

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 NOUS A8T Wi-Fi smart socket with Tasmota open software installed (hereinafter referred to as the smart socket) is designed to organize automatic and manual shutdown of electrical appliances in the room, 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 socket is equipped with a mechanical button and a global indication of the device's status. The smart socket is equipped with an electromechanical relay and supports the **Matter** protocol . The device has an energy monitoring function and a temperature sensor.



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.

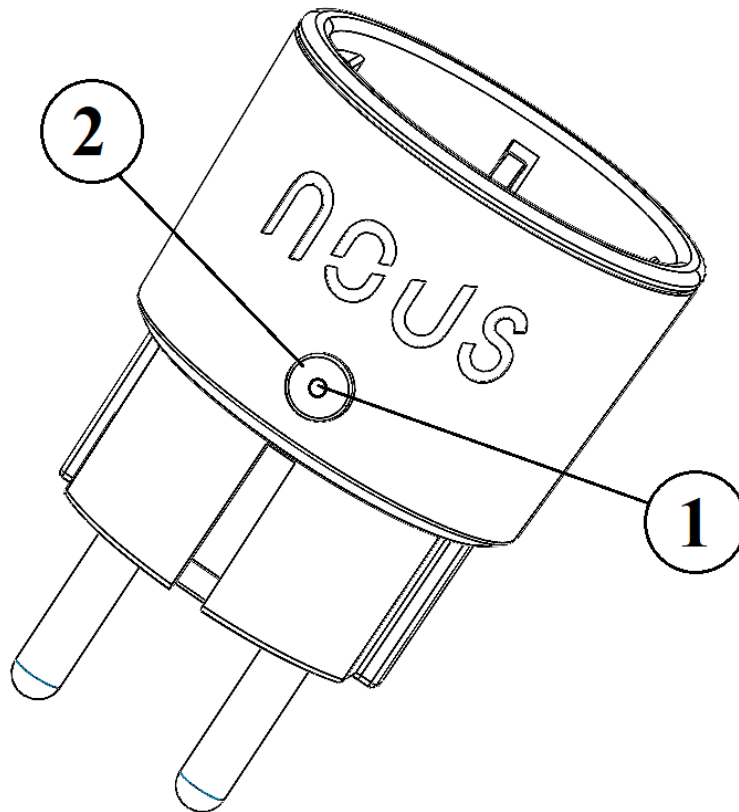
PRECAUTIONS

- 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



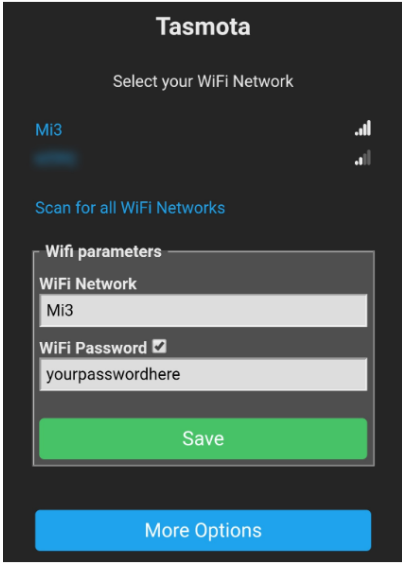
No.	Name	description
1	Indicator	Shows the current state of the device
2	Button	A short press of the button switches the device "ON" "OFF".

Connection

A smartphone or personal PC is required to connect the Nous A8T 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, since the smart socket 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 A8T 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 Matter: No active association Commissioning open for 9 min Manual pairing code: 3003-822-6686  MT:Y.K90C0R15JRL304Z00 ESP32 Temperature 75.6 °C OFF Toggle Configuration Information Firmware Upgrade Consoles Restart	
	NOUS A8T Tasmota Template parameters Name NOUS A8T Based on ESP32-DevKit (1) GPI00 User GPI01 User GPI02 Led_i 1 GPI03 User GPI04 Button 1 GPI05 User GPI06 None GPI07 None GPI08 None GPI09 User GPI010 User GPI011 None GPI012 User GPI013 Relay 1 GPI014 HLWBL_SEL_i GPI015 User GPI016 User GPI017 User GPI018 User GPI019 User GPI020 None GPI021 User GPI022 User GPI023 User GPI024 None GPI025 User GPI026 HLWBL CF1 GPI027 BL0937 CF GPI032 User GPI033 User	
10	["NAME":"NOUS A8T","GPIO":[1,1,576,1,32,1,1,1,1,224,2624,1,1,1,1,0,1,1,1,0,1,1,0,1,2656,2720,0,0,0,0,1,1,1,1,1,0,0,1],"FLAG":0,"BASE":1} for further configuration, it is necessary to enter the following command in the console of the device: SetOption146 1 The template must be entered in the "Template" field, check the "Activate" box and save the changes: Tasmota Other parameters Template ["NAME":"NOUS","GPIO":[32,0,0,0,2 Activate 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	
11	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 outlet is ready to be plugged in again; if there is access to the web interface, then type " reset 1" in the console and press "enter"	
12	To connect the device to smart home systems using the Matter protocol , read the following information: https://tasmota.github.io/docs/Matter/	
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/		

