

The Mikey Network's Reminder Notice Manual



Mikey's Mission:

The Mikey Network is working to create public awareness and provide education about heart healthy lifestyles. Currently we are committed to placing “MIKEYS” (public access defibrillators) in as many high-risk locations as possible so people affected by sudden cardiac arrest might have a second chance at life.

What is a Mikey?

A MIKEY is an automated external defibrillator (AED) that can be used to bring a lifesaving shock to a victim of cardiac arrest – even before emergency services personnel can arrive. Time is of the essence in the case of cardiac arrest and with a MIKEY on hand, people can assist in those first few crucial minutes.

Facts about Cardiac Arrest

- “On average, early AED defibrillation before EMS arrival seems to nearly double a victim’s odds of survival after OHCA [out-of-hospital cardiac arrest].”¹
- “For patients in “VF”[ventricular fibrillation], studies show that if early defibrillation is provided within the first minute, the odds are 90 percent that the victim’s life can be saved. After that, the rate of survival drops ten percent with every minute.”²
- From 2006-2009 the average EMS response time in the Province of Ontario was 10 minutes and 39 seconds.³
- It is “estimate[d] that currently, 474 lives are saved per year by bystander application of an AED to those who experience an OHCA [out-of-hospital cardiac arrest]” in the U.S. and Canada based on a population of 330 million people in those two countries combined.⁴

¹ Weisfeldt, M. L., et al. (2010). Survival After Application of Automatic External Defibrillators Before Arrival of the Emergency Medical System Evaluation in the Resuscitation Outcomes Consortium Population of 21 Million. *Journal of the American College of Cardiology*, 55(16): 1713-1720.

² Sudden Cardiac Arrest Association FACT SHEET: SUDDEN CARDIAC ARREST. (2011). Retrieved January 18, 2013, from http://www.suddencardiaccarrest.org/aws/SCAA/asset_manager/get_file/43858/fact_sheet_sca_2011.pdf

³ Emergency Medical Services Operating Budget Analyst Notes. (2012). Retrieved January 18, 2013, from http://www.toronto.ca/budget2012/pdf/op12_an_ems.pdf

⁴ Weisfeldt, M. L., et al. (2010). Survival After Application of Automatic External Defibrillators Before Arrival of the Emergency Medical System Evaluation in the Resuscitation Outcomes Consortium Population of 21 Million. *Journal of the American College of Cardiology*, 55(16): 1713-1720.



MIKEY Location Step-by-Step Checklist

1. If your MIKEY is in a wall cabinet, disable the alarm with key and remove your MIKEY.
2. Remove your MIKEY from its soft or hard case.
3. Identify the type of MIKEY your location has. It could be a Philips HeartStart OnSite or a Medtronic LIFEPAK CR^{Plus} AED? (see images below to help identify your MIKEY)
4. Check unit to ensure green light is flashing (Philips) / says "OK" (Medtronic) and for any physical damage. If a problem is identified, consult the owner's manual (see links below) or contact The Mikey Network for further assistance.

Philips HeartStart OnSite

http://incenter.medical.philips.com/doclib/enc/fetch/2000/4504/577242/577243/577245/577817/577818/OnSite_Owner_s_Manual_Instructions_for_Use_%28IFU%29_%28ENG%29_ed.8.pdf%3fnodeid%3d579063%26vernum%3d7

Medtronic LIFEPAK CR^{Plus}

http://www.physio-control.com/uploadedFiles/products/defibrillators/product_data/operator_checklists/CRPlus_Checklist_3204089-000.pdf

5. Ensure prep kit is present.
6. Check expiration date on battery and pads to ensure they have not expired (see further instructions for your unit below). If parts have expired see step 7 below for ordering instructions.
7. If parts are required, please contact the appropriate supplier below to place an order (be sure to mention you are a member of The Mikey Network for special pricing, major credit cards are accepted and the products will be shipped to you directly):

Medtronic Lifepak CR^{Plus}

Contact: Workplace Medical Corp. First Aid Training

Toll Free: 1-800-205-3278

Adult Charge-Pak/2 Electrodes	Part # 11403-000001	\$115.00
Infant/Child Reduced Energy Electrodes	Part # 11101-000016	\$110.00

