

LUXOM
HOME AUTOMATION



IN TOTAL HARMONY



LUXOM Home Automation adds a new dimension to the concept of comfort in your home. Designed for efficient, flexible operation, the LUXOM home automation system brings you maximum living comfort whatever your family's lifestyle.



With its wide range of integrated automatic functions, the system takes care of a whole series of daily tasks. You retain total control of the system at all times and can change any of the functions quickly and easily. In fact, you'll soon be surprised at how creative you have become at combining various functions.

User-friendly function keys allow you to program the system for your personal scenarios. For example, when you arrive home in the evening exhausted after a hard day's work, just one press of a function key is all it takes to switch on the lights, close the curtains, turn up the central heating and play your favourite music. The system is easy to program, with options such as creating personalised lighting scenes and combinations to give your home an extra dimension.



Traditional systems only do part of the job, leaving you to do several tasks manually before you leave your home, such as turning down the heating, switching off lights, checking that various household appliances are turned off, etc. With the Luxom system, a simple press on **one function key** is all it takes to perform all these operations automatically and you can go out without having to worry. Take another example: last thing at night or first thing in the morning, you could use the switch beside your bed to set your home to Night or Day mode.

Here are just a few examples of the **automatic functions** you will never need to perform again manually once your Luxom system is installed:

- After dark, your exterior light and garage light will switch on automatically as you open your garage door.
- As you walk into the bathroom, the lights will switch on, the heating will turn up 2 degrees and the extractor fan will start up after a short delay.
- When you leave your home, the heating will automatically be turned down to the economy temperature setting.

Programming **time settings** into your Luxom system is easy and designed for your convenience, as the following illustrated by the following typical examples:

- If your children leave their rooms without switching off the lights, the system will turn them on automatically after a preset time.
- Your curtains can be opened and closed at your chosen times of morning and evening - and you can even combine the times you set with changes in daylight levels.
- You can program the central heating to be turned up to daytime comfort level each morning at the time you specify, which you can set separately for weekdays and the weekend.

LIVING COMFORT



PREVENTION IS BETTER THAN CURE, as the old proverb says, and LUXOM applies this maxim to everyday life. LUXOM systems detect, signal and resolve potential problems automatically, and can be fully integrated into your fire detection and burglar alarm system.

Security has many aspects, not the least of which are fire, intrusion, technical failure and accident prevention. Since most accidents occur in the home, LUXOM Home Automation has integrated several automatic control functions into its systems that are unique in their field.



To reduce the risk of **THEFT**, the first and often most effective step is to scare burglars away. The LUXOM system is equipped with a series of integrated functions to achieve this by working in harmony with your normal security system. If an alarm is triggered, the LUXOM system will switch in all the lights in your home and flash your exterior lights to attract the attention of neighbours and passers-by. It can also be set to open curtains or blinds automatically.



When your **SMOKE ALARM** is set off, the LUXOM system automatically alerts the fire brigade, turns on all the lights and cuts off all power to electrical sockets, ventilation and heating systems. These operations are also performed automatically when you push a panic button or in specific situations.

While you enjoy your well-earned **NOCTURNAL REST**, your home can be set to Night mode. With just one press of a key, you can cut off the power to electrical sockets in your garden and kitchen. The system even has a facility for a gentle, low-level light night in case one of the family wants to get up and move around without disturbing other family members.

PREVENTATIVE control functions integrated into the system to avoid problems before they occur include the following examples:

- As you leave your home, power to electrical sockets can be cut off automatically to ensure that household appliances cannot short circuit or overheat while you are away.
- Cloakroom, cupboard or cellar lights can be switched on automatically as you open the door.
- Sun blinds can be closed automatically when the wind starts to blow too strongly, even if the sun is still shining brightly.



You don't need to be a rocket scientist to program the LUXOM system. Its time and temperature functions are easy and intuitive to use, and the flexibility of a distributed bus system makes setting your electrical system almost child's play.



Making everyday use easy is an important aspect of a home automation system. A good home automation system must be easy and quick to use, and capable of automatically controlling a broad range of situations. It should also allow users to call up system status information easily and present it on a clear display. To ensure that its home automation system meets these needs, LUXOM has focused careful attention on user friendliness.

NO SPECIAL TECHNICAL SKILLS REQUIRED.

For example, setting time functions such as when you want your curtains to open in the morning is intuitive and easier than programming a VCR. You LUXOM home automation system even includes a remote control that operates not only the system but can also be used with your TV, VCR and DVD player. The entire system is designed for your convenience, making it especially easy to program and control combinations of functions.

