

PIPELINE

VTC DUAL

INSTRUCTION MANUAL



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The **PIPELINE VTC DUAL** features a replaceable back cover that allows using one or two cells alternatively as you prefer. Maximum output is 75W with one cell or 150W with two cells.

PIPELINE VTC DUAL combines unique and attractive styling with a super large OLED screen, supporting RTC/VW/VT/Bypass/TCR modes. It also comes with upgradeable firmware and dual battery protection system.

**CAUTION:**

Please use high-rate 18650 cells with continuous discharge current rated  $\geq 25A$ . Use **ONLY** matched pairs of batteries for dual back cover. We kindly suggest you take out the cells and charge them with a stand alone charger.

510 Thread and Spring Connector

Fire Button

OLED Screen

Regulatory Button

USB-Port



## HOW TO USE

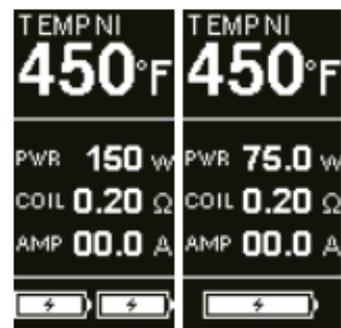
**1. Power on/off:** Hold the back cover and slide to take it off. Put the 18650 battery into the back cover and push it back into the body. Press the fire button 5 times in quick succession to turn the device on and off. Repeat the same operation to change the back cover which holds two cells. **Note: 1.** When using with single battery, maximum output and voltage will be 75W and 9V. With two batteries 150W and 9V can be reached respectively. Maximum discharging current stays at 50A.

**2. Please be careful not to use battery with torn shell for safety.**

**2. Vaping:** Press the fire button to start vaping. Note:  
Please adjust the wattage to a proper range according to your atomizer before use.

**3. Stealth function:** When the device is on, simultaneously hold the fire button and the left regulatory button. This will switch between Stealth on and Stealth off function. In Stealth on Mode, you can vape with the screen off. To quickly see your settings in stealth on mode, tap the fire button.

**4. Key lock function:** When the device is on, simultaneously press the two regulatory buttons. This will switch between key lock and key unlock function. While key lock is on, the regulatory button will not work to prevent accidental adjustments.



(dual batteries) (single Battery)

**5. Switch the display mode:** Press the two regulatory buttons simultaneously in power off state, the display will rotate 180 degrees.

**6. Set screen protection time:** When the device is on, simultaneously hold the fire button and the right regulatory button (on the bottom) to enter the settings screen. Press the right regulatory button again to enter screen protection time setting. Choose the protection time and press the fire button to confirm.

**7. How to set the time:** Press the fire button 3 times to enter the settings menu. The first row will flash to. Press the left regulatory button to switch between Hour, Minute, Year, Month and Day. Press the right regulatory button to adjust the parameter. (Note: only Year can be reversed by pressing the left regulatory button when adjusting). Also the PIPELINE VTC DUAL has two ways to display time: analog and digital.



**8. Logo Mode:** Press the fire button and the right regulatory button simultaneously to enter into the setting menu. Continue to press the right regulatory button for two times, and you will enter into the logo mode. Simply choose on/off by pressing the right regulatory button. Press the fire button to confirm.

### SWITCH BETWEEN DIFFERENT MODES:

Press the fire button 3 times to enter the settings menu. Press the right regulatory button to switch between TEMP, TCR, POWER and BYPASS modes. Press the fire button to confirm.

For TEMP or TCR mode, while flashing, press the left regulatory button to enter its subsidiary menu to set: VT, PWR, COIL and AMP. When adjusting VT, press the right regulatory button to switch between Temp Ni, Temp Ti and Temp SS316/ M1, M2 and M3 modes. Press the fire button to confirm. When the AMP row is flashing, press the right button to switch between AMP, PUFF and TIME.

### PWR-MODE:

#### **Power mode (VW):**

Using the control buttons you can increase or decrease the power. This can be accelerated by holding the button.

### BYPASS-MODE:

#### **Bypass mode:**

In Bypass mode, you can vape with the device unregulated. The device delivers the voltage of the battery to the atomizer. The pre-existing safety functions remain.

### TEMP-MODE:

#### **Temperatur mode:**

To use the TEMP mode, you need an atomizer with a coil made out of a temperature-control compatible wire. Use the control buttons to increase or decrease the temperature (100-315°C or 200-600°F). This can be accelerated by holding the button pressed.

#### **Calibrating the resistance in TEMP mode (lock mode):**

Press the fire button three times to enter the menu. Press the left control button twice until the third line flashes. Press the right control button to calibrate the resistance. The lock icon (Lock) appears on the display when the atomizer is calibrated. **NOTE: Please calibrate your atomizer at room temperature (about 20°C) so the correct „base resistance“ can be found.**

### Calibrating a new atomizer:

Please unlock the resistance before you change to a different atomizer or temperature control will not work correctly. When changing an atomizer or a coil, you need to „reset“ the calibration. Hold down the fire button whilst the atomizer is removed to initiate the „Reset“. After re-installing the atomizer the display shows „New Coil Right, Same Coil Left“. Press the right control button to re-calibrate. If you do not want a new calibration (to use the old atomizer again) press the left control button. Please do not forget to choose the correct operating mode for the appropriate wires.

