**Jablotron presents its new JABLOTRON 100+ alarm**

Jablotron, global producer of security systems, has launched a new facelifted version of its alarm on the market, under the name of JABLOTRON 100+. The new model upgrades key system parameters and is suitable for blocks of flats, schools and larger companies.

Jablotron which exports security systems to 73 countries worldwide, offers its customers an alarm with expanded options and new features in its innovated JABLOTRON 100+ product. Whereas its predecessor, the JABLOTRON 100, although revolutionary for its time, was designed for flats, family houses and smaller office units, the JABLOTRON 100+ can now meet the needs of large villas, blocks of flats, schools and larger companies. “*Our customers have been asking for an alarm that would allow the connection of multiple detectors and also enable them to control a large number of programmable outputs. We have retained the best elements of the JABLOTRON 100 model. The system still works on the same principles, as we have retained our MyJABLOTRON application and the control system which focuses on maximum user-friendliness. But we have expanded system user options,*” says Michal Ježek, Head of Product Management.

The Jablotron developers have come up with completely new control panels which allow access to up to 600 users (compared to 300 with the JABLOTRON 100). This means the JABLOTRON 100+ can also be installed in larger buildings, company offices and schools, allowing each employee or student their own access. The new control panel also handles connections to up to 230 peripheral devices (compared to 120 with the JABLOTRON 100), of which 120 can be wireless. *“Imagine a block of flats with 15 flats. The JABLOTRON 100+ will allow up to 15 new peripherals to be installed in each flat. This allows you the possibility of securing individual flats not only against burglary, but also against flood, fire or CO*,*leaks, all from a single control panel”* explains Michal Ježek.

The new JABLOTRON 100+ also offers significantly more control options. Instead of the original 32 programmable outputs, there are now 128. In combination with the 64 calendar events (previously 20) these lift the options for home automation to a completely new level. *“Increasing the number of programmable outputs gives you sufficient options, for example, to control each light in the house separately, or, in conjunction with the calendar, to set up regular re-switching of pool filtration within a defined time span or at 4 specific times during the day. The new system features and parameters meet all requirements for a fully automated and secure home,”* says Michal Ježek.

The upgraded JABLOTRON 100+ also has a new version of the F-link configuration system to make it easier for certified professional installers to install and manage large systems. Jablotron comes with a total of 40 new features, such as the Day/Night mode, which uses the astronomical calendar and can accurately determine sunrise and sunset at a specific location with the help of GPS coordinates. Another new feature is the ability to control multiple actions with one detector. For example, when the main door is opened, the light comes on automatically, the blinds are raised and the heating switches on. Another new feature is Final Door. This ensures that the exit delay is shortened to 5 seconds when you leave and close the door behind you.

In addition to the improvements described above, Jablotron has also introduced new and innovated products, a total of 32 of them. One of these is a ceiling detector with 360° coverage. Another new item is a wireless plug-in internal siren with a new design and improved acoustic performance. There is also a new motion detector with basic PET immunity, up to 25 kg and with a maximum height of 40 cm. This means it will detect cats and small dogs without sounding the alarm. Finally, its IP video cameras have been improved with the addition of new features in the application and software configuration, as well as the creation of an interface to enable their connection to an alarm receiving centre.

SUMMARY OF JABLOTRON 100+ PARAMETERS

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| System | JABLOTRON 100 | JABLOTRON 100+ |
| Number of sections | 15 | 15 |
| Number of users | 300 | 600 |
| Number of detectors | 120 | 230(wireless 1-120) |
| Number of control options | 32 | 128 |
| Number of reports | 25 | 50 |
| Calendars | 20 | 64 |

* fotky