Manual

pureKNX4Hotel

KNX

Interior Systems

tci

List of Content

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2. Introduction

The pureKNX devices are operator displays to control all kind of electrical equipment using the KNX standard. The programming is done entirely with ETS4.

The pureKNX devices can be operated in a Hotel Mode, which allows a hotel guest to use his own device (Smart Phone or Tablet). This manual explains the operation through the user as well as the set-up and operation for the hotel staff.

3. Hotel Guest

3.1 Overview

The user can install the pureKNX App from Google Playstore or from Apples Appstore. The App is free of charge and needs to be installed only once, but can be used in any hotel that provides pureKNX equipment. It finds and connects automatically to the dedicated room server (via the hotel WLAN) and provides the same user interface like the built in operator panel. This user interface allows for the control of all connected electrical devices in the hotel room like lights, sensors, climate control, blinds etc.

3.2 First Time Check In

When the user first checks in to a hotel which provides pureKNX, the hotel receptionist will create a unique ID which needs to be entered to the app once. This ID will be used every time the user comes back to this hotel or to a hotel which is operated by the same company.

Like usual, the receptionist will also give the user access to the hotel's WLAN, whatsoever the preferred procedure would be.

3.3 Check In

For future check-ins, the receptionist will create an access-code for each of the hotel guest's stays in this hotel. This access code will be transferred automatically to the user's App as soon as he is in the range of the hotel's WLAN and starts the App. So once the App is installed and the hotel user id is entered, everything works fully automatic for the hotel guest.

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4. Hotel Operator

4.1   First Time Installation

4.1.1 First Time Setup pureKNX panel
The first time installation in the hotel requires the following steps:
1.   Electrical installation and KNX programming (done by a professional)
2.   Enter the local Setup Menu on the display and activate ‚Hotel Mode'
3.   In Setup Menu: Enter a secret Hotel password which protects the device from third party reconfiguration
4.   In Setup Menu: Enter the room number
5.   In Setup Menu: Enter the IP Address of your ‚pureKNX Hotel Server Software' (runs on a PC at the reception)

4.1.2 First Time Installation ‚pureKNX Hotel Server Software'
The ‚pureKNX Hotel Server Software' (Server) is a Web-Server based Application that runs on PC's using Windows 7, 8 or 10. It is operated using a standard Web-Browser.
This PC must be connected to the hotel network which is also visible by the WLAN.
After installing the Software, the hotel operator needs to enter once his secret password (same as on pureKNX panels) and a unique hotel ID, which is provided by the manufacturer of this Software.

4.1.3 Support for Multi Languages
If desired, the hotel operator can add translations for all texts used on the pureKNX user interface. This can be done via a Web-Interface which is provided by each pureKNX panel.
There is no limitation to the number of languages to be supported.

4.2   First Time Guest Registration

4.2.1 Guest ID
The system requires a unique guest ID, which can be any kind of number or text. An existing ID of the hotels reservation SW can be used, or any other unique ID. For first time registration, this ID must be communicated to the guest and the guest needs to enter it into his App.
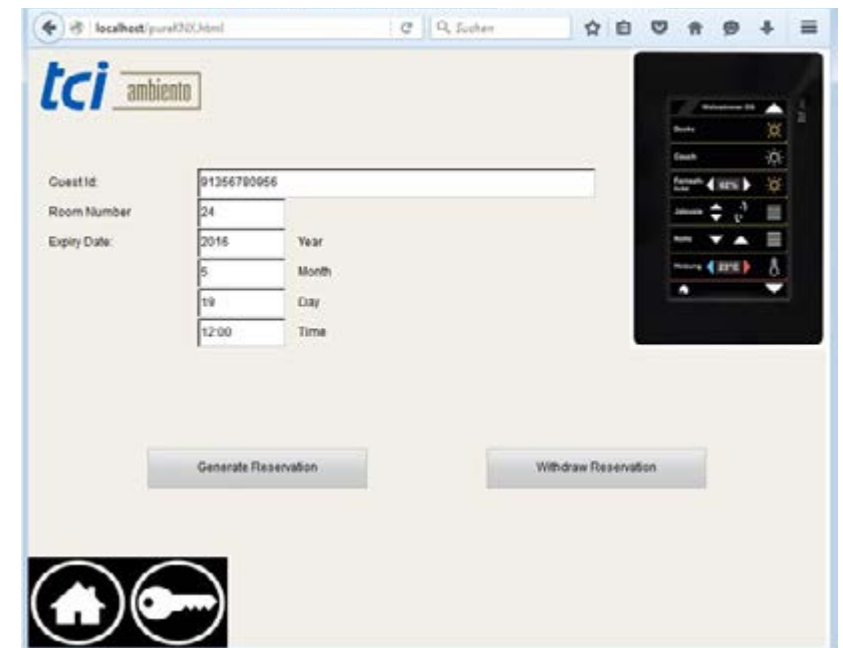
4.3 Regular Check In Procedure
After first time registration, the receptionist can use the following Web-browser interface to register the stay of the guest:

-   Enter the guest ID (can be copied from reservation SW that already runs on the PC)
-   Room Number
-   Expiry Date: The access will be interrupted starting from this time.
By Pressing the button ‚Generate Reservation', the respective File will be automatically created by the SW. This file will be read automatically by the guest's App, as soon as he first opens it. These codes will remain active until they are either copied to the guests App or they expire. The guest will be able to access the pureKNX server of his room (using the Hotel WLAN) until his code expires.

An access right can be withdrawn by entering the user ID and the room number, in case of a change to another room or an early leaving of the guest.

The active language of each room can also be changed by this server SW by entering the room- number and the deired language. This modification will have immediate effect.

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