Manuals+ — User Manuals Simplified.

A8T Wi-Fi
Smart Socket

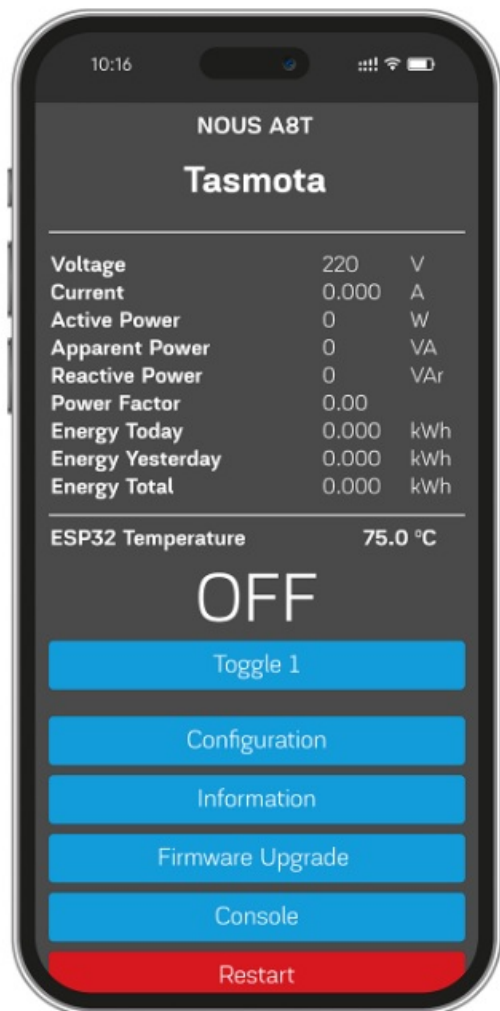# NOUS A8T Wi-Fi Smart Socket Instruction Manual

Contents

NOUS A8T Wi-Fi Smart Socket

Specifications

- **Product Name**: Nous A8T Smart Socket
- **Compatibility:** Works with 2.4 GHz Wi-Fi networks
- **Control:** Button for ON/OFF control

Product Usage Instructions

Connection to Wi-Fi Network

1. Ensure your Wi-Fi network operates in the 2.4 GHz frequency range.
2. Turn on the smart socket and look for the access point "tasmota-xxxxxxxx" on your PC or smartphone.
3. Connect to the hotspot "tasmota-xxxxxxx".
4. If the browser does not automatically open, navigate to 192.168.4.1 in the address bar.
5. Select your Wi-Fi network, enter the password, and save the settings.
6. Upon successful connection, you will see a confirmation message.
7. Connect to your Wi-Fi network and access the specified address.

Power Source Calibration
Calibrate the device for power source by following the instructions provided [here](#).

Factory Reset

1. Plug and unplug the device six times and leave it connected on the seventh time until the LED starts flashing.

2. If web interface access is available, type "reset 1" in the console and press enter.

Further Configuration
To configure additional settings, enter the following command in the device console: SetOption146 1. Enter the template in the designated field, check the Activate box, and save changes.

OPERATION

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 the connection, changing settings, and modifications is presented on the website "
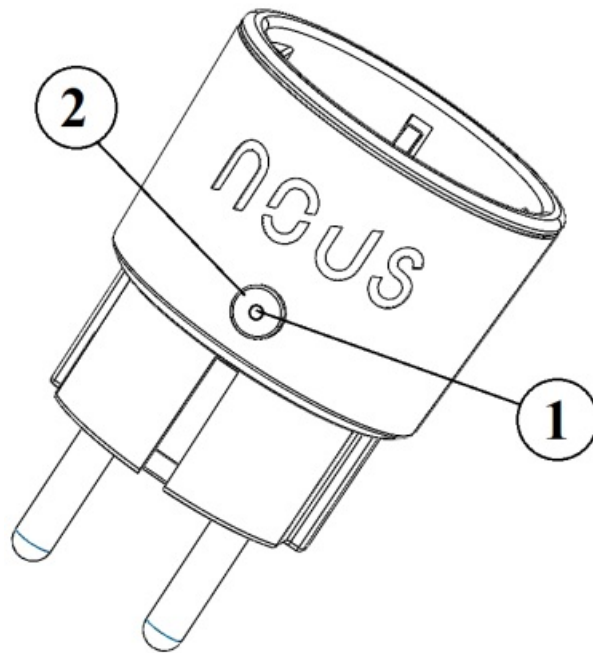**https://tasmota.github.io/docs/** "

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-xxxxxxxx" 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 ºC

