

# UM11037

## OM27462 Smart Lock Kit Quick start guide

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User manual  
COMPANY PUBLIC

### Document information

Information	Content
Keywords	OM27462NBR, Smart lock KIT
Abstract	Short description of how to connect and operate the Smart lock kits with contactless cards and mobile phone.



Revision history		
Rev	Date	Description
1.1	20181010	<ul style="list-style-type: none"><li>• <a href="#">Figure 2</a>: updated</li><li>• Editorial update</li></ul>
1.0	20161116	First release

# 1 Smart Lock KIT Content

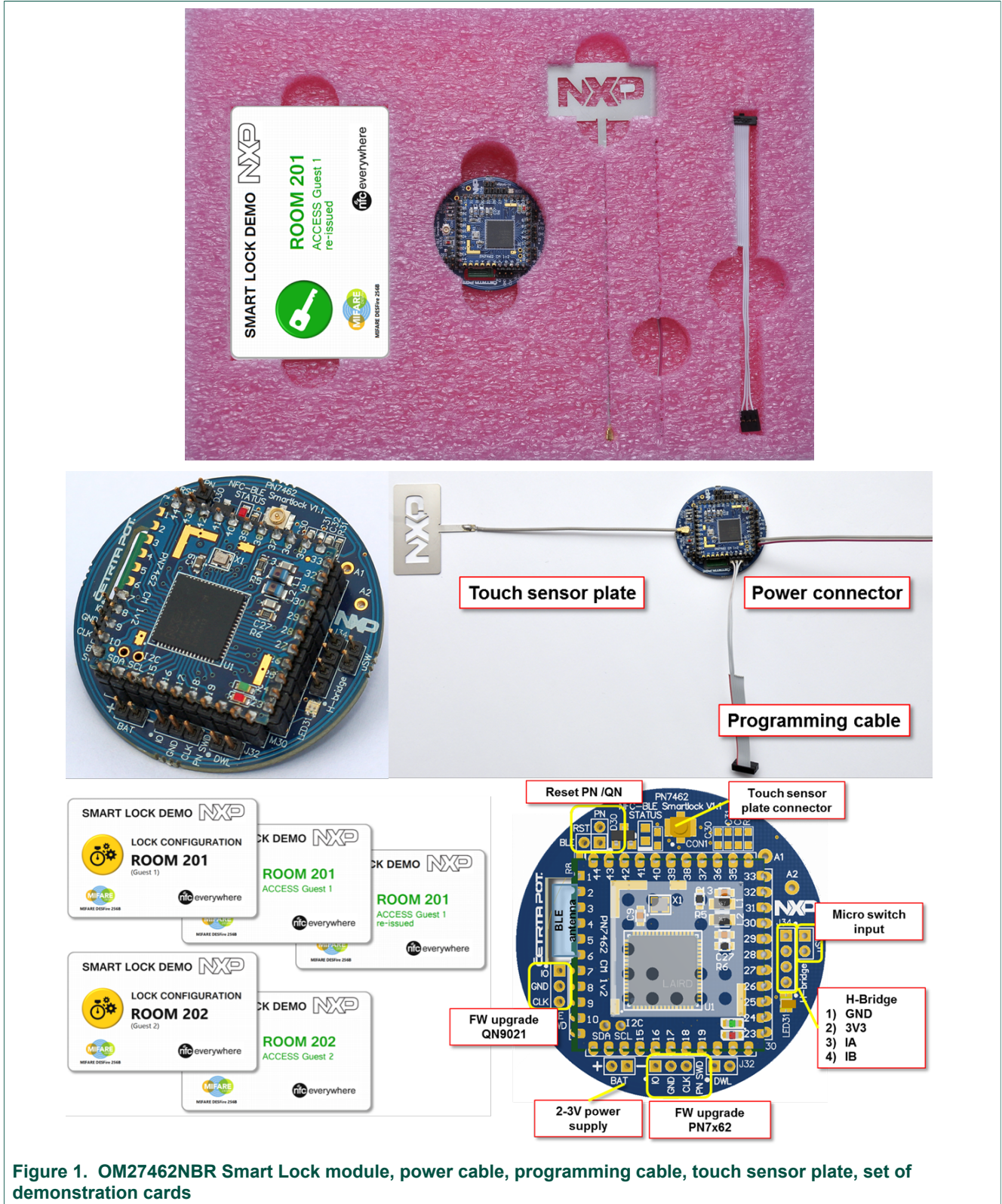


Figure 1. OM27462NBR Smart Lock module, power cable, programming cable, touch sensor plate, set of demonstration cards

