

USER MANUAL

New 100Watts Boost/Preheat Power Feature

Single 18650/20700/21700 Convertible

POWERED BY: EVOLV | DNA 75C



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1. INTRODUCTION

The Mirage DNA 75C is the first device that Lost Vape created to convert 3 types of single batteries which are 18650, 20700 and 21700. The top and body of the Mirage DNA 75C are made with resin and wood hybrid material. This creative design of resin and wood combination gives Mirage DNA75C an unique and phantasmagoric appearance.

The front of the Mirage DNA 75C features a full color TFT screen display, onboard programmable multicolor LED, waterproof onboard buttons, a real-time clock, adjustment buttons, and USB charging port. Along with the smart DNA 75C chip, the frame is made of anodized aluminum which makes the devices extremely light weight, and the bottom battery sled is built as flip open function to simplify the vaping operation.

It is the customisable user interface of the DNA 75 Color that impresses the Mirage DNA 75C. This advanced feature makes the operation of Mirage DNA 75C easy to maintain and operate. With theme designer software build in Escribe, the way of customization are endless, with 100% customisable user interface. In order to satisfy and spare vapers' needs and time, Lost Vape Mirage DNA 75C provides preset profiles in Nickel(Ni200), Titanium(Ti) and Stainless Steel(SS) coil builds for ready to go.

4. EVOLV DNA 75C

The DNA 75C is a power regulated digital switch-mode DC-DC converter for personal vaporizers. It features Evolv's patented Wattage Control, Temperature Protection, Preheat, Full Color TFT Screen, Reverse Polarity Protection, onboard programmable multicolor LED, waterproof onboard buttons and a real-time clock. The USB port, Evolv's Escribe software and separate Theme Designer software can be used to fully customize all aspects of the interface or monitor the user experience. The DNA 75C features battery monitoring and integrated 1A charger. The following graphs show the output power range of the DNA 75C as a function of the coil resistance.

Specifications

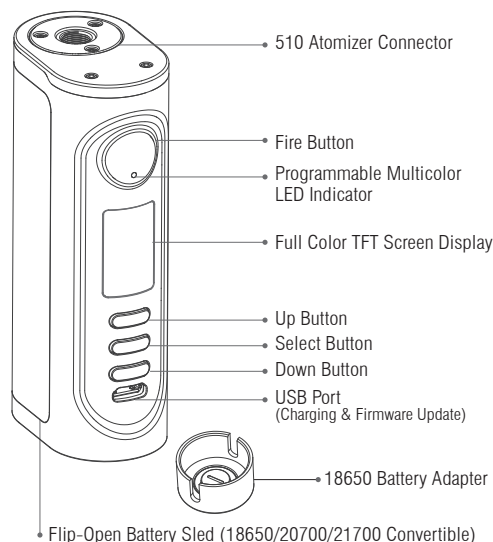
	Minimum	Typical	Max
Output Power	1 Watt		75CWatts
Output Voltage	.2 Volt		9.0 Volts
Output Current, continuous			30.0 Amps
Output Current, instantaneous peak			40.0 Amps
Atomizer Resistance, temperature sensing wire, cold	See Graph	.15 Ohm	See Graph
Atomizer Resistance, kanthal wire	See Graph	.25 Ohm	See Graph
Temperature Limit	200°F	450°F	600°F
Input Voltage	3.0 Volts	3.7 Volts	4.2 Volts
Input Current	.5 Amps	12.0 Amps	28.0 Amps
Input Current, pulse			32.0 Amps
Efficiency		85%	
Screen size	0.9"	80×160 px	Full Color TFT

2. MAIN FEATURES

- Powered by Evolv DNA 75C Board
- Wattage Control / Temperature Protection
- Full Color TFT Screen
- Theme Designer Software
- Customizable User Interface
- Escribe Software / Firmware Upgradable
- Onboard Programmable Multicolor LED
- Stainless Steel 510 Atomizer Connector
- Anodized Aluminum Frame
- Resin-Wood or Resin-Only Body
- Single 18650/20700/21700 Convertible
- Flip-Open Battery Sled
- Temperature Limit: 200°F-600°F
- Output Power: 1-75 Watts
- Integrated 1Amp On-board Balanced Charger
- Dimensions: 43.5mm*28mm*93mm