### Setting the power in TEMP mode:

Press the fire button three times to enter the menu. Press the left control button once until the second line flashes. Press the right control button to adjust the power and press the fire button to confirm.

### Temp-SS316:

The Temp-SS316 mode is especially designed for stainless steel 316 coil. For example when using a BF-SS316 atomizer head.

### TCR-MODE:

**TCR (M1, M2, M3):** With the TCR (Temperature Coefficient of Resistance) function available on the PIPELINE VTC DUAL, you can customize your temperature control coils (Ni, Ti, SS) on your own. For TCR mode, while the mode indication is still flashing, press the left regulatory button and the sub-menu items (M1, M2, M3) will flash. Press the right regulatory button while it is still flashing to switch between M1, M2 and M3. Press the fire button to confirm.

### How to set the TCR:

In power-off condition, press the fire button and the right regulator simultaneously for about 5 seconds to enter into the TCR set menu:

1. Press right/left regulator to choose between TCR M1, M2 or M3;
2. Then press the fire button to select certain parameter;
3. Press the regulator to set the parameter;
4. Long press the fire button or leave it for about 10 seconds to confirm.



Here's the TCR Value Range for your reference as follows:

Material	Nickel	Titanium	NiFe	SS(303, 304, 316, 317)
TCR Value Range	600-700	300-400	300-400	80-200

**Note:** 1. The TCR value in the above form is  $10^5$  multiplied of its actual value. 2. The TCR value range is 1-1000.

#### CHARGING THE BATTERY:

**Charging & Upgrading:** Please use high-rate 18650 cells with continuous discharge current rated  $\geq 25A$ .

**Use ONLY matched pairs of batteries for dual back cover.** We kindly suggest you take out the cells and charge them with a stand alone charger. The micro USB port is on the top of the left side. Connect it with a micro USB cable to charge or upgrade your device.

#### MALFUNCTION INDICATION AND PROTECTION:

**Over 10 Second Protection:** When the power button is pressed for over 10 seconds, the output will shut off and the OLED Screen will display "Over 10s protection".

**Atomizer Short-circuit Protection:** When atomizer short-circuit occurs, the OLED Screen will display "Atomizer Short".

**Weak Battery Alert:** In VT/VW mode, when the device installed with an atomizer is working and the voltage of battery is below 2.9V, the device shows "Weak Battery". Meanwhile, the output power will be reduced accordingly.

**Low Power Alert:** If the voltage of your battery drops below 3.3V, the device shows: Battery Low. If you continue to press the fire button, the device shows "Battery low lock" and cannot work. Please recharge the battery to reactivate.

**Unlocking Battery Low:** As soon as charging has commenced low-voltage protection will be unlocked.

**Atomizer Low Alert:** If the resistance of your atomizer is lower than 0.1 ohm in VW mode or lower than 0.05 ohm in VT mode, the OLED screen will display "Atomizer Low".



Atomizer  
Low

**Temperature Protection:** In VT mode, if the actual coil temperature is higher than the set temperature, the device shows "Protection".

**Temperature Alert:** If the temperature of device is over 70°C, the output will shut off automatically and the screen will display "Device Too Hot".

### SPECIAL FOR DUAL BATTERIES

**Imbalanced Batteries:** If the voltage difference between the two cells reaches to 0.3V or higher, "Imbalanced Batteries" will appear on the screen when plugged the cable.

**Charge Error:** If the device detects no charging current while plugged into the charger, the screen will show "Charge Error".

**Check Battery:** When the device is powered on and plugged into the charger, if the cells are not put inside or with reversed polarity, the screen will show "Check Battery".

**Check USB Adapter:** If the voltage of the USB Adapter is 5.8V or higher, the screen will appear "Check USB Adapter" when plugged into the charger or pressing the fire button.

Imbalanced  
Batteries

Check  
Battery

### NOTES:

- Please do not open the mod. Repairs may only be performed by the manufacturer.
- Do not expose the Pipeline VTC DUAL to extreme temperatures.  
Charging is possible between 0°C and 45°C and vaping between -10°C and 60°C.

### WARRANTY:

6 month warranty.

The warranty is not applicable by damage caused due to improper use or unauthorized repair.

### BATTERY RECYCLING:

You have purchased from us a battery-powered product. The battery will provide you with long service and when it reaches the end of its life it must be disposed of responsibly. Batteries cannot be disposed of in household waste and must be taken to a recycling point, alternatively you can return the battery to:

**PIPELINE GmbH – Amalienstr. 51 – 80799 München - Germany**

Batteries contain valuable raw materials that can be recycled. The environment and PIPELINE say thank you.

WEEE Reg no. DE10791500. eCigarettes are not suitable for children under the age of 18, non-smokers, people with allergies to nicotine and propylene glycol, pregnant or breastfeeding women and people with cardiovascular diseases. Our products are not for sale to, or use by anyone under the age of 18 years!

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