

# Micro-Jump™

Multi-Function Jump Starter

Jump Starter, Charger, Power Reserve

## User Manual



Laptop  
Adapters



Jump  
Cables



AC-Power  
Supply



USB/Phone  
Cables



Cigarette-Lighter  
Adapter

**Granite**  
by DIGITAL



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**Multi-function Emergency  
Micro-Jump Starter**

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**DANGER:** Read this section before using Micro-Jump



READ  
ME!

- Do not leave connected to the battery after vehicle starts.
- Make sure the polarity of the jumper cables are connected correctly.
- Disconnect the jumper cable if the wires become hot.
- Do not let the jumper cable ends touch each other.
- Do not let the charger get close to water... it is not waterproof.
- Connect the jumper cable to the battery before plugging in the blue connector into the Micro-Jump.
- Do not try and jump a vehicle if the charge level is below 20%.

# Answers to the most common questions that arise when using Micro-Jump

**Question:** What are the main features of the Micro-Jump?

**Answer:** Five main features, it's a power source / charger for mobile phones, tablets, PSP, MP3/MP4 and other electronic devices, it has a three mode built-in LED Flashlight with SOS and blinking, it has a variable voltage output for Laptops, its LCD monitors voltage, and it's a high-power vehicle jump-starter.

**Question:** How is the LED Emergency Flashlight turned on?

**Answer:** Turn the Micro-Jump master switch to "ON", then hold the push button in for 3 seconds to start the flashlight functions. To change the mode from flashlight to SOS, a short press; to go to blinking mode another short press, and finally to turn off, another press.  
See the figure below:

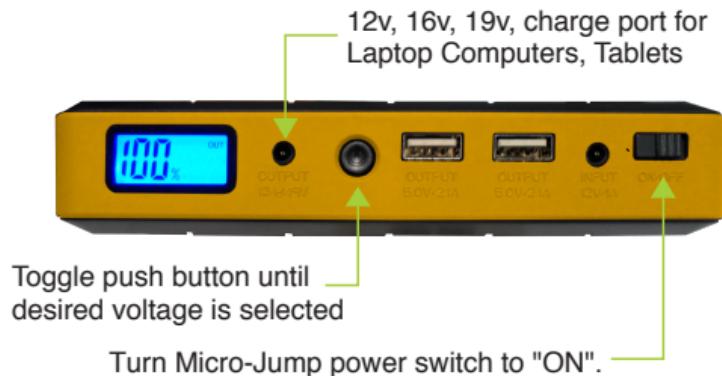


**Question:** How long does it take to recharge the Micro-Jump battery?

**Answer:** About 2-3 hour.

**Question:** How do I set the voltage output for my Laptop?

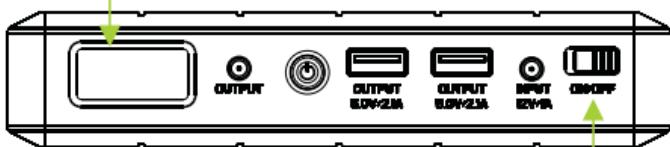
**Answer:** Turn the master switch to "ON", then toggle the push button until the desired voltage appears on the LCD display. Choose the proper cable and connector for the desired device.



**Question:** What should I know about jumping my vehicle?

**Answer:** The first thing is a vehicle must have clean battery terminals before it can be jumped or started. So if it has not been used for a long period of time then the terminals should be cleaned. The next thing is to connect the jump cable supplied with the Micro-Jump. Watch the polarity and make sure the positive clamp is connected to the red (positive) "+" battery terminal. The black (negative) "-" battery terminal connects to the black clamp. Plug the blue connector into the Micro-Jump making sure the Master switch is in the "OFF" position. Turn the ignition on and start the vehicle. If the vehicle doesn't start leave the Micro-Jump connected for at least a minute of two before re-attempting to start. If the jump cables wires get hot, disconnect and give it time to cool. Disconnect immediately after vehicle starts. See page 6 for further details.

LCD display. The vehicle can be started when the battery level is 20% or above.



Before jump starting, turn the Micro-Jump master switch to "OFF".



Open the Plug and connect the jump cable blue connector... push connector in all the way.

**Question:** What happens if I connect the battery wrong or short the leads together?

**Answer:** The Micro-Jump is designed to protect itself from shorts. The unit itself will not be damaged but the jump cable assembly may be damaged and in need of replacement. Replacement cables are available from us; however, paying attention to make sure the cables are connected properly will save both time and money.

