

# Voltminder Manual

## Package Contents

Voltminder packaging includes one Voltminder unit, fused power cord and six mounting screws.

## Installation Instructions

Mount the Voltminder to a flat surface using the four holes and provided screws. Install the power cord. If wiring directly by removing the cigarette lighter adapter, be sure to use the inline fuse. Replacement fuses should be 2 amps.

## Operation Instructions

- 1) When first turned on, a “beep” will sound for approximately 5 seconds.
- 2) Press/release the “BACK LIGHT” button to increase the LCD brightness (after 4 presses, the brightness will return to it’s lowest setting)
- 3) Press/release the “MODE” button to put the Voltminder into “Set Alarm” mode
- 4) Press/release “Set ON” and “Set OFF” buttons to adjust alarm voltage up (ON) or down (OFF) by .05 volts per click.
- 5) When the desired alert voltage is displayed, Press/release the “MODE” button to exit the “Set Alarm” mode
- 6) Press/release OFF, then press/release ON to activate the alarm
- 7) Disconnecting the Voltminder from the power source will NOT change the alert voltage setting. **NOTE REGARDING ALERT VOLTAGE**

The Voltminder can be adjusted for use on 12, 24, 36 and 48 V systems. Suggested alert voltage settings are:

- 12 volt system = 12.05 volts
- 24 volt system = 22.05 volts
- 36 volt system = 33.05 volts
- 48 volt system = 43.5 volts

The low voltage alarm will sound 25 seconds after low voltage occurs. The first time your Volt Minder reaches alert voltage, your LCD will go off and on. When the voltage goes above beeper voltage the LCD will either be off or on. If it is off, push the backlight button on and off until you get the desired brightness. The next time you hear the beeper on and off, the LCD will be at the lowest brightness setting. If the Volt Minder is disconnected, you will have to do this brightness operation again.

*NOTE: The VoltMinder is not intended for use with medical devices.*

## Calibration

The Voltminder is factory calibrated at 12 Volts. However, to recalibrate or calibrate at higher voltages, disconnect the Voltminder from power. Press and hold the backlight button while reconnecting to power. While continuing to hold the backlight button, adjust the voltage by using the on and off buttons. When the desired voltage is selected, release the backlight button.

## Limited Warranty

Voltminder Inc. warrants your Voltminder to be free from defects in material and workmanship, excepting abuse or misuse, for a period of ninety (90) days from the date of the sale to the original user or consumer purchaser. This warranty is non-transferable. If your unit malfunctions or fails with the warranty period because of a defect in material or workmanship, Voltminder Inc. will replace or repair the unit (at our discretion). Replacement will be made with a new or re-manufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This warranty is in lieu of all other express warranties. The duration of any implied warranty, including but not limited to any implied warranty or merchantability or fitness for a particular purpose, made in respect to your unit is limited to the period of the express warranty set forth above.

For warranty service, please send an email to [info@voltminder.com](mailto:info@voltminder.com), or to our mailing address: Voltminder, 165 Applecross LN, Pottsboro TX 75076.

If a warranty return is necessary, a proof of purchase is required. Voltminder Inc. is not responsible for shipments delayed or lost in transit. In no event shall Voltminder Inc. be liable for consequential or incidental damages. Some states do not allow limitations on the length of the implied warranty or the exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights, which may vary from state to state.

For technical questions, please email inquiries to [info@voltminder.com](mailto:info@voltminder.com)