

ATTENTION - READ THIS FIRST!

Lithium-Polymer batteries are small, compact, and ideal for providing long lasting power. However, they must be used and charged properly. Improper use can result in serious injury, fire, or explosion.

Please read and understand the following warnings. If you have any questions or concerns with this product, please contact AMX.

WARNING: This installation requires opening the case of the MVP-9000i and working within its internal components. If you are unwilling or unable to replace the battery, please return the device to AMX for battery replacement.

WARNING: Misuse of a Lithium-Polymer battery may result in overheating, fire, or explosion!

To Avoid Injury, Never:

- Use near open flame or other heat source
- Puncture or disassemble battery
- Damage external contacts
- Dispose of battery in fire, water, or container with temperature above 100°C (212°F).

Always:

- Use only with AMX approved battery charger
- Store in dry place with temperature between 0° C (32° F) and 40° C (104° F)

WARNING: Care must be taken to install the battery without damaging the battery.

IMPORTANT NOTES!

NOTE: Lithium-Polymer battery technology degrades in capacity over time, unless the battery is periodically charged and discharged. AMX recommends installing all Lithium-Polymer batteries in functional AMX products within 6 months of receipt.

NOTE: Please dispose of all used batteries in a proper fashion as required by municipal or federal regulations.

NOTE: Charging Lithium Polymer batteries at high temperature will reduce the battery life. Industry guidelines dictate that batteries should not be charged at temperatures above 45° C (113° F). The temperature is determined by a combination of the ambient temperature where the panel is located, plus temperature increases normally occurring inside electronic devices containing batteries. AMX has implemented battery temperature monitoring features to maximize the rate of battery charging, while staying within industry temperature guidelines.

Battery charge times will increase in installations where the room temperature is above 25° C (77° F), and may be temporarily suspended at room temperatures above 30° C (86° F). Battery charging will automatically resume once the temperature has fallen to appropriate levels. Minimizing the display back-light intensity and turning off the back-light during periods of non-use will also yield faster charge times.

Overview

The MVP-9000i uses a MVP-BP-9 Lithium-Polymer microbattery (57-0016-SA) for power away from a standard power source. The battery can be deep-charged up to 300 times before it loses the ability to retain more than 70 percent of its rated capacity, at which time battery replacement should be considered.

Specifications

MVP-BP-9 BATTERY PACK KIT (FG5967-21) SPECIFICATIONS	
Dimensions (HWD):	4 1/2" x 5 5/8" x 3/8" (11.43 cm x 14.29 cm x 0.95 cm)
Weight:	0.70 lbs (317.51 g)
Certifications:	<ul style="list-style-type: none"> • CE • IEC/EN-60950 • RoHS • UN/IATA • UL
Operating/Storage Environment	<ul style="list-style-type: none"> • Operating Temperature: 0° C (32° F) to 40° C (104° F) • Battery Charging Temperature: 0° C (32° F) to 30° C (86° F) • Operating & Battery Charging Humidity: 20% to 85% RH • Storage Temperature: -20° C (-4° F) to 60° C (140° F) for periods of less than one month, -20° C (-4° F) to 45° C (113° F) for less than three months but greater than one month, and -20° C (-4° F) to 20° C (68° F) for less than one year but greater than three months • Storage Humidity: 5% - 85% RH
Included Parts	<ul style="list-style-type: none"> • Replacement MVP-9000i battery (57-0027-SA) • Upper rubber feet (screw covers, black, EMA5967-10BL; and white, EMA5967-10WH) • Replacement label to cover lower screws: black (91-5967-01BL) and white (91-5967-01WH) • Replacement rear cover screws (7), (PN80-0125-02) • Replacement battery screws (2), (80-0108-04)

READ THESE INSTRUCTIONS FIRST!

To minimize the risk of damage to the battery during installation, all replacement batteries come in a protective metal cover.

This cover cannot be removed from the battery.

Replacing the Battery

IMPORTANT: Prior to battery removal, run the device until the battery is completely discharged.

To remove and replace an old battery

1. Remove the battery from its packaging and inspect it for any damage or distortion. If the battery shows evidence of damage, contact AMX for replacement and proper disposal information.

WARNING: Do NOT use tools of any sort in the screw slot (FIG. 1), as this can damage the tab on the back cover underneath the slot.

2. Place the device face-down on a surface that will not scratch the unit.
3. Gently pry up the IR emitter cover from the left side with your thumbnail or with a soft tool such as a guitar pick. (FIG. 1).
4. Once the IR emitter cover is free on the left side, push or pull the IR emitter cover away from the back cover to loosen and remove it. Some force may be necessary to do so.

