

Kempinski The Dome Hotel, Antalya

Oriental Flair with State of the Art Technology



Picture 1. The Seljukian style architecture gives a special flair to Kempinski The Dome on the Turkish Riviera.

The new Kempinski luxury hotel, The Dome, on the sunny beach of Antalya presents itself like a dream from 1001 Nights. The architecture of the modern building complex is reminiscent of the Seljukian style. The hotel complex with 157 rooms, 16 villas and two royal vials, six restaurants and three bars is located on an area of approximately 1,250,000 m².

The tastefully designed rooms are designed with Mediterranean colors and are equipped with the latest technology. You will not find the typical "Please do

not disturb" signs anywhere at the Kempinski The Dome. This information is displayed on the door with an LED display that can be turned on conveniently by the guest from bed.

The leisure options are dominated by wellness and golf. The active guest can enjoy a game of golf on two separate golf courses in the large park. The hotel spa offers a relaxing environment. The wellness area offers five different saunas, open-air massage pavilions, jacuzzi, a Thalasso center and a large outdoor pool area.

Benefit of KNX for this Project

- For the hotel guest:
Comfort in every room, custom-tailored to the individual needs of every guest, light scenes can be recalled at the push of button.

- For the hotel:
Efficient energy management through automatic turn-down of energy consumers as soon as the rooms are not in use anymore.

Project-Nr.: Z2-08-D

Country: Turkey

Type of Building

- RESIDENTIAL
 - Single Family Home
 - Apartment Building
 - Senior citizen home
 - Assisted living
- COMMERCIAL
 - Office / Public Administration Building
 - Business
 - Entertainment (Cinema, Theater, Museum, etc.)
 - Health Care
 - Educational (School, University, etc.)
 - Recreational (Sport, Wellness, etc.)
 - Industrial
 - OTHER

Trade / Systems

- Lighting
 - Shading / Daylighting Control
- Heating, Ventilation, Air-Conditioning
 - Household appliances
 - Alarm Systems
- Monitoring
 - Energy Management System
 - Smart Metering
 - Audio/Video
- Visualization
 - Interface to other Systems
 - RemoteControl and Administration
 - Other Application

Size

- Number of Areas / Lines: 14/194
- Number of KNX Devices: 2340



Picture 2. Luxury room with state of the art technology provides individual comfort.



Picture 3. 16 villas and two royal villas are also part of the hotel complex

Rooms with Thought-Out Comfort Functions

The technically advanced and standardized technology without a commitment to a single manufacturer which provide high user comfort and energy efficiency were the determining reasons for the investors and operators of the Kempinski Hotels to use KNX for the room automation.

At the check-in of the guest, the following functions are activated for his room from the reception: The ventilation is set to comfort mode, the welcome lights and TV are turned on. All other functions are operational as soon as the guest enters his hotel card into the card reader which is connected with a binary input. When the guest leaves his room, the lights and ventilation switch to stand-by mode. One of the standard functions of the rooms in the Kempinski The Dome Hotel are the on, off and dim settings of the room lights. The lighting system can be controlled to four different scenes with a 4x KNX multi-func-

tion switch and can also be controlled from the bed. A thermostat controls the ventilation. The guest may choose three different settings. A display shows the current and the set point temperatures as well as the time. It also shows if the ventilation is set to comfort or night mode. All thermostats can be parameterized by the facility managers. When the guest checks out all room automation functions are turned off or turned down to a minimum at the reception.

Fast Help in Case of Emergency

All bathrooms are equipped with an emergency call system. This ensures that the reception will be alerted through the bus system with an acoustic alarm and the display of the room number in case of an emergency and that the personnel can react accordingly.

Sophisticated features

- The room automation can be controlled from the reception, e.g. switch over of the fan coil unit from comfort to night mode. The guest is welcomed with high room comfort when he enters his room.
- All lights of the 18 villas in the park are connected to the KNX system. The dimming functions of lights in all of the rooms create a unique atmosphere with different scenes.

Involved Parties

Owner:

Ali Akkanat Holding A.Ş.,
Esenyurt/Istanbul, Turkey

Architect:

Artemim, Anyalya, Turkey

Electrical Engineer:

Hitit Aktif Ltd., Ankara, Turkey

KNX system integrator:

Hitit Aktif Ltd., Ankara, Turkey



KNX Association / Bessenveldstraat 5 / B - 1831 Diegem-Brüssel
Telefon +32 - (0) 2 - 775 85 90 / Fax: +32 - (0) 2 - 675 50 28
E-Mail: info@knx.org, Hotline / Support: support@knx.org,
Verkauf / Sales: sales@knx.org
Web: www.knx.org

Awards



KNX Award 2008
Category
International Award