

AutoBoost – User Manual

Safety Information

By using the AutoBoost, you hereby agree that Limitless Innovations, Inc., an Illinois corporation and its affiliates (“Limitless”) shall have no liability for any losses associated with property damage, personal injury or loss of life that are incurred by you or by any third party in connection with or relating in any manner whatsoever to your use of the AutoBoost. By using the AutoBoost, you hereby agree at all times to comply fully with all safety warnings, operating instructions and general safety information in this user manual. By using the AutoBoost, you further agree to hold harmless Limitless, (and Limitless’ officers, directors, shareholders and employees) in connection with any losses sustained by you (including, without limitation, losses arising in whole or in part from property damage, personal injury or loss of life) relating in any manner whatsoever to your use of the AutoBoost.

ETL

AutoBoost is ETL certified to conform to ANSI/CAN/UL STD. 2743 and tested to comply with FCC Standard Part 15 for safety and reliability under the United States and Canadian standards.

SAFETY INFORMATION & WARNINGS

SAFETY FIRST: To prevent potential product damage, property damage, personal injury, or even loss of life.

READ ALL Safety Warnings and this User Manual in its entirety before using the AutoBoost. By using the AutoBoost, you hereby agree that Limitless Innovations, Inc., an Illinois corporation and its affiliates (“Limitless”) shall have no liability for any losses associated with property damage, personal injury or loss of life that are incurred by you or by any third party in connection with or relating in any manner whatsoever to your use of the AutoBoost. By using the AutoBoost, you hereby agree at all times to comply fully with all Safety Warnings, Operation Instructions and General Safety Information in this User Manual. By using the AutoBoost, you further agree to hold harmless Limitless, (and Limitless’ officers, directors, shareholders and employees) in connection with any losses sustained by you (including, without limitation, losses arising in whole or in part from property damage, personal injury or loss of life) relating in any manner whatsoever to your use of the AutoBoost.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using this product, basic precautions should always be followed, including the following:

- A) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- B) Do not put fingers or hands into the product.



- C) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
- D) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- E) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
- F) Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electrical shock.
- G) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- H) Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- I) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

WARNING – RISK OF EXPLOSIVE GASES.

- To reduce risk of battery explosion, follow these instructions and those published by Limitless Innovations and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary markings on all AutoBoost products and the engine.
- Misusing or incorrectly connecting your AutoBoost may cause electric shock to users, damage to the product, and/or damaged equipment.
- Do **NOT** use any non-Limitless-branded accessories. Doing so may result in risk of fire, electric shock, and/or injury to person(s).
- The AutoBoost may become warm during extended use. During operation, keep your AutoBoost away from materials that may be affected by these temperatures.

SAFETY PRECAUTIONS

- Always charge the AutoBoost in a well-ventilated area.
- Do **NOT** insert foreign objects into any ports or openings of the AutoBoost.
- The AutoBoost should be recycled or disposed of, as per state and local guidelines.
- Have plenty of fresh water and soap nearby in case battery acid comes in contact with skin, clothing, or eyes.
- Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery.
- If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.
- **NEVER** smoke or allow a spark or flame in the vicinity of a battery or engine.
- Be extra cautious to reduce the risk of dropping a metal tool onto a battery. It might spark or shortcircuit the battery or other electrical part that may cause explosion.



- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do **NOT** expose the AutoBoost to fire or excessive temperatures. Exposure to fire or temperatures above 266°F may cause an explosion.

SAVE THESE INSTRUCTIONS

What's Included

- AutoBoost
- Smart Jumper Cables
- 12" Type-C to USB Charging Cable
- Storage Bag with Printed Instructions
- 10W Wall Adapter
- 1-Port USB Car Charger

Technical Specifications

- Model Numbers:
 - Black (Dark Night): LIM-ABST-001 / LIM-ABST-029
 - Sleet: LIM-ABST-030
 - Midnight Navy: LIM-ABST-031
 - Evergreen: LIM-ABST-032
 - Very Peri: Lim-ABST-033
- Battery Capacity: 6,000mAh
- 4-Cell | 1,500mAh/14.8V
- Battery Type: Polymer Lithium High Ratio
- Recharging Time (From 0%): 4-5 Hours
- Life Cycle: Approx. 1000 Times (Then Decay 70%)
- Type-C Input: 5V/2A
- USB-A Output: 5V/2A
- Starter Port: 14.8V | 200A (Start) - 400A (Peak)
- Supports Vehicles: 5.0L Gas, 8-Cylinder
- LED Flashlight: 25 Lumens
- Flashlight Modes: On | S.O.S. | Strobe
- Battery Working Temperature: -4°~140°F (-20°~60°C)
- Product Working Temperature: 32°~104°F (0°~40°C)
- Material: ABS
- Dimensions: 5.55" x 3.35" x 0.91"



