

# 尺寸: B5 250X176mm 128克双面铜版纸

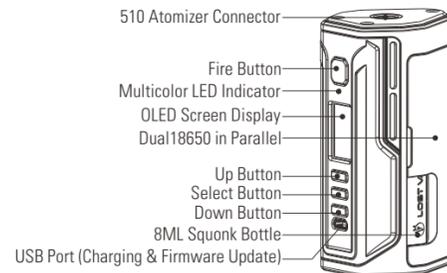
## USER MANUAL

Dual 18650 in parallel / **Replay**



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### 1. OVERVIEW



### 2. STANDARD PACKAGE

- 1 x Drone BF DNA250C Device
- 1 x Drone User Manual
- 2 x 8ML Squonk Bottles
- 1 x USB Cable
- 1 x OTG Adaptor

### 3. MAIN FEATURES

- Powered By Evolv Firmware Upgradable DNA 250C Board
- Dual 18650 Cells Setup For Long-Lasting Power
- Theme Designer Software/Customizable User Interface
- Temperature Limit: 200°F - 600°F
- Output Power: 1Watt - 200Watts
- Replay and Boost
- USB On-The-Go
- Body Material: UTEM & Die Cast Zinc Alloy
- Removable Battery Cover
- 8ML Food Grade Squonk Bottle
- Spring Loaded Nickel Plated Brass Center Pin
- Integrated 2A Onboard Charger
- Dimensions: 50\*96\*41.5mm

### 4. DNA 250C AND ESCRIBE

The DNA 250C is a power regulated digital switch-mode DC-DC converter for personal vaporizers. It features Evolv's patented Wattage Control, Temperature Protection, Preferred Puff, Preheat, full color TFT screen, On-The-Go USB, Reverse Polarity Protection, an onboard programmable multicolor LED, waterproof onboard buttons, and a real-time clock. Evolv's Escribe software and Theme Designer software can be used to fully customize all aspects of the interface and monitor the user experience. The DNA 250C runs on two lithium ion batteries, and features battery monitoring and an integrated 2A charger.

### OPERATING RANGE

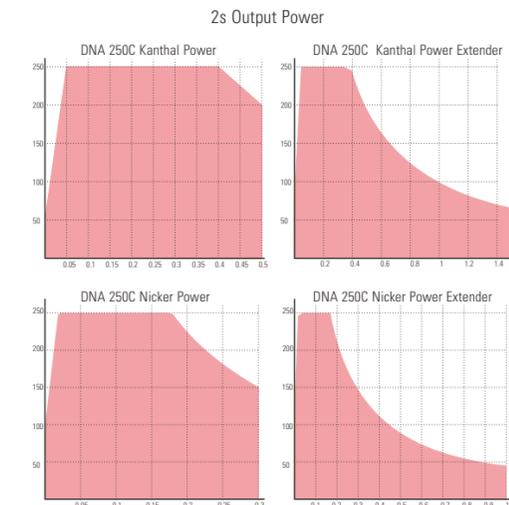
	Minimum	Typical	Max	Peak
Output power	1 Watt		400 Watts	
Output Voltage	0.2 Volts		10.0 Volts	
Output Current	0.5 Amps		65.0 Amps	70.0 Amps
Atomizer Resistance, temperature sensing wire,cold	See Graph	0.15 Ohm	See Graph	
Atomizer Resistance,Kanthal wire	See Graph	0.25 Ohm	See Graph	
Atomizer Resistance,cold	0.02 Ohm		8.0 Ohm	
Temperature Limit	200°F	450°F	600°F	
Input Voltage,unloaded	6.0 Volts	14.8 Volts	16.8 Volts	
Input Current		12.0 Amps	30.0 Amps	32.0 Amps
Screen On Current		21 mA		
Quiescent Current		10 mA		
Power Down Current		20 uA		
Efficiency		98%		

### SPECIFICATIONS

Footprint	0.79"x2.75"/20mmx70mm
Thickness	0.33"/8.5mm
Screen	0.9" 80x160 pixel Full Color TFT
Weight	15.85g

### OUTPUT POWER

The following graphs show the output power range of the DNA 250C as a function of the coil resistance.



### ESCRIBE

Escribe is a software package used to configure, monitor and modify the operation of your DNA 250C. It installs on a Windows PC and connects to your DNA 250C using the USB port. Escribe has a separate manual and tutorials which can be found on Evolv's site.

