause/Resume Button	⑫ Shock Button	⑬ Optical Sensing Gel-Pads Unit		

## Key Operating Instruction

### **Starting AED Training with AED Trainer Alone (without i-CRS Connection):**

Press the <Power Button> on the front of the device to start the Voice Prompt immediately.

### **Ending AED Training:**

Press and hold the <Power Button> on the front of the device to end the training. To restart the training, press the <Power Button> again.

### **Complete Powering Off of AED Trainer:**

Option 1: Press and hold the <Wireless Connectivity Button> on the right side of the device to completely power off the product.

Option 2: If there is no activity or movement for 20 minutes, the device will automatically power off completely.

### **Turning ON/OFF of Optical Sensing Pads Function:**

If you do not want to use the Optical Sensing Pads function, press and hold the <Pause/Resume Button> on the control panel (on the right side of the device) to turn off the Optical Sensing Pads recognition feature. (\*When the Optical Sensing Pads function is OFF, you must connect the Pads connector after attaching the Pads, in order for the Pads to be recognized as attached.)

### **Training Configuration:**

(\* The corresponding app must be installed on the mobile device prior to use)

Press the <Wireless Connectivity Button> on the Control Panel (on the right side of the device). The Wireless Connectivity LED will light up in blue. Open the i-CRS app on your mobile device. Press the “AED-T Configuration” button at the bottom to connect to the AED Trainer and select the necessary settings menu to configure the training configuration. (Refer to the AED-T Configuration manual.)

### **Integrated Training with i-CRS Solutions:**

(\* The corresponding app must be installed on the mobile device prior to use)

Press the <Wireless Connectivity Button> on the Control Panel (on the right side of the device). The Wireless Connectivity LED will light up in blue. Open the i-CRS app on your mobile device. Follow the process of the i-CRS integrated training to proceed AED Training. (Refer to the i-CRS integrated training manual.)

### **Cleaning of Gel-Pads:**

If the adhesion of the Gel-Pads decreases, you can separate and clean the pads, then dry them for reuse.

Disconnect the Optical Sensing Cable and the Gel-Pads.

**WARNING: DO NOT SUBMERGE THE CABLE OR SENSOR IN WATER.**

Gently rinse the adhesive surface of the detached Gel-Pads under running water for about 10 seconds to remove any debris and restore adhesion.

Be careful not to damage the Gel portion of the adhesive surface during cleaning.

**For additional information and detailed operation instructions, please refer to the video manuals below.**

[How to Operate BRAYDEN AED Trainer \(Video Manual\)](#) [link](#)

[How to Use "AED-T Configuration"](#) [link](#)

[How to Integrate BRAYDEN AED Trainer with i-CRS for BLS Training](#) [link](#)

## **6 Scenarios and 4 Impromptu Events**

Category	Detailed Scenario / Event Description
Scenario 1 (Pre-Set)	Shock → No shock
Scenario 2	Shock → Shock → No shock
Scenario 3	Shock → Shock → Shock → No shock
Scenario 4	No shock → Shock → No shock
Scenario 5	Shock

Category	Detailed Scenario / Event Description
Scenario 6	<p>No shock</p> <p><i>Note: After the scenario is completed, the final step will be repeated.</i></p>
Event 1	"System error."
Event 2	"Low battery. Please replace with a new battery."
Event 3	"The pads connection is not poor. Please press the pads firmly."
Event 4	"Patient movement detected. Please make sure the patient stays still."
	※ At the event, the system will pause after the corresponding voice prompt has been played. To resume, press the <Pause / Resume Button>.

## Product Maintenance

### Product Care and Cleaning Instruction

- Always keep the product clean and store it in a safe place to avoid damage.
- Inspect all cables for any signs of breakages, exposure, or disconnect before use.
- Inspect Gel-Pads for any signs of cracks, tears or other damages before use.
- If the Gel-Pads lost its adhesion, try cleaning the Pads to reuse.  
If adhesion is not restored after cleaning, replace the Gel-Pads.
- The Optical Sensing Pads Cable of the Gel-Pads can be replaced as required.
- Do NOT submerge any parts (other than Gel-Pads) of the device in water.

### Warranty Information

This product is covered by 2-year warranty from the date of purchase, excluding consumable parts.

Warranty coverage may be void in the following situations.

- Damage or defects caused by misuse, negligence, or improper handling.
- Damage or defects caused by repairs from unauthorized retailer or service center, or the use of non-approved replacement parts from unauthorized supplier..

- Damage or defects caused by improper storage or use in unsuitable environments, such as those with high temperatures, high humidity, or exposure to harmful chemicals.
- Damage or defects caused by natural disasters or events beyond the manufacturer's control, including but not limited to fire, earthquake, flood, or lightning, etc.
- Any alterations of the purchase date, customer information, retailer details, or product serial number.

## Certifications



Conformité  
Européenne



Federal  
Communications  
Commission



Korea Certification

## Battery Usage and Replacement Recommendations

- For optimal operation of the product, please use AA-sized alkaline batteries and replace all 4 batteries at the same time.
- Recycle or dispose of batteries in accordance with all federal, state, and local laws. To prevent the risk of fire and explosion, do not expose batteries to heat or incinerate them.

## Product and Service Inquiries

E-mail. [sales@innosonian.com](mailto:sales@innosonian.com)

Tel. +82 2 533 9410

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## FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### IMPORTANT NOTE:

#### FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Product: Brayden AED Trainer

Model: IT23

Manufacturer / Manufacture Country : Innosonian Inc. / Republic of Korea