Security, Efficiency and Comfort with KNX

Security

Sleep well.

Travel without worries.

Trust KNX.

Observant network

KNX is always alert during the night and when you are on the road. The intelligent network for home automation connects motion detectors, window glass break sensors and blind controls with the alarm system, the emergency button and your mobile.
This ensures your protection and security – day and night!

Quick response

Never caught by surprise. In case of smoke emission the networked smoke detector will alert you and all other inhabitants of fires breaking out. Also, water or gas leaks are recognized and reported immediately, long before irreparable damage can occur. Even when you happen not to be at home!

Everything under control

Enjoy your holidays without any worries: The security settings of KNX can make your home appear inhabited – so you can sit back and relax.

Efficiency

Think economically.
Act environmentally aware.
Install KNX.

Energy savings

Conscious use of energy ensures our future and makes your home more economical. KNX is one step ahead. Blinds, shutters, room thermostats, heating valves, window sensors and light sensors can communicate with each other via KNX. Intelligent networking automatically decreases the energy and heating consumption; for yourself a considerable benefit.

Technology for the next generations

Your house is alive. Generations will walk in and out. But KNX remains. The system will help you adapt your home automation system to your changing needs. This will increase the long term value of the real estate and in the long run decrease up-grading expenses.

Customized products

KNX thinks in building blocks. We call it modular system technology. The big advantage: network and home automation can be expanded and rebuilt at any time. For small or large projects, renovation or new buildings KNX always has the best customized products and ensures the most efficient solution.

Comfort

Win time.
Enjoy living.
Use KNX.

Any day

Don't waste your time on time-consuming routine jobs. KNX will be your discrete and reliable servant. Tell the system what to monitor and control. The intelligent home automation system will do the rest and will inform you automatically of the results.

Customized comfort

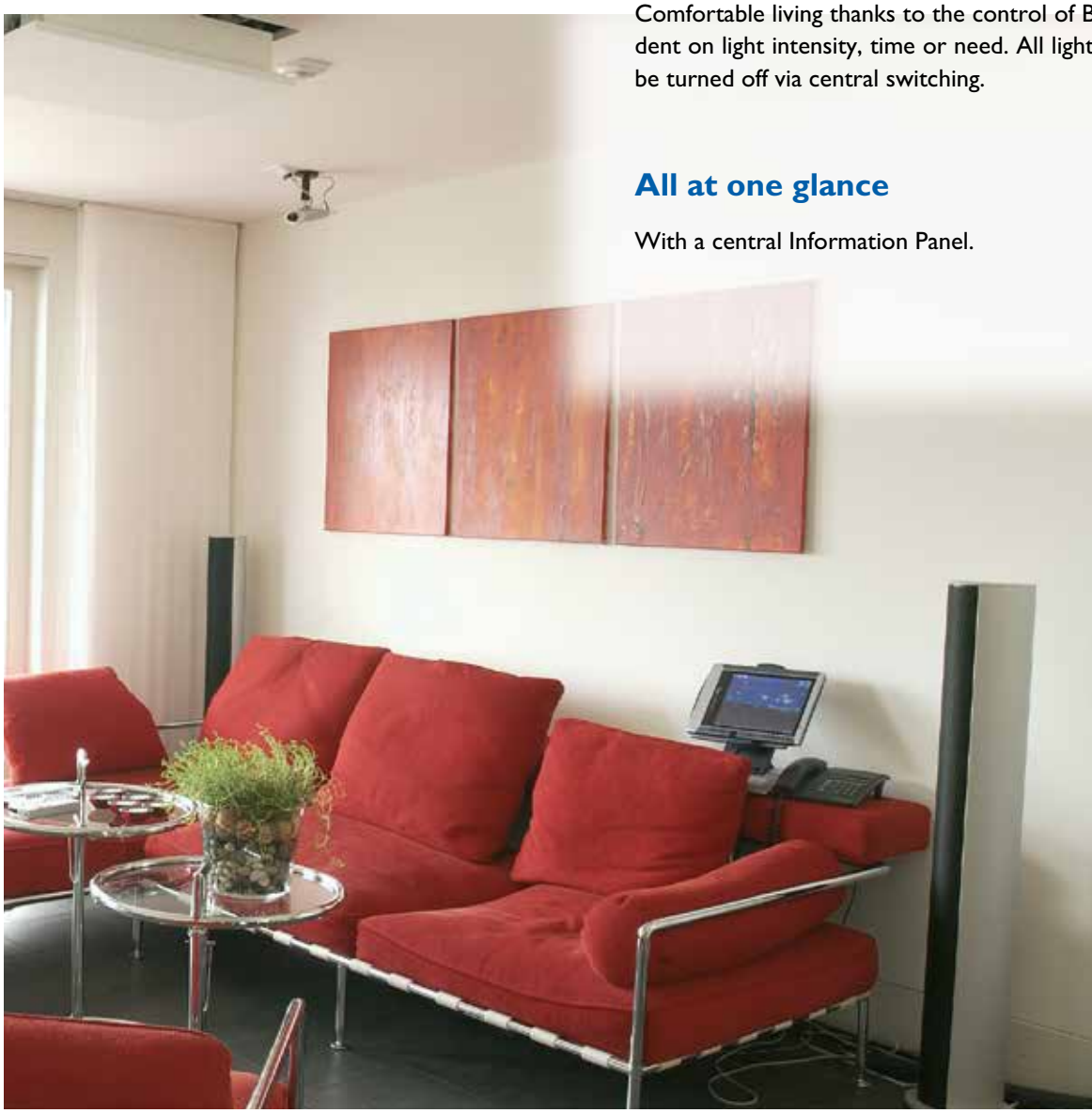
The perfect light setting in your living room in the evening at the push of a single button. When inviting guests you can define the ambient lighting and music according to the occasion.

