



Room Master

The right decision for you
and your guests

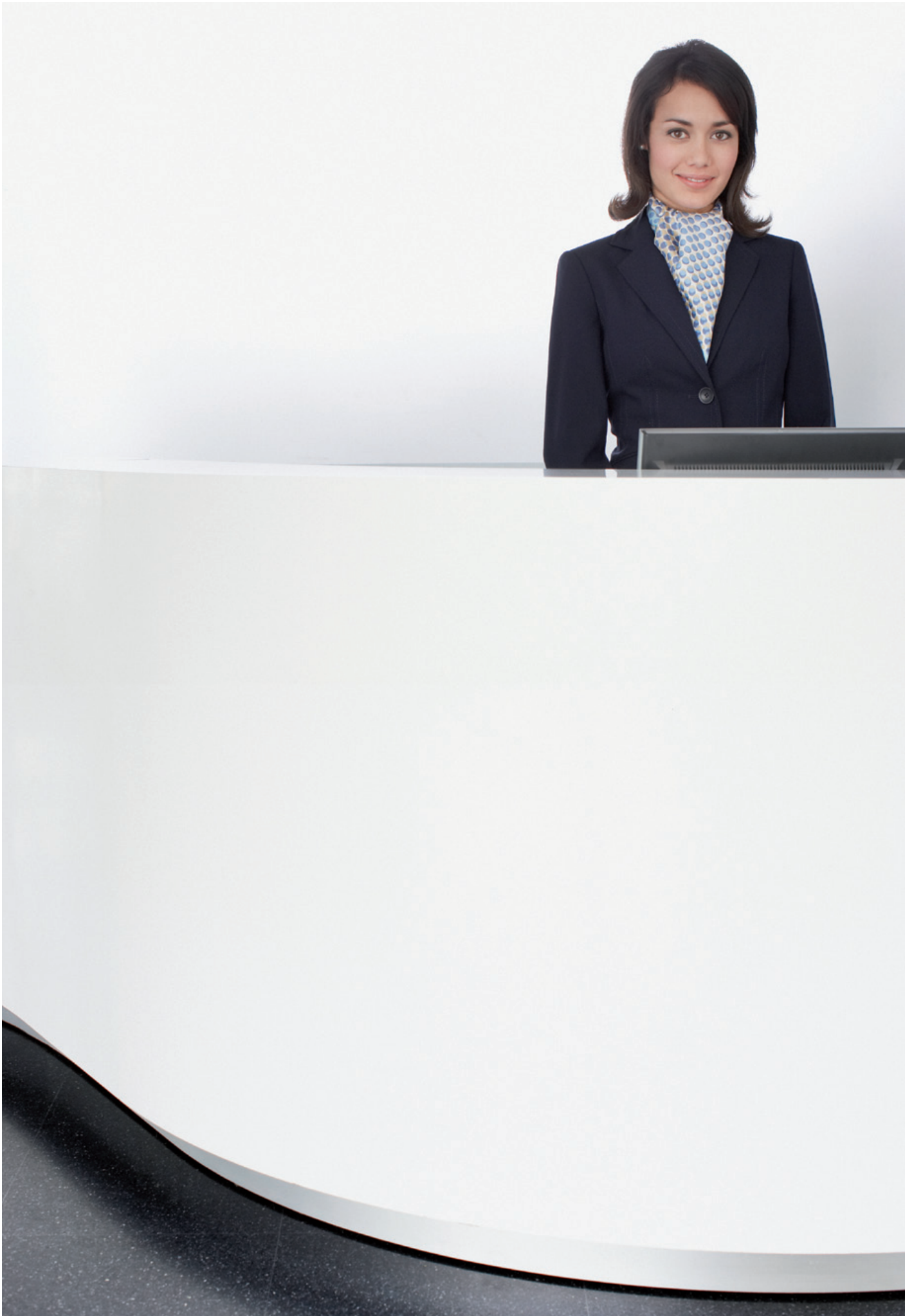
Welcome to the hotel of the 21st century

This is your opportunity to learn more about the ABB Room Master concept from ABB - the heart of the modern hotel. A technology that helps you cater to your guests' needs, ensuring the smooth operation of your business and thereby contributing to the profitability of your enterprise. Modern electrical installation technology at your service.

We invite you to take a tour with us of your 21st century hotel.

An intelligent investment

Investment decisions are based on complex deliberations, both factual and emotional. You are obviously keen to offer a top-class hotel experience that your guests can appreciate. Yet return on investment and long-term profitability are also key parameters for you. Hotel complexes represent an excellent business proposition, assuming the basic prerequisites are met – factors such as cost-efficient management and an attractive environment with a high level of comfort, convenience and security for your guests. Modern building control from ABB supports these aspects through innovative electrical installation and automation technology.



