



## A brief introduction to KNX:

The demand for comfort and versatility in the management of heating, lighting and access control systems for a family home as well as an office complex is growing. At the same time, the efficient use of energy is becoming increasingly important. People want a comfortable, sustainable and safe place to live and work and that's where automation jumps in.

However, more convenience and safety together with lower energy consumption can only be achieved by intelligent control and monitoring of all products involved. This is a true challenge as it implies more wiring, running from the sensors and actuators to the control and monitoring centers. For professionals, such a mass of wiring also means higher design and installation efforts, increased fire risk and soaring costs. That's where KNX jumps in!

## Maximized flexibility and personalization

The possibilities of creating a smart home or office are numerous. Keep it simple with light control or go all the way and connect different sorts of devices. KNX takes automation and personalization to the next level.

## In November 2<sup>nd</sup>, 2017 AlRiyad Group becomes a KNX Partner

After our engineers have passed the advanced certification exam this year in Dubai, AlRiyad Group became an official partner with KNX.

KNX is an International Standard (ISO/IEC 14543-3) as well as a European Standard (CENELEC EN 50090 and CEN EN 13321-1). It is the world's only open Standard for the control in both commercial and residential buildings.

The driving force behind KNX is KNX Association, a group of leading companies active in many fields of home and building control. Currently, KNX Association has more than 370 members, accounting for more than 80% of the home and building control devices sold in Europe. As common goal, these companies promote the development of building installation systems in general and KNX as the world's only open STANDARD for home and building control. Worldwide KNX Association has partnership agreements with more than 44.000 installer companies in 128 countries, more than 100 technical universities as well as over 300 training centers.

After got the certification of KNX, Alriyad Group start do a business with one of the biggest Company in Automation ZENNIO:

## ZENNIO

technology solutions for hotels, homes and buildings.



### 1- **Hotels:**

Enhance ratings for customers by developing the facility by controlling on curtains, lightings, heating.... etc..

### 2- **Homes:**

Reliable technology for homes using customization

### 3- **Businesses:**

flavorful business greater control, and more efficiency.

## Products:

### Z41 Remote



### Flat 1/2/4/6. Customizable

Backlighted capacitive touch switches in Flat family, with proximity sensor, flat design (9mm) and total customization.

Everyone can create unique compositions, including images, icons, texts or logos, which are printed on a high-strength tempered glass. There are models with 1, 2, 4 or 6 configurable buttons and backlighted icons, which regulate their brightness with the included ambient luminosity sensor and attenuate when the user is not detected by the proximity sensor.

Flat 1/2/4/6 incorporates an internal temperature probe and thermostat, as well as 2 analog-digital inputs that may be configured for potential-free sensors and push buttons, temperature probes or motion sensors. Accessories: temperature probe, motion sensor. \* Check availability.

Available options:

- Polycarbonate Anthracite
- Polycarbonate Silver
- Polycarbonate White

