

OPERATION MANUAL



NOTE: Tasmota is not a commercial product and support is limited. You must be willing to independently investigate and resolve potential issues.

Detailed information about connection, changing settings and modifications is presented on the website " <https://tasmota.github.io/docs/> "

description

The smart Wi-Fi street outlet NOUS A4T with Tasmota open software installed (hereinafter referred to as the smart outlet) is designed to organize automatic and manual shutdown of electrical appliances, through remote access via a Wi-Fi network, using a smartphone or from a personal computer via the Web interface. Communication with the smart outlet is configured via a Wi-Fi network, for which a wireless Wi-Fi adapter is used. The smart extension cord is equipped with a mechanical button and a global indication of the device's status. The smart extension cord is equipped with electromechanical relays. The device has an energy monitoring function.



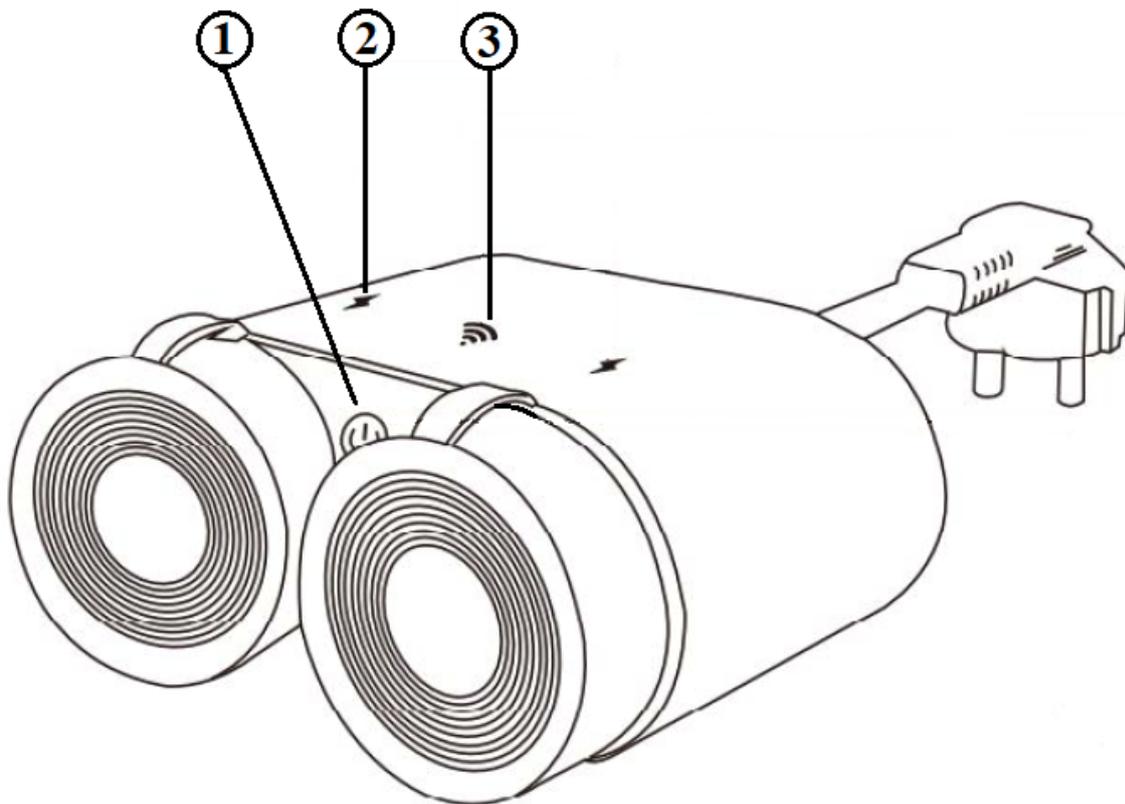
ATTENTION: The connection of a smart socket with a Wi-Fi network cannot be guaranteed in all cases, as it depends on many conditions: the quality of the communication channel and intermediate network equipment, the brand and model of the mobile device, the version of the operating system, etc.

PRECAUTIONS

- Read this manual carefully.
- Use the product within the temperature and humidity limits specified in the technical data sheet.
- Do not install the product near heat sources, such as radiators, etc.
- Do not allow the device to fall and be subject to mechanical loads.
- Do not use chemically active and abrasive detergents to clean the product. Use a damp flannel cloth for this.
- Do not overload the specified capacity. This may cause short circuit and electric shock.
- Do not disassemble the product yourself - diagnostics and repair of the device must be carried out only in a certified service center.

- Please contact the seller for a replacement if there is damage caused by shipping.
- Please insert the plug into the outlet in proper condition and away from children.
- For safety reasons, insert the plug fully into the outlet when in use.