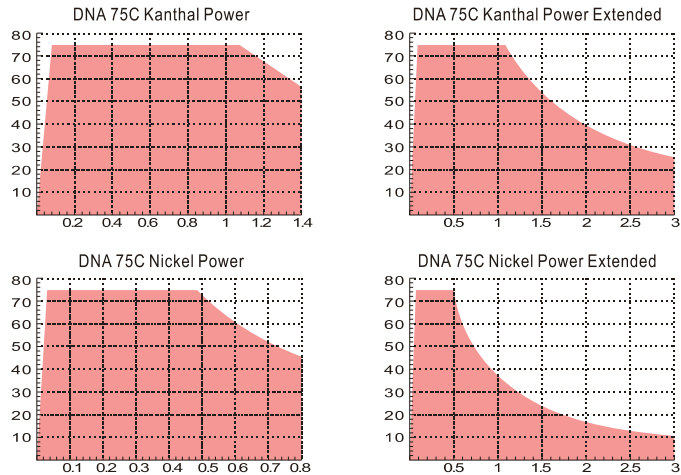
3. STANDARD PACKAGE

- 1 x Mirage DNA 75C Device
- 1 x USB Charging Cable
- 1 x Mirage Gift Box
- 1 x Mirage USER Manual
- 1 x 18650 Battery Adapter



Output Power

The following graphs show the output power range of the DNA 75C as a function of the coil resistance.



5. ESCRIBE

Escribe is a software package used to configure, monitor and modify the operation of your DNA 75C. It installs on a Windows PC and connects to your DNA 75C using the USB port. Escribe has a separate manual and tutorials which can be found on Evolv's site. Users must go to the Escribe and update the latest firmware before using the device.

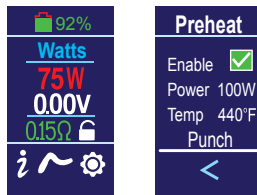
<http://www.evolvapor.com/>

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

6. DISPLAY OF DNA 75C

Display

The DNA 75C has a full color 80 x 160 px TFT screen.



7. ERROR MESSAGES

The DNA 75C will indicate a variety of error states.

Check Atomizer: The DNA does not detect an atomizer, the atomizer has shorted out, or the atomizer resistance is incorrect for the power setting.

Shorted: The atomizer or wiring are short circuited.

Weak Battery: The battery needs to be charged, or a higher amp rated battery needs to be used. If this happens, the DNA 75C will continue to fire the atomizer, but will not be able to provide the desired wattage. The Weak Battery message will continue to display for a few seconds after the end of the puff.

Check Battery: The battery is deeply discharged and needs to be charged, or is damaged. If this happens, the DNA 75C 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.

Temperature Protected: The heating coil reached the maximum allowed temperature during the puff. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage.

Ohms Too High: The resistance of the atomizer coil is too high for the current wattage setting. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage. The Ohms Too High message will continue to display for a few seconds after the end of puff.

Ohms Too Low: The resistance of the atomizer coil is too low for the current wattage setting. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage. The Ohms Too Low message will continue to display for a few seconds after the end of puff.

Too Hot: The DNA 75C has onboard temperature sensing. It will shut down and display this message if the internal board temperature becomes excessive.

8. BATTERY INSTALLING AND CHARGING

Installing Battery:

If using 18650, put the included battery adapter cap on the negative side of the 18650 battery, then place the 18650 battery into the device.

If using 20700/21700, just place the battery into the device.

External charging (Recommended):

Remove battery from device.

Follow charging instructions with using charger.

Internal charging:

The DNA 75C has a built in 1A 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.

9. 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 product 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 18650/20700/21700 battery that are rated no less than 30A.
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.

10. WARRANTY

LOST VAPE Mirage DNA 75C are 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.



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