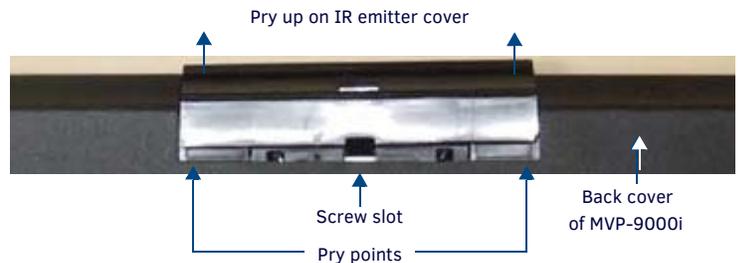


FIG. 1 IR EMITTER COVER REMOVAL

5. Remove the two screws underneath the IR emitter cover (FIG. 2).



FIG. 2 PLACEMENT OF SCREWS UNDERNEATH IR EMITTER COVER

6. Remove the five screws from the back of the device (FIG. 3).

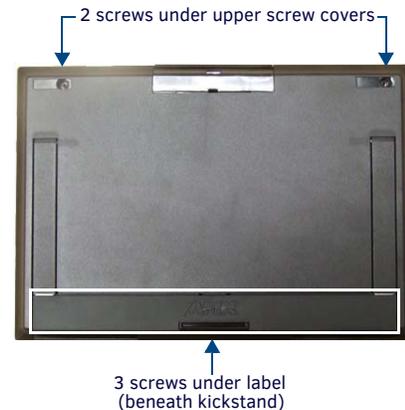


FIG. 3 PLACEMENT OF SCREWS ON THE BACK OF THE MVP-9000I

- Two of the screws are at the upper corners of the device, underneath rubber feet that also act as screw covers. Remove the rubber feet to access the screws.
- Lift up the kickstand and remove the label to reach the remaining three screws.

- Discharge all static electricity that may have built up on your body, either by using a static discharge strap or by touching a nearby piece of metal.
- Carefully remove the back of the device and detach the battery lead at the battery connector (FIG. 4). This will allow the back cover to be detached from the device.

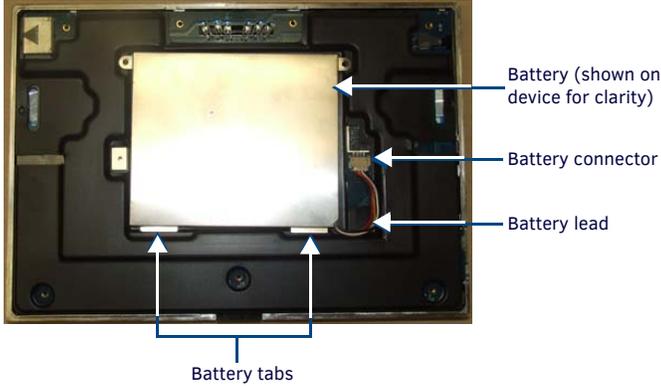


FIG. 4 INTERIOR OF MVP-9000I, INCLUDING FEMALE BATTERY CONNECTOR

Remove the Old Battery

Remove the two screws holding the battery case to the back cover.

- Carefully remove the battery from the back cover.
- Please dispose of the battery in a proper fashion as required by municipal or federal regulations.

Installing the New Battery

- Open the plastic bag containing the MVP-BP-9 kit, taking care not to use sharp instruments near the battery itself.
- Attach the new battery to the back cover, either using the two screws used to hold the previous battery to the cover or with the two replacement screws included with the MVP-BP-9 kit. Slide the two tabs on the bottom of the battery (FIG. 4) into the two slots on the back cover and then secure the battery to the back cover with the screws.

Reconnecting the Battery

- On the back cover, make sure that the battery connector wiring runs to the left.
- Make sure to seat fully the battery plug to the connector in the device (FIG. 4). If fingers cannot be used, use a clean, nonconductive stick or probe to seat the connectors.

WARNING: When reassembling the device, take especial care not to pinch or squeeze the connector wiring or the battery. Do not force the back cover onto the device, as this can damage the device.

- Insert the seven screws and replace the rubber feet atop the two upper screws, using the replacement rubber feet included in the Battery Pack Kit. Replace the bottom label over the three bottom screws, using the replacement label included in the Battery Pack Kit (FIG. 5).

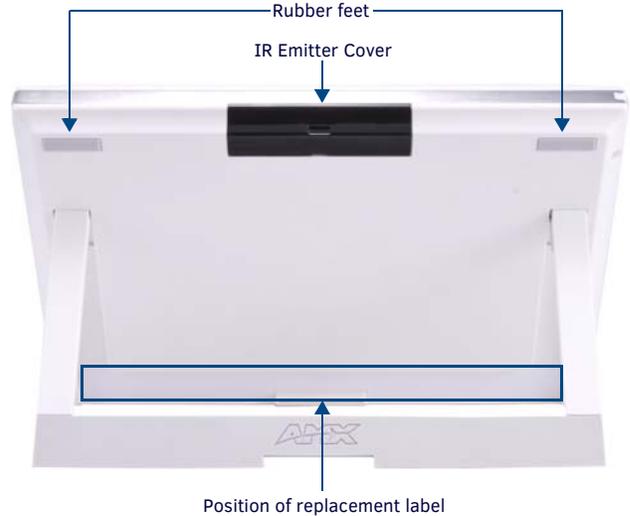


FIG. 5 REAR OF THE MVP-9000I-WH

- Slide the IR emitter cover back into place over the emitter until it clicks.
- Restart the device to confirm that the new battery is functioning correctly.

Additional Documentation

For more information on battery replacement and installation, please refer to the MVP-9000i Modero Touch Panel Instruction Manual, available from www.amx.com.

