

MADE TO PROTECT

Satel®

WIRELESS  
SYSTEM CONTROLLER  
MTX-300



# MTX-300 CONTROLLER

ENABLES YOU TO OPERATE SATEL WIRELESS DEVICES WORKING AT

## 433 MHz

The **MTX-300** wireless system controller has been designed as a universal solution for people who want to expand their wired systems by adding wireless components. This device, owing to its innovative design, makes it possible to quickly and easily extend the functionality of each existing system.



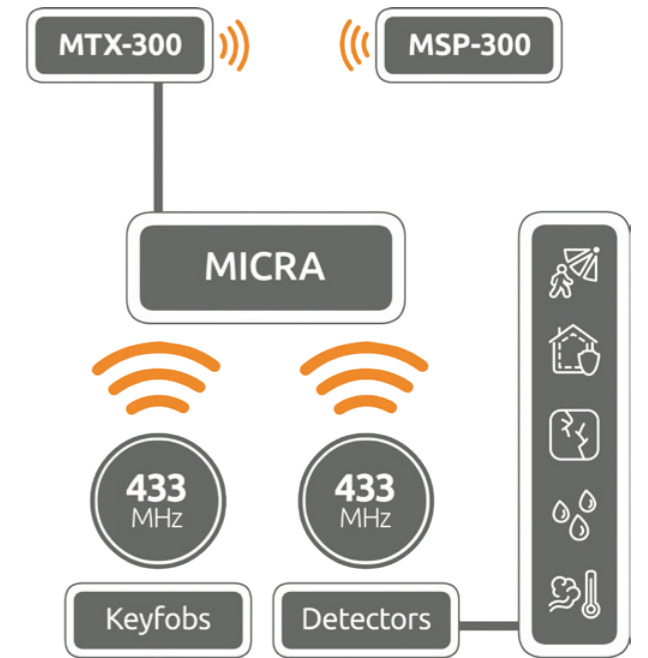
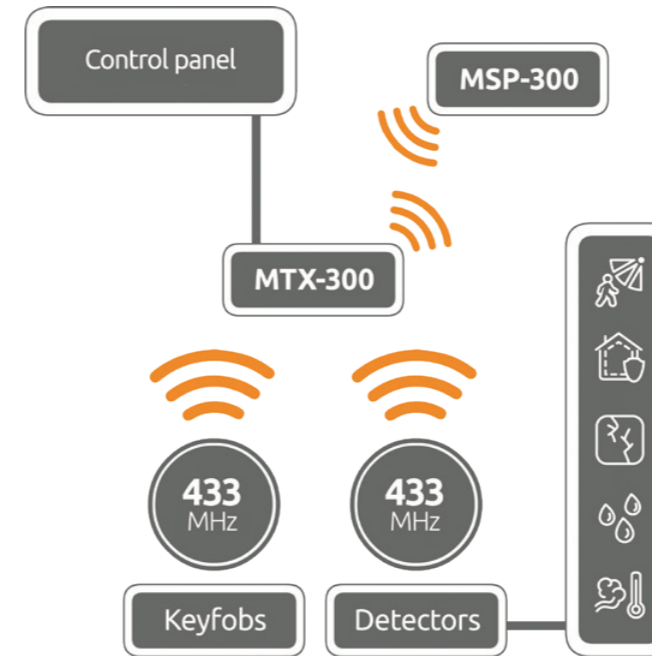
## DESCRIPTION

The MTX-300 controller enables wired systems to be expanded by adding SATEL's wireless devices which operate at 433 MHz frequency. The controller can be used in conjunction with the SATEL control panels of INTEGRA, INTEGRA Plus, VERSA and VERSA Plus families, as well as with the MICRA module. It will also perform very well in any third-party alarm system, as well as in automation systems. Exchange of signals