Philips HeartStart OnSite

Customer Service 1-800-291-6743 – Please refer to Quotation # 2034358, Promotion #61207CA

Battery	Part # M5070A	\$125.00
Adult SMART Pads Cartridge	Part # M5071A	\$55.00
Infant/Child Smart Pads Cartridge	Part # M5072A	\$95.00

8. When replacement parts are received, follow the enclosed instructions and install the parts accordingly.
9. Place Mikey back in case and place the unit in your location's wall cabinet if required.
10. Ensure key is removed from wall cabinet and the alarm is reactivated. Test the alarm by opening the cabinet door. If the alarm does not sound, see instructions below to replace the 9 Volt battery.
11. If the site coordinator at your location has changed, please update The Mikey Network by completing and returning the form below or by phone or email.
12. Contact The Mikey Network if you have any questions with this process.



Medtronic Lifepak CR^{Plus} Expiration Date Check

1. See pictures below to determine if your MIKEY is a Medtronic Lifepak CR^{Plus}. If so, please proceed to step 2. If not, please see the instructions for the Philips HeartStart OnSite below.



Medtronic LIFEPAK CR^{Plus} in Soft Case

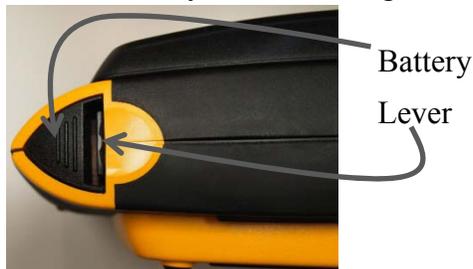


Medtronic LIFEPAK CR^{Plus} in Hard Plastic Case

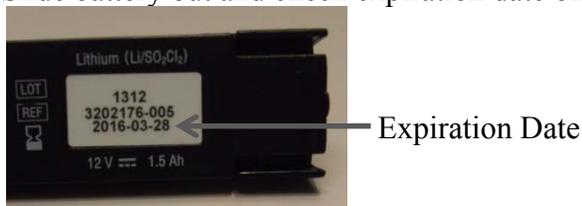


Medtronic LIFEPAK CR^{Plus} AED

2. Once MIKEY is removed from case(s), check the battery's expiration date.
 - a. Remove battery from lower right hand side using lever.



- b. Slide battery out and check expiration date on the battery.



- c. If the battery has expired see step 7 in the checklist above for ordering information.
- 3. Check the expiration date of the pads⁵ through the window in the front cover. If it is not visible, please proceed to step 3a. If it is visible, please proceed to step 3d.



- a. Press ON/OFF button to open your MIKEY's front cover (this will activate the unit and it will begin to speak).
- b. With the cover opened, check the expiration date of the pads.



- c. When finished, close the cover to deactivate the unit.
- d. If the pads have expired see step 7 in the checklist above for ordering information.

⁵ Please note that the expiration date of the battery and pads on Medtronic units should be the same since the parts are purchased together. However, it is best to check both parts to be sure.



Philips HeartStart OnSite Expiration Date Check

1. See pictures below to determine if your MIKEY is a Philips HeartStart OnSite. If so, please proceed to step 2. If not, please see the instructions for the Medtronic Lifepak CR^{Plus} above.



Philips HeartStart OnSite in Soft Case



Philips HeartStart OnSite in Hard Plastic Case



Philips HeartStart OnSite AED

2. Open the case for your MIKEY and flip the unit over to the back.
 - a. Locate the battery and its expiration date.



Battery

Expiration Date on Battery



- b. If the battery has expired see step 7 in the checklist above for ordering information.
3. Flip the unit back over to the front and check the expiration date of the pads.