The perfect climate

Whether cosy and warm or fresh and cool, the right room environment is a key factor in making sure your guests feel at home – all year round. Intelligent building control systems understand the challenges of this task and control heating, ventilation and air conditioning – individually, conveniently and energy efficiently.



Room thermostat

Climate control

The ABB Room Master enables energy-efficient climate control for heating and air conditioning applications in hotel rooms. Independent of whether the desired temperature is given by the guest, automatically according to the room usage or centrally from the facility management, the ABB Room Master reacts accordingly. Exactly the required room climate – simply, precisely and economically.



Atmosphere on request

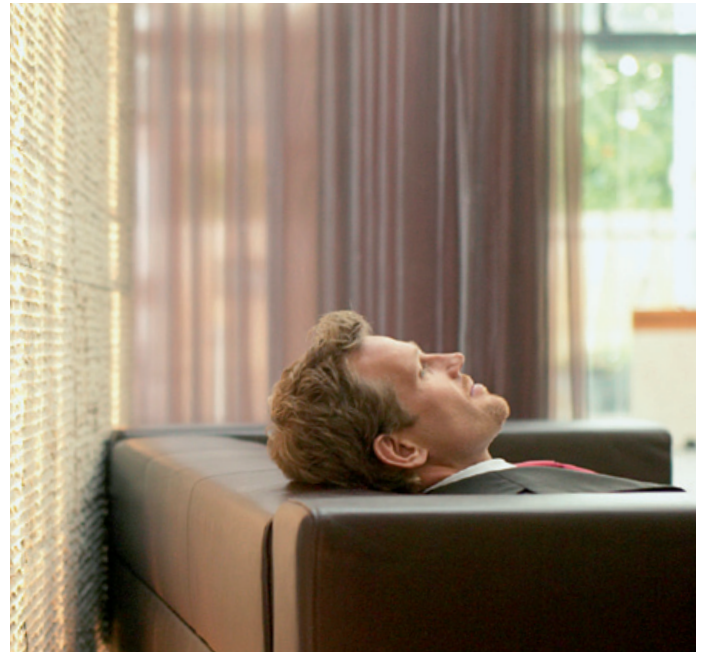
Lighting sets the scene and communicates emotions. Expressive compositions of several light sources will fascinate and inspire all your guests. Modern building control allows you to put your establishment in the right light – intuitively and with effect!



KNX sensors

Lighting control

ABB's comprehensive Room Master solution offers you unparalleled flexibility in controlling hotel room lighting. Intelligent building control allows all lighting-related functions to be combined in a single installation solution. This ensures intuitive and simple operation by guests, increased safety and convenience through, e.g., situation-based operation and not least energy saving through occupancy based lighting functions.



A home away from home

Whether winter or summer, shutters and curtains protect your guests from outside influences and protect their privacy. Modern building control „works with you“ and helps you automate daily routines, offering increased convenience for guests and reduced running costs for you.



Busch-priOn operating concept

Shading

Shutter and curtain control is an integral part of the ABB Room Master concept. ABB gives you the flexibility of deciding whether shading is controlled according to guest requirements, based on the actual room status and usage or according to central facility commands. A truly positive contribution to the level of comfort in the room and to your economics.



Service at the push of a button

Not only your guests can inform you of their wishes. Now you can remain in continuous contact with the room at all times. Automatic system messages to hotel service staff allow you to make the ideal preparations for a friendly reception of your guests and much more. Intelligent building control ensures that you can offer the highest level of service. And once everything is as it should be, the reception will be politely informed: please do not disturb...



Switch program *pur* Stainless

Service

Efficient room management, including top service for demanding guests, can now be implemented for the first time with ABB Room Master. The electrical networking of the system offers you a complete overview of the operating status of the building in real time, allowing economic and efficient organisation of services and building management.



Security and safety

Your guests expect you to go to any length to cater to their well-being. The Intelligent building control allows the integration of safety-relevant features above and beyond the stipulated security and safety measures. Increased protection for your operation allows you and your guests to sleep soundly at night.



KNX-UP motion detector

Security and safety

A particular strength of the integrated ABB Room Master solution is its networked communication. The forwarding of safety-relevant messages and the ability to take appropriate action from an external location, e.g., the reception or the maintenance centre, really make the ABB solution stand out. Applications such as emergency call and panic functions as well as automatic switching of lighting should a potential situation arise can be easily added on.



