

sinum CJP-01 Wireless Particulate Concentration Sensor



sinum CJP-01 Wireless Particulate Concentration Sensor Instructions

[Home](#) » [Sinum](#) » sinum CJP-01 Wireless Particulate Concentration Sensor Instructions 

Contents

- [1 sinum CJP-01 Wireless Particulate Concentration Sensor](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Menu](#)
- [5 Technical data](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)



sinum CJP-01 Wireless Particulate Concentration Sensor



Product Information

Specifications

- **Power supply:** Battery-operated
- **Max. current consumption:** Not specified
- **Operation temperature:** Not specified
- **Sensor type:** SPS30 SENSIRION
- **Operation frequency:** Not specified
- **Max. transmission power:** Not specified

Product Usage Instructions

Setting Up the Device

To set up the CJP-01 device, follow these steps:

1. Turn on the device by pressing the power button.

2. Access the settings menu by navigating through the options.
3. Set the operating mode based on your preferences.

Pairing with Sinum System

To pair the device with the Sinum central system:

1. Access the pairing settings in the device menu.
2. Follow the on-screen instructions to connect wirelessly to the Sinum central device.

Monitoring Air Quality

The CJP-01 monitors room air quality, displaying levels of suspended dust, temperature, and humidity. Ensure the device is placed in an optimal location for accurate readings.

Cleaning the Internal Sensor

The internal sensor cleaning system activates automatically once a week. Users can also initiate manual cleaning as needed.

Registering in the Sinum System

To register the device in the Sinum system:

1. Access the Sinum central device address in a web browser and log in.
2. Navigate to Settings > Devices > Wireless devices and add the CJP-01.
3. Name the device and assign it to a specific room for easy identification.

FAQ

- **Q: How often should I clean the internal sensor?**
 - **A:** The internal sensor has an automatic cleaning system that activates weekly. However, you can manually clean it as needed.
- **Q: Can I monitor air quality remotely?**
 - **A:** Yes, you can monitor air quality remotely by connecting the CJP-01 to the Sinum central system and accessing it through a web browser.

The CJP-01 is a room air quality monitoring device. It displays the level of suspended dust in the room, and after registering the EU-CL mini sensor, also the temperature and humidity of the air. The air quality sensor connects wirelessly to the Sinum central device.

Menu

Operating mode:

- **Normal** – continuous reading of parameters
- **Interval** – sensor reading for 1 minute; subsequent readings are made after the set has elapsed

- **Daily** – continuous reading in specific (From hour; Through hour)

Temperature sensor:

- Sensor registration – registration of the EU-CL mini sensor to the CJP-01
- Temperature correction
- Parameters – preview of sensor parameters
- Sensor removal

Pairing with Sinum – Register the device to the Sinum system

Screen settings


Language version

Cleaning – internal sensor cleaning system – activated automatically once a week or manually by the user.

Software version

How to register the device in the sinum system

Enter the address of the Sinum central device in the browser and log in to the device.

In the main panel, click the Settings > Devices > Wireless devices >  . Next step is to enter the menu in the device we would like to add Menu > Settings > Pairing with Sinum and confirm the pairing. After a properly completed registration process, an appropriate message will appear on the screen. Additionally, the user can name the device and assign it to a specific room

Technical data

- **Power supply:**5V DC
- **Max. current consumption:** 250 mA
- **Operation temperature:** 5°C ÷ 50°C
- **Sensor type:** SPS30 SENSIRION: PM 1.0 / 2.5 / 4 / 10
- **Operation frequency:**868 MHz
- **Max. transmission power:** 25 mW

Notes

TECH Controllers is not responsible for any damages resulting from improper use of the system. The range depends on the conditions in which the device is used and the structure and materials used in the object construction. The manufacturer reserves the right to improve devices, and update software and related documentation. The graphics are provided for illustration purposes only and may differ slightly from the actual look. The diagrams serve as examples. All changes are updated on an ongoing basis on the manufacturer's website.

Before using the device for the first time, read the following regulations carefully. Not obeying these instructions may lead to personal injuries or controller damage. The device should be installed by a qualified person. It is not intended to be operated by children. It is a live electrical device. Make sure the device is disconnected from the mains before performing any activities involving the power supply (plugging cables, installing the device etc.). The device is not water resistant.

The product may not be disposed of to household waste containers. The user is obliged to transfer their used

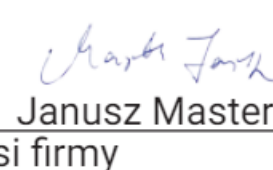
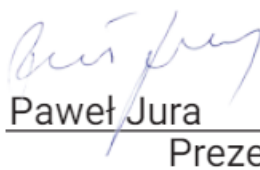


equipment to a collection point where all electric and electronic components will be recycled.

Tech Sterowniki II Sp. z o.o. , ul. Biała Droga 34, Wieprz (34-122)

Hereby, we declare under our sole responsibility that the CJP-01 is compliant with Directive 2014/53/EU.

Wieprz, 01.05.2024


Paweł Jura Janusz Master
Prezesi firmy

The full text of the EU Declaration of Conformity and the user manual are available after scanning the QR code or at www.tech-controllers.com/manuals

- www.sinum.eu

Documents / Resources



[sinum CJP-01 Wireless Particulate Concentration Sensor](#) [pdf] Instructions
CJP-01, CJP-01 Wireless Particulate Concentration Sensor, Wireless Particulate Concentration Sensor, Particulate Concentration Sensor, Concentration Sensor, Sensor

References

- controllers.com
- [Inteligens fűtés-hűtés, fűtési-hűtési megoldások - TECH vezérlők gyártója | TECH vezérlők](#)
- [Sinum - TECH Controllers](#)
- [Intelligent heating, smart heating solutions - manufacturer of controllers | TECH Controllers](#)
- [Manuals - TECH Controllers](#)
- [TECH Controllers - Teplo ve Vašem domě](#)
- [TECH Controllers - Teplo vo Vašom dome](#)
- [User Manual](#)

Manuals+. Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.