Electrical Safety Precautions:

Before beginning any appliance or consumer electronic repair, make sure you turn off the power and completely unplug the appliance or electronic.

If in servicing your feedback kit a voltage test is required, reconnect the power supply only for the duration of the voltage test. Disconnect the power immediately following the test. When conducting a voltage test, make sure that no other conductive parts come into contact with any exposed current-carrying metal parts.

IMPORTANT

The metal solenoid bar is live with 12V, do not allow any metal objects / wire circuits to come in contact with the metal bar.

When you install the feedback kit / replace any parts / add any circuits, always reinstall the wires to the correct terminals as per the wiring diagram. Inspect the wires closely to make sure they are not crossing any sharp areas, are pinched in any way, caught between panels, or in between any moving parts that can cause an electrical malfunction. Zebsboards.com will not be responsible for any damage due to modification or incorrect connection of the feedback kit.

It is also important to keep these safety tips in mind:

- Ensure the electricity has been turned off / disconnected before installing the feedback kit.
- Do not remove the ground wire from a three-prong power cord, or any other ground wires from the feedback kit.
- Do not perform any alterations to any switches, components, or features. Replace any fuses with fuses of the same rating.
- Before installing, check for any damaged, pinched, or frayed wires.
- Make sure all electrical connections within the unit are correctly and securely connected.
- The power supply unit has built in thermal overload, surge and short circuit protection and may under certain circumstances shut down if any of these conditions are met. Turning off the unit and allowing it to cool for 2 -2 minutes will reset the power supply. If the power supply circuit protection continually trips, check the electrical supply feeding the power cable as well as the power supply and associated wiring. Do not continue to use the feedback kit if electrical issues are suspected.
- The power supply is protected by an external push to reset circuit breaker located by the power cord/plug. If the feedback kit circuit protection continually trips, check the electrical supply feeding the power cable as well as the power supply and associated wiring. Do not continue to use the feedback kit if electrical issues are suspected.

Initial Startup Procedure:

- Ensure that the voltage selection switch on the power supply is in the correct position for the voltage of your region (120V – 240V).
- The PacLED64 ships from Ultimarc with a pre-configured firmware with an automatic demo mode installed. Units from Zebsboards.com are shipped with this mode disabled but occasionally the firmware defaults back to the factory settings.
- Default settings from Ultimarc can be removed by running the PACLED64 utility available from Ultimarc.com and setting the led output to 0 (ALL) and the intensity slider to the minimum setting. Failure to ensure that this setting has been enabled could initiate a condition where all of the outputs in the feedback kit are ON simultaneously and set the power supply into reset and/or blow the replay knocker fuse.
- Perform an initial start up of the system with the Night Mode switch in the OFF position. Once satisfied that the lighting circuit works correctly and that any/all outputs are not engaged simultaneously, put the Night Mode switch in the ON position and retest for proper operation of the feedback kit.

Operating Safety Precautions:

Follow these additional safety tips to prevent injuries:

- Do not permit children to install / touch or otherwise interfere with the exposed wiring of the feedback kit.
- Do not permit persons who are unfamiliar with the proper operation of your kit to operate it.
- The shaker motor counterweight can cause injury as a pinch hazard, do not operate without the safety cover in place.
- Use your feedback kit only to complete the task it was designed to complete.

Disposal:

Observe the approved methods and ordinances of your locality with regard to proper disposal of used electronic appliances.