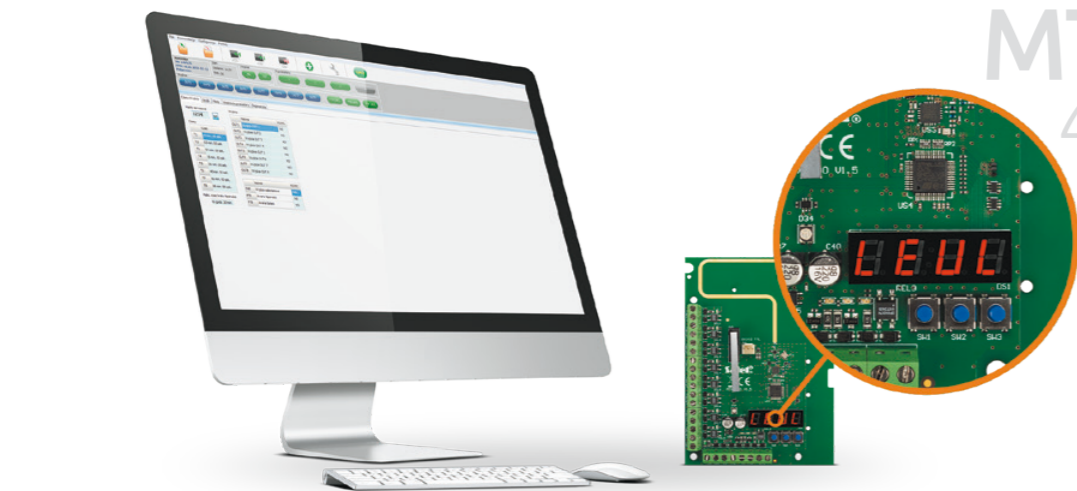
between the controller and the control panel takes place via 8 outputs located on the controller's PCB, which are connected to the control panel, and via 2 inputs connected to its outputs. Owing to its additional dedicated outputs, the MTX-300 can also inform you about the occurrence of tamper, problems with radio communication or the need to replace the battery in devices included in the system.

# APPLICATION

Functionality of the MTX-300 can be used in different ways, depending on the type and purpose of the system.



The MTX-300 can also be connected to the MICRA module to extend its functionality by adding capability to control the MSP-300 wireless sirens. Wired inputs of the module can be used to receive signals from an increased number of detectors. As a result, the MTX-300 makes it possible to use up to 12 wireless detectors in the system or expand it by adding extra keyfobs.



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## PROGRAMMING

You can configure the MTX-300 controller using the buttons on its electronics board. The four-position LED display shows menus, functions and parameters. For configuration and diagnostics, you can also use the MTX-SOFT program. Its operation is simple and intuitive, and programming of the controller takes very little time. The program offers

an advanced diagnostic tool to facilitate the installer's work. It indicates which detector has low battery or connectivity issues, and whether its tamper switch has been violated. In addition, it is also possible to check the current level of interference occurring at 433 MHz frequency and to verify the quality and strength of the radio connection between the devices.

The main task of the MTX-300 controller, utilizing its advanced configuration capabilities, is to enable expansion of the wired alarm system by adding SATEL wireless devices. As a result, wireless motion, flood or smoke and heat detectors can be quickly and easily included, for example, into a home security system. These devices can be used to secure further premises, to protect detached buildings, such as garages, as well as to functionally complement the existing system. The controller makes it also possible to enhance functionality of the alarm system by adding keyfob control capability.

An interesting application of the MTX-300 is to use it in simple systems of building automation by connecting it to an automation controller. In this way, information from wireless detectors or keyfobs can be transmitted – via the MTX-300 – to the automation controller, which can be used, for example, to open or close the entrance gate or garage door. On the other hand, the alarm signal from the automation controller, when sent to the MTX-300, may cause triggering of the wireless siren. It is thus possible to create a simple warning system without having to use the alarm control panel.





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The manufacturer reserves the right to change the specification and technical data of devices.  
Images shown are for general information only and may differ from actual products.  
U-MTX300-EN0120

## 30 YEARS OF EXPERIENCE

Professional protection of each type of premises, as well as people staying therein, through advanced, yet functional and cost-effective solutions – these few words may serve as the shortest description of the mission of SATEL, a manufacturer of security systems with involvement of 100% Polish capital. Due to integrity in business and a special emphasis on high quality and a wide range of products offered, the SATEL brand has been highly appreciated in the industry for 30 years.

This philosophy of management and hard work of more than 350 SATEL's employees produce tangible results. The wide range of over 400 offered products provides countless opportunities to create security, home automation, fire alarm, access control and monitoring systems, tailored to the individual needs of each user. At the same time, these systems meet all requirements prescribed by Polish and international regulations and industry standards.

Bringing the functionality of devices into line with current requirements and expectations of the market with the use of the latest technologies is one of the main objectives of SATEL. For this reason the design and production departments of the Company are continuously being modernized and expanded. A natural consequence of all actions aimed at the production of top-quality devices was the introduction of the quality management system conforming to ISO 9001 in 2002. Regardless of this certification, SATEL also carries out a full functional test of all products leaving the production line, thus ensuring reliability of the manufactured devices. Focusing on modern design and attaching importance to the highest levels of quality and functionality of its products, SATEL has gained many satisfied customers not only in Poland but also in more than 50 markets worldwide.