

PRESS RELEASE

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PEAKnx further develops its Control 12 KNX touch panel More performance, greater convenience and an optimised design for KNX building automation

Darmstadt, 1 September 2026 + + + + PEAKnx, a Darmstadt-based manufacturer of innovative home and building automation solutions (www.peaknx.com), has extensively revised its proven Control 12 KNX touch panel. The new generation offers additional control options, an updated housing design and increased processing power, bringing the latest panel technology to the proven 12-inch format for modern KNX projects in smart homes and commercial buildings.

Greater convenience in everyday use

The Control 12 has been designed to make everyday operation even more convenient. For the first time, it features five freely configurable side buttons, complementing the touch interface with quick, direct access to frequently used functions. The buttons can be assigned to devices or HTTP commands. Scenes and logic functions can also be assigned to the side buttons when used with the YOUVI visualisation and the PEAKnx Logic Module.

Another new feature is the ambient lighting integrated into the sides of the panel. Depending on the configuration, it can provide status information as well as indicate critical conditions or events in the building. For example, it can show when surplus electricity is available, helping users choose the best time to run appliances such as dishwashers or washing machines.

The ambient lighting can also be used to create individual lighting moods or to complement the interior design.

The speakers have been optimised, providing better sound and enhanced speech quality, particularly for door communication.

New design, proven system openness

The housing has been completely redesigned. The fully milled metal frame with its distinctive visible edge gives the Control 12 an even more premium appearance while also improving heat dissipation. This allows the panel to be cooled more efficiently and helps extend its service life. The connections have also been rearranged and the rear of the housing redesigned for a

clearer layout. On the front, a USB-C port replaces the previous USB-A ports. Like all devices in the PEAKnx panel range, the Control 12 is developed and manufactured in Germany.

The Control 12 comes with PEAKnx's own YOUVI Basic software package as standard, turning it into an all-in-one solution that combines visualisation, a KNX server, an IP router and a smart home app. Depending on the project, the Control 12 can be used either as a server or as a client.

The panel runs on Windows 11 IoT Enterprise LTSC, an operating system designed primarily for continuous professional and industrial use. It does not require major feature updates and comes without unnecessary pre-installed software, while regular security updates help keep the system up to date. This open Windows platform also allows the Control 12 to support other Windows- and web-based visualisation solutions as well as browser applications.

More performance for demanding KNX projects

The panel's performance has been specifically enhanced. The increased RAM ensures smoother display, particularly when displaying multiple camera streams. It also provides the additional processing power needed for more complex visualisations.

“With the new generation of the Control 12, we are continuing to develop our panel range,” says Lorenz Rohrmann, Managing Director of PEAKnx GmbH. “Today, users expect powerful, flexible and future-proof solutions for KNX building automation. The new Control 12 has been designed precisely with these requirements in mind.”

Images:



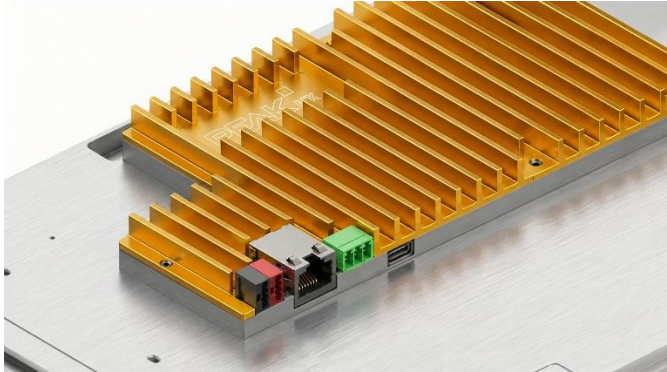
The new Control 12 KNX touch panel from PEAKnx with LED ambient lighting and five side buttons



The Control 12 in light and dark versions as well as in different mounting options with LED ambient lighting and five side buttons



The Control 12 with new side buttons and LED ambient lighting



The rear of the Control 12 with fanless cooling system and newly arranged connections



The Control 12 in a flush-mounted installation in a residential setting

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About PEAKnx

PEAKnx is a manufacturer of innovative hardware and software components for future-proof building automation. All products are developed and manufactured in-house, including customised front-end panels with integrated visualisation that provide a central overview of all functions within an intelligent building. Particular emphasis is placed on product longevity and the high-quality interaction between design and functionality.

As the newest business unit of the PEAK Group, based in Darmstadt, Germany, PEAKnx GmbH benefits from more than 30 years of experience in hardware and software development. In addition to consulting and support services, PEAKnx also offers the installation and implementation of automation projects through a broad network of certified partners. The company's goal is to make home and building automation more convenient, cost-efficient and future-proof through innovative solutions.

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