## 2 Getting started

### 2.1 Setting up the hardware module

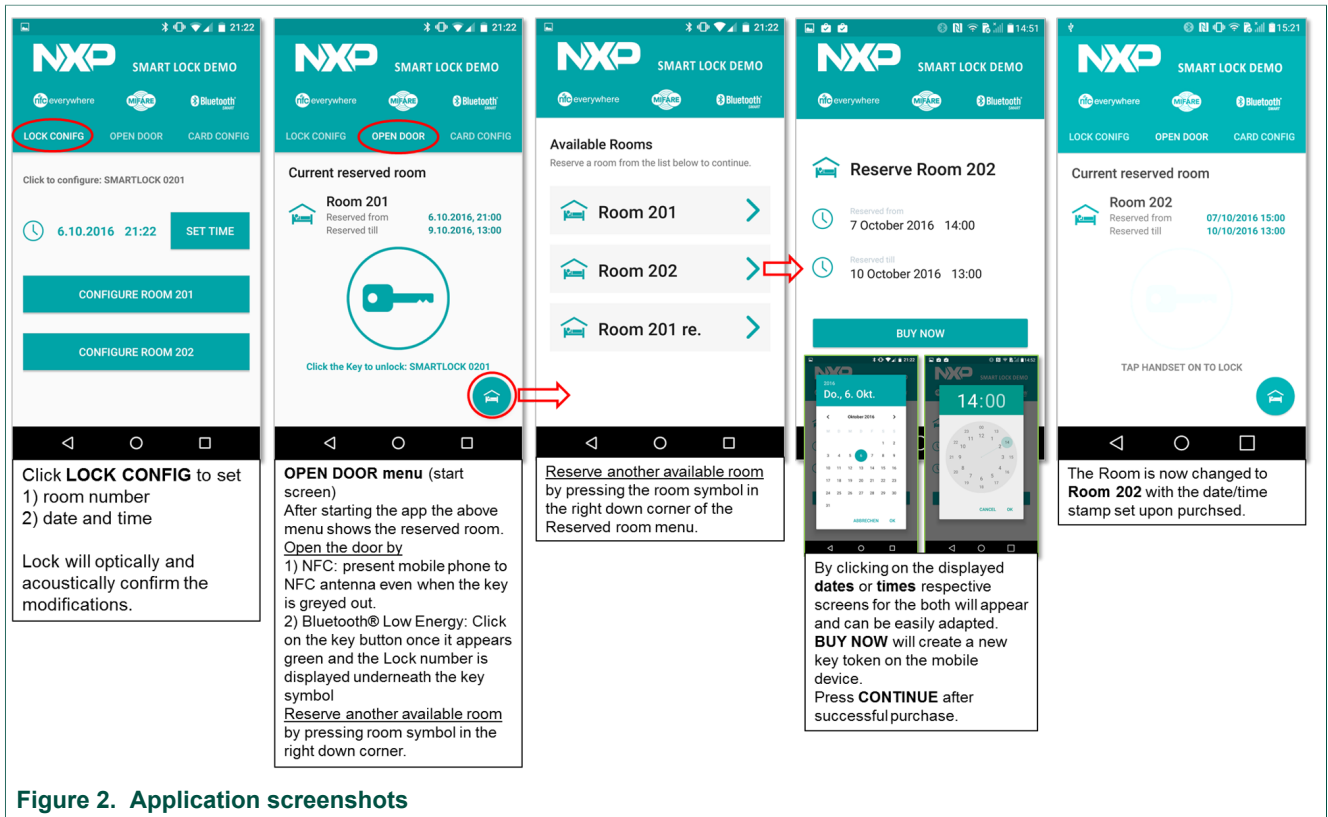
1. Connect the Touch sensor plate as shown in fig. 1.
2. Connect a DC power source (2 V to 3.3 V) to the pins labeled “BAT” (see Fig. 1)

### 2.2 Using the demonstration cards

1. Configure Room 201 by bringing the “Lock Configuration Room 201” card in close proximity of the module. Wait for lock configuration sequence completion which is indicated by the RGB LED and on board buzzer while active.
2. Present “Room 201 ACCESS Guest 1” card or “Room 201 ACCESS Guest 1 re-issued” card in close proximity of the module. If the card is valid and accepted, LED will light up green and the buzzer will give a brief beep indicating acceptance. If an invalid card is used, the LED will light up in red and the buzzer will beep 3 times.  
**Note:** By presenting the “Room 201 Guest 1 re-issued” card, the “Guest 1” card will be invalidated and not accepted further until you re-configure Room 201 with the respective configuration card.
3. In order to set the Smart Lock to an alternative room / guest, re-configure the lock to room 202 / guest 3 with the respective “Lock Configuration Room 202” card. Guest 3 will be accepted whereas Guest 1 – Room 201 cards are declined.

### 2.3 Operating the Smart Lock using the mobile Smart Lock App

Download the Smart Lock App at [www.nxp.com/demoboard/OM27462NBR](http://www.nxp.com/demoboard/OM27462NBR) and install on mobile device.



For more information please visit: [www.nxp.com/demoboard/OM27462NBR](http://www.nxp.com/demoboard/OM27462NBR)

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## Figures

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