Reprogramming your system is simple too, via your PC (using the familiar Windows operating system), a compact wall-mounted display or an LCD touch screen. Whichever input you choose, the LUXOM system always gives you a clear display of the status throughout your home.

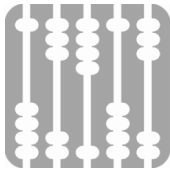
Good to know

Lighting scenes are easy to adjust using the exclusive **SINGLE BUTTON CONTROL** system. You need only rotate the button once to teach your home automation system how you want it to set your personal lighting scenes.



What if you decide to extend or remodel the layout of your home a few years after installing your home automation system? No problem. Configuration changes are quick and easy with the LUXOM system, representing a significant saving over classic systems, which can require costly, messy rewiring work.

USER-FRIENDLY COMFORT



LUXOM home automation ensures energy efficiency, sometimes known as rational energy use (REU), so that energy is used only where and when necessary, in the most efficient quantity, yet without compromising your living comfort.

A series of integrated functions automatically optimise your living comfort without increasing your energy costs. However, the LUXOM system allows you to override its automatic functions manually should the need arise.



Energy management systems integrated into the LUXOM system bring you **greater living comfort**:

- The system prevents specific appliances from switching on over two-hour or three-hour periods.
- In winter, the system takes maximum advantage of passive solar energy, opening vents less quickly in stronger daylight conditions to ensure that your central heating maintains a comfortable temperature while using less energy.
- The heating is maintained at your preset comfort temperature only while you are at home. As soon as you leave the house, the system automatically switches your heating to standby or economy temperature.

REU heating examples

- When the movement sensor in your bathroom detects no further movement (after a preset time delay), the system will automatically reduce the bathroom temperature.
- When you open your bedroom window in the morning, the heating will automatically be shut down and set to frost protection mode.

REU lighting examples

- Lights in selected areas can be switched off automatically after more than 60 minutes: e.g. garage, cellar, loft, hall, stairwell, etc.
- Exterior lights cannot be switched on below a preset light intensity.
- Each morning, all the lights in your home can be switched off automatically in areas where daylight levels reach preset comfort levels: e.g. kitchen, hallway, etc.



GOOD TO KNOW

The LUXOM system can save you up to 50% on the cost of lighting your children's bedrooms. Movement sensors ensure that bedrooms no longer remain lit when unoccupied.

RATIONAL ENERGY USE



The LUXOM system is designed for easy integration with the latest audio, video and home cinema technologies. It can create an exclusive combination that will transform your living room into a movie theatre or concert hall.



The LUXOM system is compatible with a range of exclusive audiovisual units, available as optional extras linked into to the basic system.

This design ensures the flexibility for you to expand your system to include new facilities over the years.

The LUXOM system brings a new dimension to the screening of your favourite DVD. When you press Play on your DVD player's remote control, the system can automatically create your preferred lighting scene and close curtains or blinds if necessary so that you can watch your film under ideal conditions. The system's home automation bus even allows you to lower a motor-driven wall screen.

The multi-room audio system lets you listen to your CD player, radio or any other audio source in every room of your home. A stylish wall tablet allows you to select your preferred audio entertainment in each room, while high-quality wall speakers, complete with volume control, ensure that you need never be without your favourite music.

An LCD colour touch screen gives you a clear display of your home's system status and allows you to control all home automation system functions from one central point. This master display station can also be used as an alternative remote control for your TV or radio, and makes an ideal complement to your home cinema system – and it can be extended via an Internet option.

