

How to Replace the Control Panel/Keypad

SCOPE:

This Procedure Guide provides proper written instructions to ensure standard methodology for replacing the control panel/keypad on a Power Breezer Mobile unit MK 3 and 3.6.

REVISION HISTORY

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1	Jan 13, 2023	Luis Canela	Original Document
2			

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Recommendations:

If after following the complete Instruction sequence and the problem persists, please contact Power Breezer customer service for assistance via phone at 1-844-233-5673 or by email at customerservice@Powerbreezer.com

Warnings:

- Any repairs on a Power Breezer® should be made only by authorized personnel or Power Breezer personnel. Any repairs/modifications by others will void the unit's warranty.
- Power Breezer has made every effort to ensure that the directions provided in this Instruction Guide are complete and accurate. Any attempt on the user's part to perform a do-it-yourself upgrade or repair will be solely at the reader's risk. Even when the Instruction Guide's instructions are carefully followed, the slightest misstep in disassembly or reassembly could result in further damage to the unit. If the user is unsure about how to diagnose/repair the unit as described in this Instruction Guide, please contact Power Breezer customer service for assistance at 1-844-233-5673 or customerservice@powerbreezer.com
- The information in this Instruction Guide is intended for use by individuals possessing adequate electrical, electronic, and mechanical experience, backgrounds, and skills. Power Breezer shall not be responsible for the interpretation of this Instruction Guide's information, nor will it assume any liability in connection with its use.

Cautions:

- System hazards include mechanical pinch points, electrical hazards, and tripping hazards. Service should be performed by those with an understanding of such hazards.
- Turn off and unplug the Cooling Unit before filling or emptying the water reservoir.
- Turn off and unplug the Cooling Unit before moving.
- Turn off and unplug the Cooling Unit before cleaning it.
- Always unplug the Cooling Unit by pulling on the plug and never on the cord.

- Do not insert fingers or other objects inside the fan head, doing so may cause bodily injury.
- Children can fall into an open water reservoir and drown, even in a small amount of water.
- Keep children away from the reservoir. Keep the reservoir lid on at all times.
- Closely supervise all nearby children and pets when using this Cooling Unit. Do not leave the Cooling Unit unattended.
- Children should never be permitted to play with the Cooling Unit.
- When possible, unplug the system for service actions. Take appropriate precautions against electrical hazards when servicing live circuits.
- Use only on an outlet protected by a ground-fault circuit interrupter (GFCI). Avoid using extension cords.
- Do not allow the plug to become wet. Do not plug in/out while your hands are wet. Doing so increases the risk of electric shock.
- Do not alter the plug in any way.
- If the power cord is damaged, do not attempt to repair it yourself. Contact Power Breezer customer service for assistance. 1-844-233-5673 | customerservice@Powerbreezer.com
- The Cooling Unit is not to be used by persons (including children) with a lack of experience and knowledge unless they have been given supervision or instruction.
- This Cooling Unit may be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the Cooling Unit safely and they understand the hazards involved.

When operating the Cooling Unit, use common sense. Stay clear of moving parts and only use water that is safe for drinking.

Materials Required:

- Control panel/Keypad
- RJ-11 Cable

Tools Required:

- M2 Phillips screwdriver
- Gloves

Persons Required:

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Safety gear:

- Safety glasses
- Gloves
- Voltage Tester/Non-Contact Voltage Tester

Steps:

1. Proceed to turn the unit off with the circuit breaker and disconnect the power cord from the outlet.
2. Using the M2 Phillips screwdriver, remove the four screws attaching the control panel. (There are two on each side.)
3. Disconnect the RJ-11 cable from the control panel.
4. Connect the new control panel by inserting the RJ-11 cable into the control panel.
5. At this point, you may test the unit and ensure proper operation. If the test is passed, continue to **Step. 6**. If the test is failed, proceed to **Step. 7**.
6. Attach the control panel back in place. Using the M2 Phillips screwdriver, tighten the four screws. Proceed to test the unit and ensure proper operation.
7. Tilt the unit on its side.
8. Using the M2 Phillips screwdriver, remove the four screws holding the E-Box cover in place.
9. Remove the E-Box cover.
10. Disconnect the RJ-11 cable from the PCB and control panel. Then proceed to remove it from the unit.
11. Connect the new RJ-11 cable to the PCB and route it to the control board in the same way to the old cable.
12. Connect the new RJ-11 cable to the control panel.
13. Attach the control panel back in place.
14. Using the M2 Phillips screwdriver, tighten the four screws.
15. Test the unit and ensure proper operation.

If you have questions and or problems applying the procedures found in this guide, please contact Customer Service by email at customerservice@powerbreezer.com or by phone at 844-233-5673.