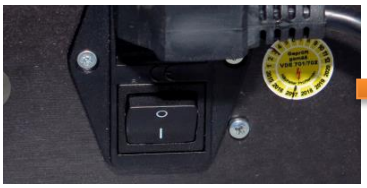
Starting of the Taifun® LTB



Power on
The LTB is switched on by the main switch (on the back side).

LED Check 1
All 10 LED lights will briefly turn red.

LED Check 2
All 10 LED lights will briefly turn green.

Status display of functions
The LED Pos. 1-6 (from left to right) light up briefly and indicate the current status
(green = activated,red =deactivated)

Then the Taifun® LTB is ready for use.

Status display of the Taifun® LTB (during power on) in delivery status

1. Liquid detection (detects an leaking atomizer)
   standard: green = activated
2. Lack of liquid detection (detects a dry wick)
   standard: red = deactivated / standard wire mode is active
3. Antitheft / Alarm (optional function)
   standard: red = deactivated
4. **Blue** lightning
   standard: green = activated
5. **Green** lightning
   standard: red = deactivated
6. **Red** lightning
   standard: red = deactivated

Status display and error display of the Taifun® LTB (during use)

Status	Description	Troubleshooting
Single LED is off	No Atomizer detected or keylock activated (press key 5 times)	Screw in the atomizer or deactivate the keylock (press key 5 times).
Single LED is **GREEN**	Ready to use. Valid atomizer detected.	-
All LEDs are **GREEN** (changing)	Stand-By-Mode. After a few minutes the LTB goes into the standby mode. The status indicator blinks green from left to right.	Press any key, to leave the stand-by-mode.
Single LED flashes **GREEN**	Button is pressed. Vaping is in progress.	-
Single LED is **RED**	The electronics has detected an overload or a short circuit. The electric current is higher than the maximum of 5 A. Further checking by pressing again.	Change the atomizer or the coil. Reduce the power (on the back side). Further checking by pressing again.
Single LED flashes **RED** (once per second)	Lack of liquid during vaping detected. Only works with thermal wire (NiFe30).	Refill the tank with liquid. Then a reset is required (turn off, wait 5 sec., turn on).
Single LED flashes **RED** (twice per second)	Leaking Atomizer detected.	Cleaning is required.
All LEDs flashing **RED**	Temperature protection, the LTB is overheated.	Wait until the device has cooled down again and the display of LEDs is back to normal.

Further functions of the Taifun® LTB

Turn on/off keylock

Press the key 5 times

Now you can remove the atomizer.

Adjusting the voltage

With the power switch on the back, the voltage can be adjusted (7 positions).

The lowest setting (left) is 3.4 volts, the maximum setting (right) is 4.6 volts.

The maximum current is 5 amps.

Liquid detection

It is required to give two drops of the saline solution into the connection chamber.
Now the sensor (see picture) can detect the liquid.

Antitheft
(optional function)

It sounds an alarm if the atomizer is removed.

To stop the alarm you have to screw the atomizer back on.

Turn functions of the Taifun® LTB on/off

To activate/deactivate a function it is necessary to turn the Taifun® LTB off by using the main switch on the back side. Then you have to turn on the Taifun® LTB again, while holding the the corresponding key (1-6).

Important: between turn off and on again, there should be a minimum of 5 sec. waiting time to clear the memory.

- If a function is active, it is deactivated by this operation (**GREEN** change to **RED**).
- If a function is deactivated, it is activated by this operation (**RED** change to **GREEN**).
- You can only activate or deactivate one function simultaneously.

Example A: Switch to red lightning

In delivery status the lighting is turned to blue. To change it to red, these steps are necessary:

Step 1

Turn off the LTB by using the main switch on the back side.

Step 2

Press the button #6 and keep it pressed.

Step 3

With the other hand you turn the device back on.

Step 4

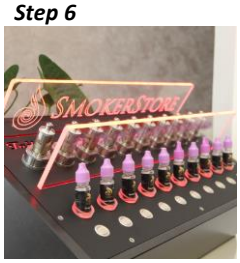
It starts with the initial LED check 1 and LED check 2. Then the LEDs pos. 1-6 (from left to right) light up briefly and indicate the current status
Keep button #6 pressed.

Step 5

The LED #4 and #5 will light up red now (disabled).
The LED #6 lights up green (activated).

The red light is now activated.

Step 6



Release button #6 now.
The lightning is switched to red.

Example B: Turn on lack-of-liquid detection

By default, the lack-of-liquid detection is turned off and standard wire mode is active. To use the lack-of-liquid detection, you need coils made of thermal wire (NiFe30).

Step 1

Turn off the LTB by using the main switch on the back side.

Step 2

Press the button #2 and keep it pressed.

Step 3

With the other hand you turn the device back on.

Step 4

It starts with the initial LED check 1 and LED check 2. Then the LEDs pos. 1-6 (from left to right) light up briefly and indicate the current status
Keep button #2 pressed.

Step 5

The LED #2 will light up green now.

As long as you keep the button pressed, the status will be displayed.

Step 6

After releasing the button, the coil will be tested.

If one of the LEDs (1-9) lights up green, the coil is accepted.

If the LED #10 lights up red, the coil is not accepted and the function will not be activated.

Recommended wire resistances and voltages

Mode	Wire	Resistance	Voltage
standard wire mode	Kanthal, NiCr	1,00 Ω +/- 0,1 Ω	U = 4,4 V
lack-of-liquid detection mode	Dicodes thermal wire (NiFe30)	0,5 - 0,6 Ω at room temperature	U = 4,0 Vt