What is frequently needed must be good

Comfortable living thanks to the control of Blinds dependent on light intensity, time or need. All lighting can easily be turned off via central switching.

All at one glance

With a central Information Panel.



Investment with a Future

A System that maintains its value

KNX is the only system that complies with the requirements of the European (EN50090) and the International (ISO/IEC 14543) standards for Home Automation. This conformity confirms the quality and value of the KNX technology. It serves as a token of quality for building owners. KNX is an open, expandable and therefore user-friendly system. It is already prepared for next-Generation products.

An open System

KNX gives you free product choice: More than 380 manufacturers offer a variety of KNX-certified and compatible products according to the latest technical standards, giving you full freedom of choice.

Built today for your tomorrow's needs

Stay independent even when of age. Even if you are disabled you can continue to live independently in your home with KNX. KNX will make your wishes reality. It is your 'old-age' insurance for safe barrier-free living. If required you can always easily expand the system – for example add an emergency call or a house monitoring option.

KNX is the basis for all home automation applications.

Heating	Automatic and optimized heating control according to room usage or the inhabitants' needs.
Ventilation	Windows will be opened according to requirements. The ventilation system reacts to the presence of people in the room.
Blinds	Control of blinds and shutters dependant on wind, brightness and rain or according to a scheduler
Lighting	Central lighting controlled in the house and garden. Choice of different lighting scenarios or individual dimming.
Audio	Remote control from anywhere in the house; the desired music in every single room.
Display	Presentation and operation of all systems in the house via a wall mounted display. Easy visualisation and integration of audio-systems and monitoring cameras.
Security	Reporting of open or broken windows and doors, burglary, smoke emission etc. – if desired also via telephone or via the internet – camera monitoring of the entrance.
Emergency	Deterrence of potential break-ins by switching on the entire home lighting system (panic mode).
Travelling	Simulation of an occupied home through control of lighting and blinds.
Everyday life	Daily time control of lighting, heating, ventilation, blinds etc.

Partners

Customized solutions for the Intelligent Home

KNX is the only worldwide open and future-proof standard for Home and Building Automation; it is the logical enhancement of EIB (since 1987).
For communication, 230V cabling (Power line) is used or a low-voltage bus-system, radio signals or IP. KNX is multi-application and controls lighting, heating, blinds, ventilation but also media and security technology. This creates an efficient system that can fulfil any individual need.

Thanks to its networking capability one can realize functions that could before only be realized with considerable technical effort. Across the bus line, sensors such as motion detectors and thermostats give instructions to actuators, which in turn then control for example lighting, heating or air conditioning in the house. The operation of the system can be carried out as conventionally via pushbuttons or touch panels. Remote control via the Internet or operation via the telephone is however also possible with KNX.

KNX is flexible

An alternative to the wired (two-wire line) transmission of data within the bus system is radio transmission, via the mains network or via the Internet (IP). Radio transmission is ideal for renovation in existing buildings.
The electrical contractor ensures linking and programming according to the customer's needs. The system can be easily, and at any time, adapted to changing needs or expanded with additional functions. This ensures you a high degree of flexibility.

Choose your partner

KNX partners are electrical contractors and building designersthat have acquired the necessary KNX skills. Already today more than 45,000 installation companies have trained themselves in more than 130 countries, figure constantly increasing. The choice is yours!

▶ www.knx.org

Criteria for KNX:

- A worldwide standard (ISO/IEC14543)
- the leading bus system for the "Intelligent Home"
- Vendor independent through 380 manufacturers
- Reduces electrical and magnetic fields
- customized solutions for new buildings and renovation