**Warning!**

- Use the Fully Automatic AED Plus® unit only as described in this manual. Improper use of the device can cause death or injury.
- DO NOT use or place the Fully Automatic AED Plus unit in service until you have read the Fully Automatic AED Plus Operator’s and Administrator’s Guides.
- DO NOT use or place the Fully Automatic AED Plus unit in service if the unit’s status indicator window (located on the left side of the handle) displays a red “X”.
- DO NOT use or place the Fully Automatic AED Plus unit in service if the unit emits a beeping tone.
- Connect the electrode cable to the Fully Automatic AED Plus unit after installing batteries.
- Keep the electrode cable connected to the Fully Automatic AED Plus unit at all times.
- This device is intended for use by personnel who have been trained in its operation. Users should receive training in basic life support/AED, advanced life support or a physician-authorized emergency medical response training program.
- Only use electrodes labeled “Infant/Child” on children less than 8 years old or weighing less than 55 lbs (25 kg). Use CPR-D-padz® if patient is older than 8 years or weighs more than 55 lbs (25 kg).
- Always stand clear of patient when delivering treatment. Defibrillation energy delivered to the patient may be conducted through the patient’s body and cause a lethal shock to those touching the patient.
- DO NOT touch the electrode surfaces, the patient, or any conductive material touching the patient during ECG analysis or defibrillation.
- Move patient away from electrically conductive surfaces prior to use of equipment.
- DO NOT use the unit near or within puddles of water.
- Keep the patient as motionless as possible during ECG analysis.
- DO NOT charge, disassemble, or dispose of batteries in fire. Batteries may explode or emit poisonous gases.
- DO NOT use the unit if it is missing any parts. (Check inside the ZOLL® AED Plus cover before using the cover as a Passive Airway Support System (PASS) device to ensure it is intended for this use.)
- DO NOT use or place the Fully Automatic AED Plus unit periodically to ensure that green check symbol (✓) appears in status indicator window.

**Set-up and Check-out Procedure:**

1. Insert 10 new batteries into the Fully Automatic AED Plus unit.
2. Connect electrode cable to Fully Automatic AED Plus unit and pack sealed electrodes inside unit cover. Close cover.
3. Turn unit on and wait for “Unit OK” audio message. Verify that unit issues appropriate “Adult Pads” or “Pediatric Pads” audio message.
4. Turn unit off.
5. Wait 2 minutes. Verify that green check symbol (✓) appears in status indicator window (located on left side of handle) and that unit does not emit a beeping tone.
6. Place Fully Automatic AED Plus unit in service.
7. Check Fully Automatic AED Plus unit periodically to ensure that green check symbol (✓) appears in status indicator window.

**Battery Replacement**

Replace batteries every 5 years or if unit prompts. Use only type 123A lithium manganese dioxide batteries from recommended manufacturers.

- Remove all batteries from battery compartment and discard before installing any new batteries.
- Insert 10 new batteries into battery well. Do not use old batteries.
- Press button in battery well only after installation of new batteries.

**Cleaning**

- Clean and disinfect unit with soft, damp cloth using 90% isopropyl alcohol or soap and water, or chlorine bleach (30 ml/liter water).
- Do not immerse any part of the unit in water.
- Do not use ketones (MEK, acetone, etc.).
- Avoid using abrasives (e.g., paper towels) on the LCD display, if so equipped.
- Do not sterilize the unit.

**TROUBLESHOOTING**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self-test failed.</strong></td>
<td>Manually test by pressing and holding the ON/OFF button for more than 5 seconds. If unit fails test again, remove from service.</td>
</tr>
<tr>
<td><strong>“Change batteries” prompt.</strong></td>
<td>Replace all batteries at the same time.</td>
</tr>
<tr>
<td><strong>Red “X” in Status Indicator window when unit is OFF.</strong></td>
<td>Perform manual test. Check to see if cable is attached properly to unit. Replace batteries. If unit still does not operate correctly, remove from service.</td>
</tr>
<tr>
<td><strong>Red “X” in Status Indicator window when unit is ON.</strong></td>
<td>Power cycle the unit. If Red “X” is still present in Status Indicator window, remove unit from service.</td>
</tr>
</tbody>
</table>

**For Technical support or repair:**

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**Contact your local distributor.**

THIS SYMBOL INDICATES THAT AN AED PLUS UNIT IS EQUIPPED FOR TREATING ADULT AND PEDIATRIC PATIENTS. AN AED PLUS UNIT WITHOUT THIS SYMBOL IS NOT EQUIPPED TO TREAT PEDIATRIC PATIENTS AND WILL NOT WORK WITH PEDI-PADZ® II PEDIATRIC ELECTRODES. TO UPGRADE AN AED PLUS UNIT FOR USE WITH ZOLL PEDI-PADZ® II PEDIATRIC ELECTRODES, CONTACT ZOLL MEDICAL CORPORATION OR AN AUTHORIZED ZOLL DISTRIBUTOR FOR INFORMATION ON THE ZOLL AED PLUS PEDIATRIC UPGRADE KIT.

**Federal (U.S.A.) law restricts this device to sale to or on the order of a physician.**
Use the AED when a suspected cardiac arrest victim has an apparent LACK OF CIRCULATION indicated by:
- Unconsciousness and
- Absence of normal breathing and
- Absence of a pulse or signs of circulation.

This device is intended for use by personnel who have been trained in its operation. Users should receive training in basic life support (AED), advanced life support or a physician-authorized emergency medical response training program.

When a victim is less than 8 years of age, or weighs less than 55 lbs (25 kg), the ZOLL AED Plus should be used with ZOLL AED Plus Pediatric Electrodes. Therapy should not be delayed to determine the patient’s exact age or weight.

Do NOT use when a patient:
- Is conscious; or
- Is breathing; or
- Has a detectable pulse or other signs of circulation.

This device is intended for use by personnel who have been trained in its operation. Users should receive training in basic life support (AED), advanced life support or a physician-authorized emergency medical response training program. The CPR monitoring function provides a metronome designed to encourage rescuers to perform chest compressions at the AHA recommended rate of 100 compressions per minute. Voice and visual prompts encourage a minimum compression depth of 2 inches for adults. The CPR monitoring function is not intended for use on patients under 8 years of age.

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