

NATRON

SERIES

WIRELESS
FIRE ALARM
SYSTEM



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Wireless Fire Alarm System

We combined the knowledge that we've gained over the years of experience in the field of wireless technologies, used by our intruder alarm solutions, with the professional approach of our fire systems, in order to create a wireless fire solution that provides the same high levels of reliability and life safety provided by a standard wired system, alongside the superior flexibility of wireless technology.

Hybrid Addressable Fire Alarm Solution

Natron devices can be used in combination with the standard wired devices to create a hybrid fire alarm solution, or the installer could even decide to use wireless devices only in order to provide a complete wireless detection and alarming solution.



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Natron wireless devices

Natron series consists of several of the most commonly used wireless fire devices: smoke, temperature and combined fire detectors; two types of manual call points and wall sounder.



Natron WE-A
Addressable gateway
module



Natron WE-C
Conventional gateway
module



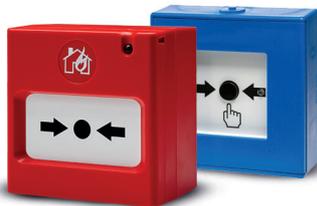
Natron SD
Smoke detector



Natron TD
Heat detector



Natron MD
Combined detector



Natron MCP
Natron MCP DE
Manual call points



Natron WSS
Sounder with strobe

Simple wireless device management and signal strength test

Natron series requires no special tools, programs or PC connections to program or commission. Natron WE gateway module has its own built-in interface which is used for adding devices, deleting devices and even checking the device signal coverage. A special test kit, which contains a gateway module and a detector, can help you conduct a site-survey and plan the wireless installation according to the environmental specifics. As the signal coverage may vary, depending on the environmental specifics of the installation, our Natron devices support a radio signal test, which can be used to indicate the signal strength of each device, at any time.





160 wireless devices in 1 system

Each Natron Gateway module supports up to 32 wireless devices of any kind. 5 modules can be installed in one system, giving a total of 160 wireless fire devices per installation.

Universal wireless solution

The Natron Wireless Fire Detection Series can be integrated with our addressable fire systems directly on the loop, thanks to Natron WE-A gateway module. Each wireless device receives a separate address and it could be managed by the addressable fire panel, just like any other addressable device in the system.

Natron series is also fully compatible with Teletek MAG Series conventional panels, or any other fire alarm panel on the market. The Natron WE-C gateway module is getting connected directly on the fire zone input of the panel, by means of hardwire input/output connection.

1500 m. Signal coverage

One of the most important parameters of a wireless system, is the signal coverage. Thanks to our improved two-way communication protocol, the signal coverage of Natron series reaches out to the impressive 1,5 km in an open area.



Up to 10 Years Battery Life

All Natron wireless devices use standart type of batteries, which makes the battery replacement easy and cost-effective. However, the installer will not need to think about replacing batteries very often, as most of the Natron wireless devices have battery life for up to 10 years.



Build-in 85dB buzzers

One of the unique features of the Natron device range is the fact that all fire detectors have build-in 85dB buzzers. The buzzers are used for local sound signalization in case of fire detection, however, they are also used for sound assistance during the device enrollment procedure.



Certification

Natron wireless solution is build and certified in accordance to the requirements of the EN54-25 standard in order to meet the highest quality assurance levels and to make it compatible worldwide.



Natron Test KIT

Natron series includes a special Test KIT, which helps the installers to plan the system installation precisely. The main purposes of the Natron Test KIT is to determine the best installation position of each system component and also to help the installer select the appropriate frequency channel pair, in order to decrease the margin for error to the minimum.

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Did you know...

Cabling is the most expensive and time-consuming component of the fire alarm installation. Thanks to the wireless technologies we can save a lot of time, efforts and money. Wireless systems also give us solution for building a fire alarm system in existing buildings, with less efforts and without the need of significant reconstructions of the building environment.

TELETEK ELECTRONICS

Address: 2 Iliyansko shose Str., 1220 Sofia, Bulgaria

Telephone: +359 2 9694 800

E-mail: info@teletek-electronics.bg

Website: www.teletek-electronics.com