Unprecedented levels of comfort, convenience, service and safety for guests

Although hotel guests have varying wishes, there are many things they all expect. Alongside security and outstanding service, key factors for customer satisfaction include the convenience, comfort and facilities offered by a hotel.

ABB Room Master's versatile range of functions help guarantee a luxurious and comfortable environment – ensuring that guests will want to visit time and again. First class hotels have more to offer. Their environment adapts to their guests. Intelligent building control allows you to cater to the preferences, desires and expectations of your guests in a professional manner.

The ability to monitor the building in real time, including visualisation of potential dangers, allows you to act preventatively. If an emergency does arise, the ABB Room Master concept enables you to react quickly and effectively. Peace of mind for you and your guests.



The highest security and profitability for your investment

High quality fittings, fixtures and facilities are just a few of the factors that are important for first class hotels. The ABB Room Master also places great emphasis on efficient and environmentally friendly execution of your processes. The aim is simple: supporting cost optimisation throughout the entire life-cycle of your project – starting from the planning and construction phases of your hotel.

The ABB Room Master thereby significantly boosts the value of your enterprise without driving up costs. This system not only improves the level of your facilities, it also increases your flexibility. Fast and trouble-free system upgrades are possible at any point – saving you precious time and money.

Make use of intelligent building control to support the efficiency of your facility management and expand the range of services at your hotel. Energy savings and extra convenience also form an inseparable and, above all, economic symbiosis when intelligent building control from ABB is in operation.



The ABB Room Master: Innovative technology, impressive features

Intelligent building control from ABB is the solution to meet the requirements of today's modern hotel buildings and ultimately form a sound basis for successful investments. The heart of the hotel concept is the ABB Room Master – the central device for the entire electrical installation within the hotel room.

The ABB Room Master is a single device that automates the climate control, lighting and shading of the rooms. It also switches socket outlets and executes further functions which have an impact on comfort, safety and security. The ABB Room Master is seamlessly integrated into a system via the tried and tested KNX bus technology – a standard recognised the world over. This makes it possible to implement a networked installation and effectively integrate it into other hotel systems. It is the interaction between the functions that creates new opportunities and offers a real benefit for both guests and operators.

The ABB Room Master is available in two different versions according to the requirements of your specific project. The Basic model is used in projects for which cost-effectiveness and simplicity are the primary criteria, while the Premium model offers maximum flexibility, functional scope and convenience. Both versions boost profitability and energy efficiency – making an important contribution to environmental and climate protection.

ABB Room Master, Basic



ABB Room Master, Premium





ABB Room Master - Sample Application

Application	Functions
Lighting	Controls the entire room lighting: Switching, lightscenes, master commands
Climate	Temperature control specially adapted to each room: Heating, ventilation and A/C
Shading	Controls shutters, roller blinds or curtains: Light level and temperature set to guest's specific wishes or set to automatic mode
Service	Service before, during and after a guest has used the room: Welcome scenarios, "do not disturb", "please make up room"
Safety	Safety at all times and in all situations: Emergency signal and error messages sent to reception and facility management

Proven energy efficiency through KNX automation

Intelligent Installation Systems, with their central control of all electrical components, make a major contribution to low, requirements-based energy consumption.

The global KNX technology standard is proven to offer double-digit percentage savings and also significantly improves comfort as a welcome secondary effect.

ABB i-bus® KNX

The complete solution for hotels

A hotel is made up of much more than just hotel rooms, it is a building teeming with life and emotions. A hotel possesses many different spaces with diverse usage. Here too, ABB's intelligent building control offer outstanding options for assuring efficient and environmentally friendly operation in receptions, public areas, seminar rooms, conference centres, health and fitness areas, restaurants, kitchens, service areas and outdoor facilities.

ABB is an internationally renowned company in the field of Smart Home and Intelligent Building Control solution with over 25 years of experience. ABB offers a complete product range covering the entire electrical installation needs of the hotel sector. ABB i-bus® KNX is the solution of choice for all your building technology requirements.

Discover the full potential of your hotel at:
www.abb.com/knx



KNX – a pioneering technology

The ABB Room Master is part of the ABB i-bus® KNX product range – the cutting edge technology for intelligent building control. KNX is the first globally standardised system for home and building automation, standardised in EN 50090 and ISO/IEC 14543. Over 120 international, certified manufacturers are members of the KNX Association, which promotes the continuous further development and acceptance of the technology and standard across the globe.



Pictures courtesy of Kempinski Hotel Mall of the Emirates

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