Design and controls

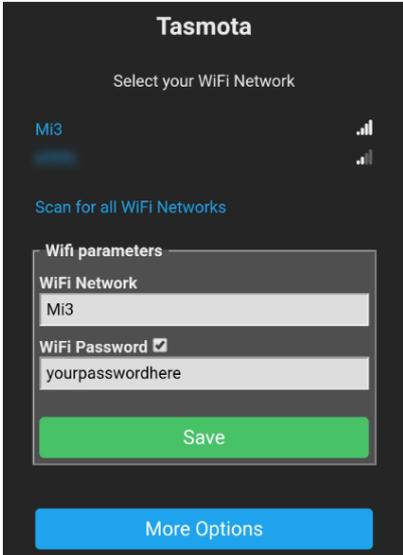


No.	Name	description
1	Button	A short press of the button switches the device "ON" "OFF".
2	Socket indicator	Shows the current state of the outlet
3	Network indicator	Shows the current Wi-Fi connection status

Connection

A smartphone or personal PC is required to connect the Nous A4T smart socket.

The procedure for connecting a smart socket to a Wi-Fi network:

1	Make sure that the frequency range of the network to which the device will be connected is 2.4 GHz, otherwise the smart socket will not connect, as it is not designed to work with 5 GHz Wi-Fi networks;
2	Turn on the smart socket to the network. On the PC, the access point "tasmota-xxxxxxx" should appear in the list of networks, if the access point is not detected, you need to perform a "RESET" according to point 11
3	Connect to hotspot "tasmota-xxxxxxx"
4	After connecting to the access point, the browser will automatically open and go to the link 192.168.4.1, if this operation was not followed, then you need to open the browser and enter 192.168.4.1 in the address input field
5	On the open page, you need to select your access point and enter its password in the field below and click "Save"
	
6	When the connection is complete, the inscription "Successfully connected to Wi-Fi" and the address of your device on the network will appear
7	Connect to your Wi-Fi network and go to the address that was specified in point 6
8	You will need to calibrate the device for the power source. You can find how to do it here: https://tasmota.github.io/docs/Power-Monitoring-Calibration/
9	The smart socket is ready for use. The template and rules are already activated, but if you need it later, you can find it below

NOUS A4T
Tasmota

Voltage	0	V
Current	0.000	A
Active Power	0	W
Apparent Power	0	VA
Reactive Power	0	VAR
Power Factor	0.00	
Energy Today	0.000	kWh
Energy Yesterday	0.000	kWh
Energy Total	0.000	kWh

OFF OFF

Toggle 1 Toggle 2

Configuration

Information

Firmware Upgrade

Console

Restart

Tasmota 12.5.0.3 by Theo Arends

Template parameters

Name: NOUS A4T
Based on: Generic (18)

GPIO0	None	
GPIO1	HLWBL SEL_j	
GPIO2	None	
GPIO3	LedLink_j	
GPIO4	HLWBL CF1	
GPIO5	BL0937 CF	
GPIO9	None	
GPIO10	None	
GPIO12	Relay	1
GPIO13	Relay	2
GPIO14	Button	1
GPIO15	None	
GPIO16	None	
GPIO17	None	

Save

10

```
{"NAME":"NOUS A4T","GPIO":[0,2624,0,576,2656,2720,0,0,224,225,32,0,0,0],"FLAG":0,"BASE":18}
```

Tasmota

1. go here

2. Enter template

3. activate checkbox

4. press save

5. device will reboot and template will be active

Other parameters

Template: ["NAME":"NOUS A4T","GPIO":[32,0,0,0,2

Web Admin Password

HTTP API enable

MQTT enable

Device Name (Tasmota): Tasmota

Friendly Name 1 (Tasmota): Tasmota

Emulation: None, Belkin WeMo single device, Hue Bridge multi device

Save

Configuration

Tasmota 13.2.0 by Theo Arends

eleven

To reset the smart socket to factory settings, you need:
Plug and unplug the device 6 times and leave it on for the 7th - the LED should start flashing, this means the smart socket is ready to be connected again;
if there is access to the web interface, then type " **reset 1**" in the console and press "enter"

Tasmota is a highly extensible and flexible application that can be integrated with:
Alexa, AWS IoT, Domoticz, Home Assistant, Homebridge, HomeSeer, IP Symcon, KNX, NodeRed, nymea, OctoPrint, openHAB, Otto, IOBroker, Mozilla WebThings Adapter, SmartThings, Tasmohab, Homematic ip тощо.
for more information see here: <https://tasmota.github.io/docs/Integrations/>