OFF

Toggle

Configuration

Information

Firmware Upgrade

Consoles

Restart

NOUS A8T

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Template parameters

Name	NOUS A8T
Based on	ESP32-DevKit (1)

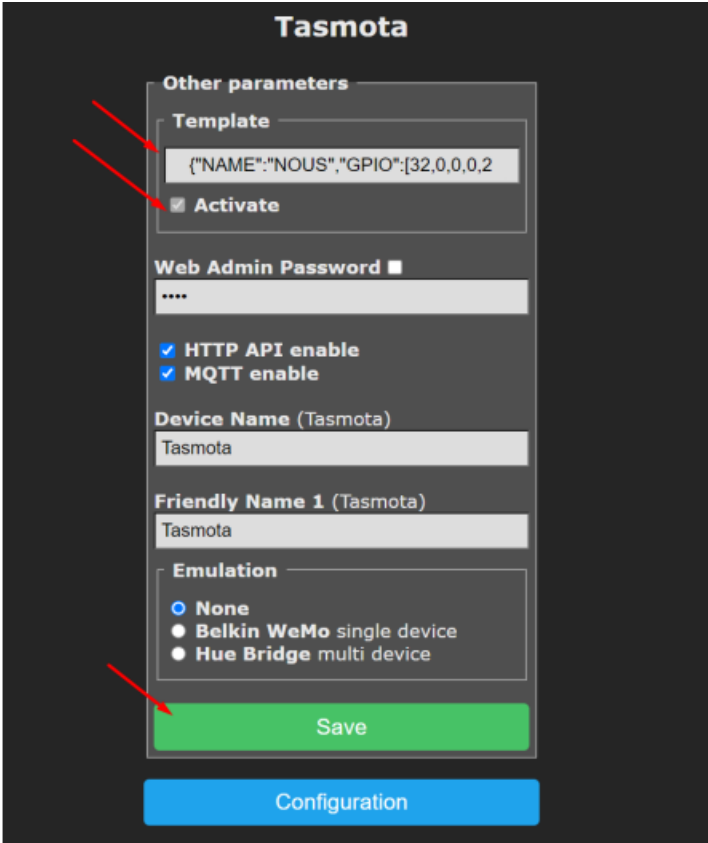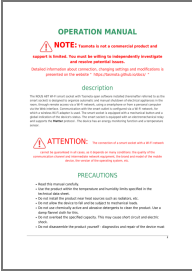|		
GPIO0	User	
GPIO1	User	
GPIO2	Led_i	1
GPIO3	User	
GPIO4	Button	1
GPIO5	User	
GPIO6	None	
GPIO7	None	
GPIO8	None	
GPIO9	User	
GPIO10	User	
GPIO11	None	
GPIO12	User	
GPIO13	Relay	1
GPIO14	HLWBL SEL_i	
GPIO15	User	
GPIO16	User	
GPIO17	User	
GPIO18	User	
GPIO19	User	
GPIO20	None	
GPIO21	User	
GPIO22	User	
GPIO23	User	
GPIO24	None	
GPIO25	User	
GPIO26	HLWBL CF1	
GPIO27	BL0937 CF	
GPIO32	User	
GPIO33	User	

10	{"NAME":"NOUS A8T","GPIO": [1,1,576,1,32,1,1,1,1,224,2624,1,1,1,1,1,0,1,1,1,0,1,2656,2720,0,0,0,0,1, 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:
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, Octo Print, openHAB, Otto, IOBroker, Mozilla WebThings Adapter, SmartThings, Tasmohab, Homematic ip тощо. for more information see here: **https://tasmota.github.io/docs/Integrations/**	

FAQ

- **Q: What should I do if I encounter issues connecting the smart socket to Wi-Fi?**

- A: Make sure your Wi-Fi network is operating on the 2.4 GHz frequency range and follow the steps outlined in the user manual carefully. If issues persist, refer to the troubleshooting guide on the Tasmota website.
- **Q: How can I reset the smart socket to factory settings?**
  - A: Follow the factory reset instructions provided in the user manual. If needed, access the web interface and type "reset 1" in the console.

Documents / Resources

	[NOUS A8T Wi-Fi Smart Socket](#) [pdf] Instruction Manual A8T Wi-Fi Smart Socket, A8T, Wi-Fi Smart Socket, Smart Socket, Socket

References

- ⌂ **[Tasmota Documentation - Tasmota](#)**
- ⌂ **[About - Tasmota](#)**
- ⌂ **[Smart Home Integrations - Tasmota](#)**
- ⌂ **[Matter - Tasmota](#)**
- ⌂ **[Power Monitoring Calibration - Tasmota](#)**
- **[User Manual](#)**