Expiration
Date on
Pads

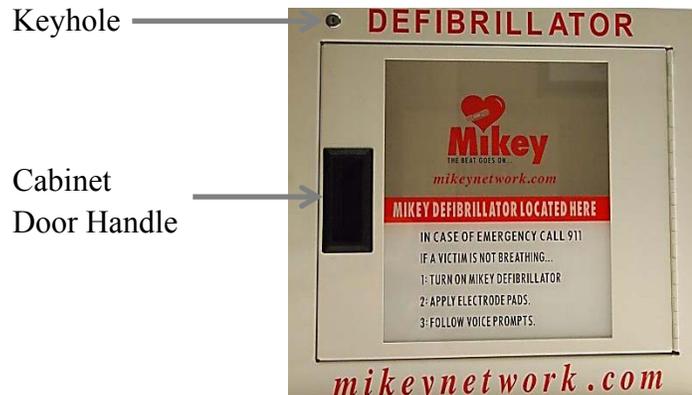


4. If the pads have expired see step 7 in the checklist above for ordering information.

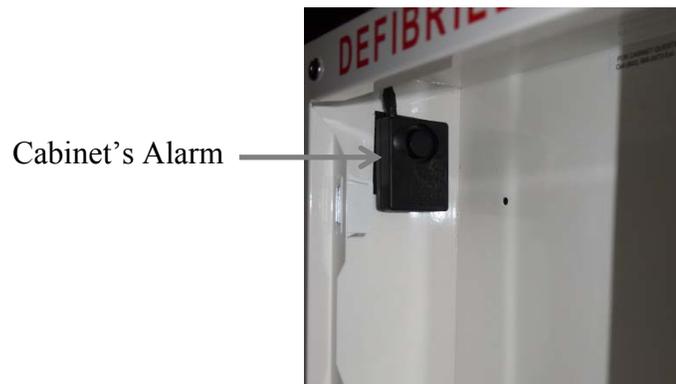


MIKEY Cabinet Alarm Battery Check

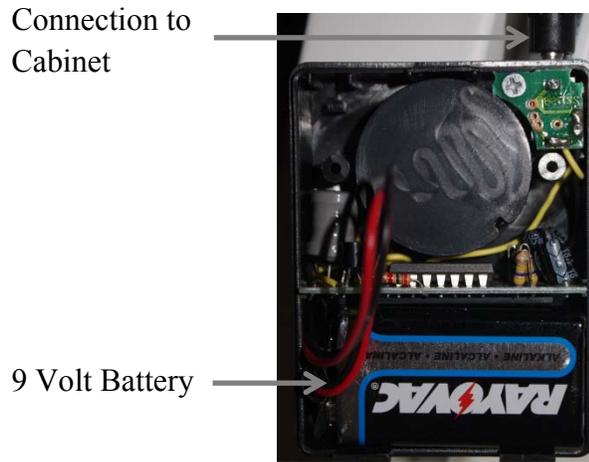
If your MIKEY is wall mounted, it should be in a cabinet like the one shown in the picture below. At the top of the cabinet, there is a key hole which can be used to activate and deactivate the alarm (with the key included when your MIKEY first was shipped) which sounds when the door is opened. If the cabinet's alarm does not sound and the key is turned to the active position, the alarm battery may need to be replaced. To do so, please follow the instructions below.



1. Open the cabinet door using the handle and remove your MIKEY from the cabinet.
2. In the top left corner (attached to the left side of the cabinet) there will be a black box. This is the cabinet's alarm.



3. Remove the alarm from the Velcro and open the two halves of it using your fingers. This should now display the alarm's 9 Volt battery (see image below). Be careful not to disconnect the unit from the cabinet and re secure the connection if you do detach it.



4. Replace the 9 Volt battery with a new one and put back on the alarm's cover pressing the two pieces together. Make sure that the top and bottom latches are aligned correctly.
5. Place the alarm back on the Velcro pad and put your MIKEY back in the cabinet.
6. Close the cabinet door and reactivate the alarm using your key.
7. Test that the alarm is now working by opening the door.
8. If the alarm sounds, remove the key. Your cabinet is now ready to use.



Site Coordinator Contact Information

Name: _____

Location Name: _____

MIKEY Location: _____

Address: _____

City: _____

Province/State: _____

Postal/Zip Code: _____

Country: _____

General Phone #: _____

Direct Phone #: _____

Email Address: _____