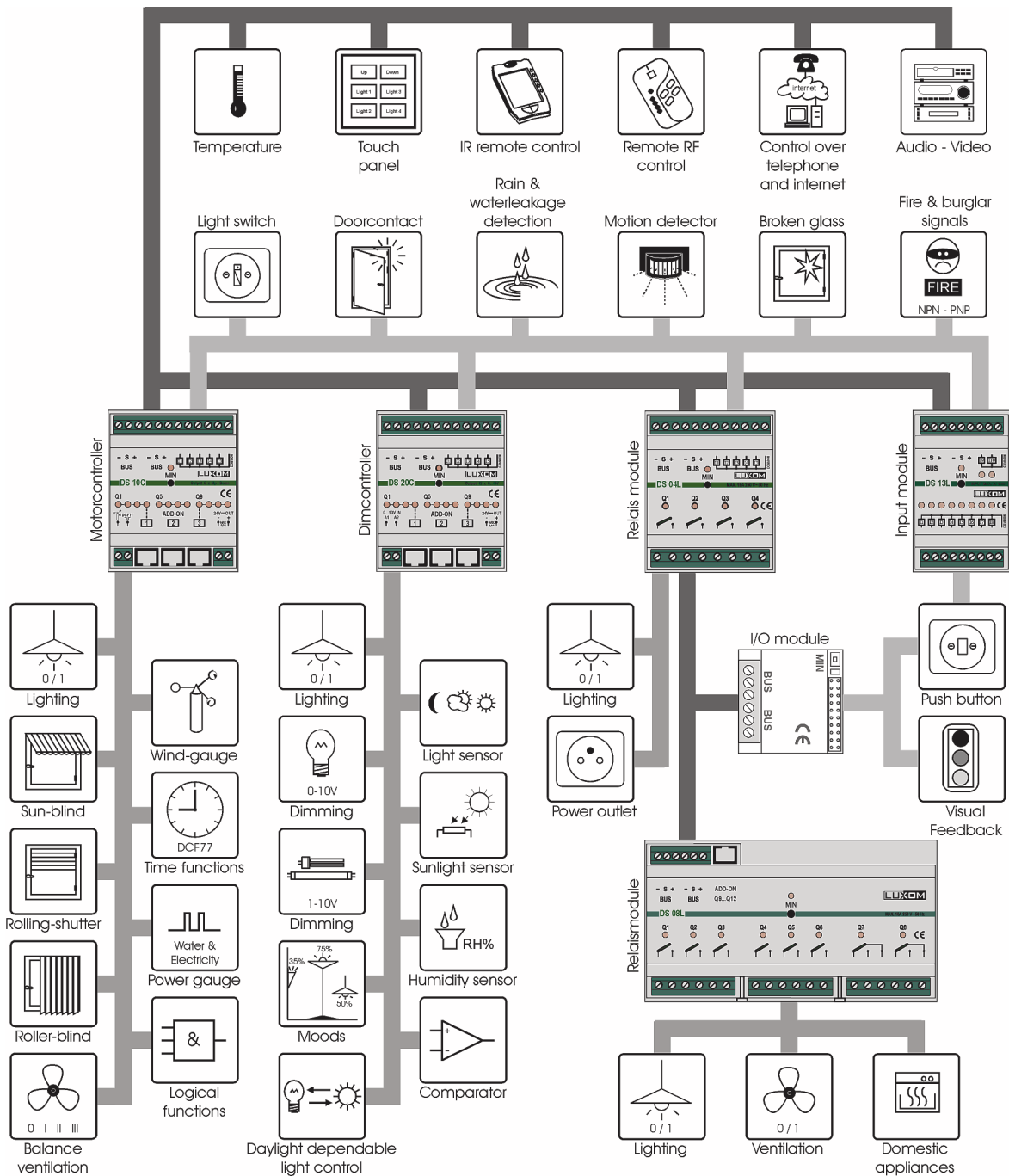


TECHNOLOGY DESIGNED TO BRING YOU OPTIMUM LIVING COMFORT.

LUXOM technology is ingeniously designed to accompany you in every room of your home, bringing small yet instantly noticeable improvements to your lifestyle. For example, once you have lived for even a single day with the function that turns off all the lights when you leave your house, we are certain you will not wish to do without it ever again!

One of the outstanding benefits of the LUXOM home automation system is its **maximum flexibility**, achieved through its **distributed intelligence**. Equipped with its own intelligence, each system module can communicate with other modules via the LUXOM bus to form an integrated whole.

Each module operates totally autonomously without ever needing to consult a central computer or master control unit. The LUXOM home automation enables you to control a total of more than **4,000 outputs**.



FLEXIBLE AND VERSATILE

LUXOM INSTALLERS

LUXOM has an extensive network of accredited installers throughout Belgium, all of whom are highly experienced professionals fully trained in LUXOM system technology. After carefully examining your requirements, they will be pleased to advise and offer you a solution to meet all your requirements. Once they have installed your LUXOM HOME AUTOMATION system, you can start to enjoy the full benefits of its amazing comfort and convenience.

For more details of how you can improve your lifestyle with a LUXOM system, contact us now to obtain our list of accredited installers in your area.

HISTORY

- > **1992** first relay card
- > **1993** sales launch of manually programmable home automation system
- > **1995** remote programming via a handheld programmer
- > **1996** PC programming facility
- > **1998** over 1,000 systems installed, international sales network launched
- > **2000** integral DIN rail modules
- > **2002** DS series launched and exceeds customer desires through its high-performance integrated intelligence
- > **2003** Ethernet and Internet links, RF wireless control



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