**Question:** How do I recharge the Micro-Jump battery?

**Answer:** The Micro-Jump includes two different methods for recharging its internal Lithium Battery. The first is the AC Charger that plugs into any wall outlet. Designed to work on any voltage from 100-260 vac... it can be used worldwide. The supplied Cigarette Lighter Cable is the other way available to recharge the internal Lithium Battery. Either method connects to the Input Voltage Plug on the Micro-Jump.

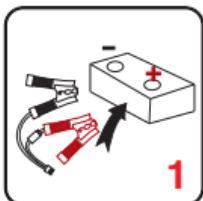
## ➤ Detailed layout of Micro-Jump ports and connectors

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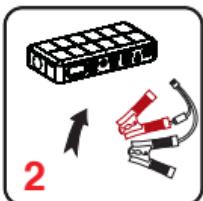


1. LED Emergency SOS, Blink, and Flashlight
2. Blue Battery Terminal Socket for the Jump Start Cable
3. LCD display for monitoring percentage of charge and charger voltage
4. Push Button On/Off and Mode Switch for flashlight and voltage settings
5. USB 5V/2A output for electronic devices x 2 ports
6. 12V/2A input for recharging the Internal Lithium Battery
7. Master switch needs to be "On" when recharging the Internal Lithium Battery and when using either the Flashlight or other Charging Ports.  
When jumping a vehicle it should be left in the "Off" position.
8. 12V / 16V / 19V output for laptops and computers

## > Correct steps for using the Jump Start capability



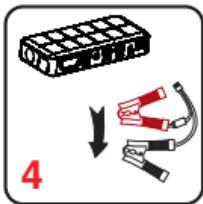
Connect the Red "+" clamp  
Connect the Black "-" clamp



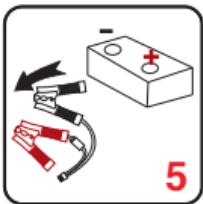
Plug the blue connector  
into the Micro-Jump



START the vehicle.  
if the vehicle doesn't start  
immediately, wait 30-60  
seconds and try again



Remove the blue connector  
from the Micro-Jump



Remove the clamps

### Operating instructions:

To start the vehicle, the first thing is to make sure the Micro-Jump is at least 20% charged; preferably more. The positive(+) battery post connects to the matching Red Clamp, the black negative(-) to the Black Clamp. Plug the Blue Connector into the Micro-Jump making sure it is fully inserted. Start the vehicle. If the vehicle does not start immediately allow 30-60 seconds before attempting to start the vehicle again. Immediately after the vehicle starts, remove the Blue Connector from the Micro-Jump, and finally release the Clamps from the battery. It's best to recharge the Micro-Jump after each use and at least once every three months when not used.

## > Product parameter

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- ◆ Output voltage at alligator clip end is 12V
- ◆ Dimension: 165\*78\*40mm
- ◆ USB output: 5V/2A
- ◆ Laptop output: 12V, 16V, 19V
- ◆ Charge mode: CC/CV 15V/1A
- ◆ Start current: 200-300A
- ◆ Peak Current 400-500A
- ◆ Cycle life: 1000 times
- ◆ Applicable temperature range: 0-85°C

## > Notice

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1. Recharge Micro-Jump at least every three months to keep the Lithium Batteries fully charged and ready to use. Use either the supplied AC Power-Supply or the Cigarette Lighter Cable.
2. During recharging, the Micro-Jump will get warm, this is normal operation until the internal battery is fully charged.
3. It is suggested to use the Micro-Jump under normal room temperatures and away from moisture, high temperature or flammable materials.
4. Store Micro-Jump in dry area away from moisture and corrosive materials.
5. Do not use harsh chemicals for cleaning the case or LCD Display. We recommend a mild soap and a damp cloth.
6. If the case ever bulges, or a chemical smell is present, STOP using the Micro-Jump and call for technical support immediately.
7. This is an electronic device and needs to be handled with care.
8. Keep away from Children, if used improperly it can be dangerous. Use Micro-Jump only after reading this manual fully. If questions arise call our technical support and they will help.
9. Do not throw the Micro-Jump in the trash or burn it. Dispose of this device as you would any battery, protect the environment.

Please carefully read this manual before using Micro-Jump



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Micro-Jump Multi-function Emergency  
[www.micro-jump.com](http://www.micro-jump.com)

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