<http://www.evolvapor.com>

<http://www.evolvapor.com/manuals/EscribeManual.pdf>

### 5. ERROR MESSAGES

The DNA 250C will indicate a variety of error states.

**Check Atomizer:** The DNA has detected a large resistance change during operation, the atomizer has shorted out, or the atomizer resistance is incorrect for the power setting.

**Check Battery:** The battery is deeply discharged and needs to be charged, or is damaged. If this happens, the DNA 250C will not fire the atomizer. The Check Battery message will continue to display for a few seconds after attempting to fire the device. User should remove and replace the battery.

**Shorted:** The atomizer or wiring are short circuited.

**Ohms Too High/Low:** The resistance of the atomizer coil is too high/low for the current wattage setting. If this happens, the DNA 250C will continue to fire, but will not be able to provide the desired wattage. The Ohms Too High/Low message will continue to display for a few seconds after the end of puff.

**Temperature Protected:** The heating coil reached the maximum allowed temperature during the puff. If this happens, the DNA 250C will continue to fire, but will not be able to provide the desired wattage.

**Too Hot:** The DNA 250C has onboard temperature sensing. It will shut down and display this message if the internal board temperature becomes excessive.

### 6. REPLAY AND BOOST

#### REPLAY

Replay is a new feature introduced on the DNA 250C. Replay is intended to capture the flavor and satisfaction of the "perfect puff" and provide the same level of performance and consistency on all subsequent puffs. The use of Nickel, Stainless, Titanium, or other material that increases in resistance when heated is required. In addition, Replay will also prevent dry hits when used with wattage control.

#### BOOST

The DNA 250C supports Boost functionality when not used with a temperature sensing atomizer to briefly increase the initial power output at the start of a puff. This can be useful to allow higher mass coils to reach the point where they produce vapor quicker. Boost can be toggled on or off from the device. The Boost value is adjustable from 1 to 11 with a higher value giving a stronger Boost.

### 7. CHARGING AND USB ON-THE-GO

#### Charging the Batteries

##### Internal Charging

The DNA 250C has a built in 2A USB charger. It automatically detects the type of USB power supply it is connected to, so it can be plugged into standard PC USB ports or higher power chargers. The max charge current is based on the cell capacity as programmed in Escribe.

##### External charging

Remove batteries from device.  
Follow charging instructions with using charger.

##### USB On-The-Go

The DNA 250C supports USB On-The-Go. An OTG adaptor may be plugged into the Micro USB port on the device to charge any other device capable of charging via USB. Charging starts and stops automatically and OTG charging will not over-drain the DNA 250C.

### 8. PRECAUTIONS

Please read the following safety recommendations before using this device.  
(1) This device is intended for users over the age of 18, and not by minors, women who are pregnant or breast feeding, or people with or at risk of heart disease, high blood pressure, hypertension, diabetes, or taking medicine for depression or asthma.

(2) This products is sold purely for recreational purpose, it is not a smoking cessation product and has not been tested as such.

(3) Please ensure this product is kept away from extreme high and low temperatures and moist environment while in use or stored.

(4) The manufacturer is not responsible for any damage or personal injury caused by inappropriate, incorrect or irresponsible use of the device. Use of any illegal or prohibited products with this device will void the warranty.  
(5) Do not over-tighten the atomizer onto the 510 connector, the atomizer should be snug, not tight. over-tightening may cause damage to the threading and the delrin insulator.

(6) This is a high end and powerful device capable of providing a high voltage to the atomizer. We recommend only using the Dual 18650 batteries that are rated no less than 30A in a proper manner.

(7) Due care and attention must be followed when using this mod. This is for experienced vapers with extensive knowledge of how electronic devices work along with access to the appropriate safety tools. Please ensure proper precautions are taken when using these devices as to not cause damage and/or harm to the atomizer, device, or yourself. Use at your own risk.  
(8) Battery safety is very important. If you remove the battery from the device, please store it in a dry place, at room temperature, and away from direct sunlight. The batteries should never be left unattended while charging.

Please take extra care when you removing/replacing the battery. Always dispose of batteries in a safe manner, into a designated containers for battery recycling.

### 9. WARRANTY

LOST VAPE Drone BF DNA 250C is covered by a 6 months limited warranty from the date of your retail purchase. The warranty will be void if there are any signs that the product has been physically damaged, dropped or abused in any way.

For warranty issues, please contact LOST VAPE official retailers and distributors for their warranty and return policy. LOST VAPE's warranty does not apply to products purchased through unauthorized vendors. Designed and Manufactured by LOST VAPE LTD.



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