- Weight: 0.65 lb

Components

- (1) USB Charging Port (Output)
- (2) Flashlight
- (3) Type-C Port (Input)
- (4) Starter Port
- (5) Power Button
- (6) Digital Battery Level Indicator
- (7) Safety Check Lights

How to Use

Setting Up the AutoBoost

The AutoBoost is ready-to-use right out of the box and will arrive with some charge the internal battery.

Using the Power Bank

1. Plug a USB cable into the USB Charging Port and into a mobile device. The device will automatically begin to charge.

Please Note: The cable included with the AutoBoost is provided to recharge the internal battery. To charge a device, you should use a compatible USB Cable with your device.

Checking the Battery Level

1. Press and hold the Power Button.
2. The current battery percentage level will display on the Digital Battery Level Indicator.

Recharging the AutoBoost

1. Plug the included USB Wall Adapter into an outlet.
2. Plug the included Type-C to USB Cable into the USB Wall Adapter.
3. The AutoBoost will begin to charge.
4. The current battery percentage level will blink on the Digital Battery Level Indicator. Once the battery reaches 100% it will stop. Blinking. Unplug it once the battery reaches 100%.

NOTE: It is recommended to recharge the AutoBoost every three months or when the battery drops below 25%.

Using the Flashlight

1. Single click the Power Button to turn the Flashlight on.



2. Single click to scan through the modes, or press and hold the Power Button to shut off the Flashlight

Flashlight Modes

On | S.O.S. | Bright | Off

Storing the AutoBoost

The ideal storage location for the AutoBoost is inside in a cool, dry place. Batteries are affected by temperature. The ideal storage temperature is 70° F (21°C).

NOTE: If the AutoBoost is exposed to extreme temperatures (14°F - 140°F / -20° - 60°C), it is recommended to allow the AutoBoost to re-acclimate to the ideal temperature of 70°F before using.

How to Use the Jump Starter

1. Prep
 - a. Locate the vehicle's battery.
 - b. Open the silicone cover on the AutoBoost and plug in the Smart Cables to the Jump Start Port.
 - c. The Safety Check Lights on the box of the Smart Jumper Cables will flash red and green. This indicates that you are ready to move onto step 2.
2. Attach
 - a. Connect the **RED** Clamp to the positive terminal (+).
 - b. Connect the **BLACK** clamp to the negative terminal (-).
 - c. The Safety Check Light will change to a solid green, indicating it is ready for Step 3.
3. Start
 - a. Start the vehicle.
 - b. *When done, remove the jumper cables in the reverse order that they were connected.

TROUBLE SHOOTING

If the Safety Check Lights continue to blink:

- i. Check the connection of the Clamps on the vehicle's battery. Try disconnecting and repeating step 2.

If the Safety Check Lights changes to a solid red:

- i. Check the connection.
- ii. If the battery terminal is heavily corroded, it may cause a bad connection leading to an error message.
 1. Remove the Smart Jump Cables from the engine and the AutoBoost.



2. Refer to the vehicle's owner's manual on how to clean the battery terminal.
3. Once clean, repeat steps 1-2.
4. If the Red error message continues, one of the 10 Safety Checks listed were found. See a certified mechanic.

I completed steps 1-3, but the vehicle did not start.

- i. Disconnect the Smart Jumper Cables from the battery and from the AutoBoost. Wait 60 seconds, then repeat Jump Starting steps 1-3.
- ii. If the vehicle does not start after the third try, consult a certified mechanic.

Smart Jumper Cables - 10 Safety Checks

The Smart Jumper Cables have 10 Safety Checks & Levels of Protection

1. Reverse Polarity
2. Short Circuit
3. Over-Charge
4. Over-Discharge
5. Over-Temperature
6. Timeout
7. Vehicle Battery False Voltage
8. Vehicle Engine Voltage
9. Non-Sparking
10. Low-Input Voltage

