



Livi Socket smart socket manual

DESCRIPTION

The Livi Socket (hereafter referred to as the socket) is designed for remote control of domestic machines and electrical appliance with powers of up to 3.5 kW.

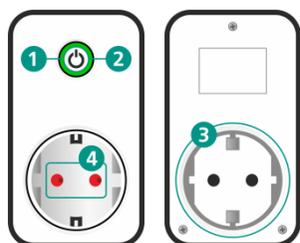
There are two ways to turn on / turn off the appliance plugged into the socket:

1. On the user command, remotely submitted through the [Livicom app](#).
2. Automatically, when [Livi Smart Hub](#) (hereafter referred to as the hub) runs a script.

The socket is able to work as a thermostat to control electric heaters with powers of up to 3.5 kW. The socket measures instant voltage and power consumption, and transmits the measurements to the hub.

An indicator (1) and a function button (2) are located on the socket enclosure. The indicator allows users seeing whether the socket is on or off. The function button allows turning on and turning off the device without the Livicom app. The socket has a white plastic enclosure. The plug of the socket (3) has earthing contacts. The socket has child-proof socket shutters (4). The socket can be plugged into a CEE 7/4 standard AC outlet.

SOCKET APPEARANCE



1. LED indicator
2. Function button
3. CEE 7/4 standard AC plug with earthing contacts
4. Child-proof socket shutters

PRECAUTIONS

DO NOT open the socket enclosure

Observe the general electrical safety rules and regulations when operating the socket.

BINDING THE SOCKET TO THE HUB

The socket must be unpacked and allowed to reach room temperature for at least two hours before handling if it was transported or stored at low temperatures.

1. Plug the socket into a CEE 7/4 standard AC outlet (230 V mains). The socket indicator will start blinking blue once the socket is switched to the binding mode.
2. In the Livicom app, open the "Devices" screen. In the upper right corner of the screen tap  and select "Add Device". The socket indicator will blink green 5 times after successful binding.

The socket switches to the binding mode only for 60 seconds. If you have not bound it to the hub within this period, plug the socket out of the power outlet for 10 seconds and replug it into the outlet. The socket will switch to binding mode again.

CHOOSING A LOCATION FOR THE SOCKET

The socket is designed to be plugged into a CEE 7/4 standard AC outlet with earthing contacts (230 V mains).

DO NOT mount the socket:

- outdoors;
- in metal boxes and electrical panels;
- in places with high humidity, or at temperatures exceeding the operating temperature range (see "Specifications" table).

EVALUATING SIGNAL STRENGTH

Check the quality of the connection between the socket and the hub at the intended location of the socket. There are two ways to evaluate the signal strength:

1. In the Livicom app, on the socket settings screen.
2. With the help of the LED indication on the socket. Double-click on the function button and look at the socket indicator. Interpret the indication using the table below.

Good signal	The indicator blinks green 3 times
Average signal	The indicator blinks green twice
Poor signal	The indicator blinks green once
No connection	The indicator blinks red 4 times

CHECKING THE SOCKET OPERATION

Send to the socket a turn on command through the Livicom app to check the socket functionality. Make sure that the power load plugged into the socket is turned on and the socket indicator lights green. Then send to the socket a turn off command through the Livicom app. Make sure that the power load is turned off and the socket indicator is not lit.

DO NOT use the socket and contact technical support (mail to: support@livicom.ru) if you see an incorrect operation of the socket.

ATTENTION

In case of power failure the socket will turn on automatically after power recovery, if the hub continues to run on battery power and the socket has been turned on before the failure.

The socket will stay turned off after power recovery if the hub stops running due to power loss even if the socket has been turned on before the failure.

DO NOT plug the socket out of the power outlet if the connected device is turned on

Make sure that you have turned off the connected device before plugging the socket out of the 230 V mains.

DELETING THE SOCKET (UNBINDING FROM THE HUB)

There are two ways to unbind the socket from the hub:

1. In the Livicom app, on the socket settings screen.
2. Using the button (2). Plug the socket out of the power outlet for 30 seconds. Replug the socket into the outlet and quickly press on the function button until the socket indicator starts blinking blue.

SOCKET MAINTENANCE

Keep the socket free of dust and dirt.

Do not wipe the socket with substances containing alcohol, acetone, gasoline and other active solvents

SPECIFICATIONS

Operating frequency	868 MHz
Radio communication range*	1000 m
Radio channel power	25 mW
Period of sending test events to the hub	2 minutes
Handled power	up to 3500 W
Resistive load (cosφ=1)	up to 16 A
Inductive capacitive load (cosφ=0,4)	up to 2,6 A
Power supply	from 90 to 250 V (50/60 Hz)
Power consumption	up to 1 W
Socket standard	EU VDE
Enclosure material	ABS – plastic
Voltage protection	from 161 to 264 V
Maximum current protection	16 A
Temperature protection	70 °C
Energy consumption monitoring	instant voltage and power consumption measurement
Operating temperature range	from -20 to +55 °C
Relative humidity	no more than 80% at 25 °C
Dimensions	108 x 58 x 70 mm

* Radio communication range is the maximum distance between the hub and the socket in line of sight and without interference.

SUPPLY SET

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LED INDICATION

The socket is turned on	The indicator lights green
The socket is turned off	The indicator is not lit
Binding mode	The indicator blinks blue for 1 minute
Confirmation of successful binding	The indicator blinks green 5 times

WARRANTY

The manufacturer LLC "NPP Stels" guarantees that the socket meets AGNS.421453.001 TU technical requirements, provided that the consumer complies with the conditions of transportation, storage, installation and operation.

The warranty period is 5 years from the manufacturing date.

The warranty does not cover the following cases:

1. non-compliance with the intended operating conditions;
2. Mechanical damage to the socket;
3. Repairs to the socket by a third party (a person or a company other than the Manufacturer).