



## PRESS RELEASE

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### **PEAKnx unveils a brand-new in-house development Controlmini becomes Control 12. PEAKnx gives its classic control panel an extensive upgrade**

**Darmstadt, Germany, 6th December 2023 + + + PEAKnx, manufacturer of innovative solutions for future-proof home and building automation from Darmstadt, Germany ([www.peaknx.com](http://www.peaknx.com)), is presenting a new version of its KNX operating panel, previously known as Controlmini. The performance of the all-rounder developed in-house by PEAKnx sets new standards. The generation shift prompted a name change - the new Control 12 touch panel will be available as of mid-January 2024.**

#### **Increased performance and enhanced durability**

During the development phase of the Control 12, PEAKnx focussed specifically on in-house development work. The motherboard was developed and designed at the PEAKnx headquarters in Darmstadt with a modular structure in order to enhance flexibility in configuring the panel in future. The modular technology simplifies adjustments to the SSD hard drive or the processor, thus increasing the longevity of the panel.

In the rear interior of the panel, a new USB-C interface is located, enabling gigabit-level data transfer rates via Ethernet. The data transmission through WLAN or Bluetooth has also been upgraded to the latest technology. The faster 128 GB main memory with expanded storage capacity ensures that higher performance requirements can be met at any time, and the application spectrum is even more easily expandable.

Like its predecessor, the 11.6-inch touch panel comes equipped with a fully-fledged Windows 10 IoT Enterprise LTSC operating system. The faster main memory, however, also allows for a switch to Windows 11 as soon as a long-term support version becomes available. Overall, the panel is up to three times more powerful than its predecessor - thanks to the new hard drive, more efficient RAM and a more powerful 11th generation processor from Intel.

#### **New sensors and timeless elegance**

Externally, the elegant Control 12 closely resembles its predecessor. The frame, full HD display and front USB ports have remained unchanged, and the new touch



panel can be seamlessly integrated with previously used mounting sets, i.e. surface-mounted frame or flush-mounted box and adapter sets.

Only the front glass sees changes: Additional cut-outs have been added due to new sensor technology. A brightness sensor controls the automatic adjustment of brightness to the surroundings and a proximity sensor detects when a person approaches the display, which then turns on automatically. The device also features a notification LED on the front glass, which can be individually assigned to various functions.

#### **New concept in thermal management and improved energy efficiency**

If the panel is not only used for controlling, for example, lighting or heating, but also serves as a comprehensive multimedia centre, larger power reserves are now available. Thanks to the completely redesigned cooling concept, the panel remains cool even under high-performance demands. At the same time, however, consumption during normal operation has been reduced. This results in higher overall efficiency, coupled with outstanding performance and improved cooling.

#### **Official premiere at Light + Building trade fair**

The sales launch for the new PEAKnx panel, including the YOUVI Basic software package consisting of visualisation, IP router and bus monitor, is set for 15<sup>th</sup> January 2024. Its official debut for a wider audience will take place at the Light + Building trade fair in Frankfurt/Main, Germany, from 3<sup>rd</sup> - 8<sup>th</sup> of March 2024 where visitors will be able to test the new panel on site.

## Photos:



PEAKnx Control 12, dark background



PEAKnx Control 12, light background

Please note that these photos are for preview purposes only. For your publications, please use the photos under this [downloadlink](#).



### **About PEAKnx**

As a manufacturer of innovative hardware and software components, PEAKnx develops products for future-proof building automation. For example, individual front-end panels including visualisation, making all information on a smart building available at a central point. Great importance is attached to the durability of the products and the qualitative interplay of design and functionality.

As the newest division of the PEAK group of companies based in Darmstadt, Germany, PEAKnx GmbH benefits from 30 years of experience in the hardware and software sector. Through a broad network of certified partners, PEAKnx also offers the associated services - from consulting to the installation and realisation of automation projects. The aim is to make home and building automation convenient, cost-saving and future-proof through innovative solutions. As a premium sponsor of the soccer club SV Darmstadt 98, PEAK is committed to social projects in the Darmstadt area together with the club.

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