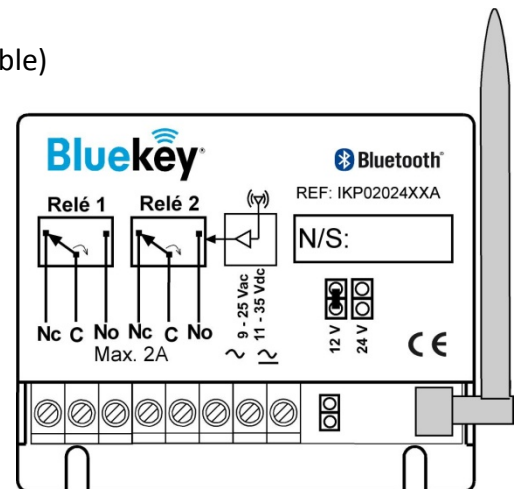


IKP02024xxA Receivers Brief Manual

This manual is for references: **IKP02024xxA** (xx variable)

Electrical characteristics and electrical arrangement

- Power supply: 9 – 25 V_{AC} ó 11 – 35 V_{DC} (depending of JUMPER position)
- Maximum Consumption: 130 mA
- Temperature range: -40°C a +85°C
- Relay: 2A -12V_{DC} 1A-30V_{DC}
 0,3A-60V_{DC} 0,5A-125V_{AC}



Download and install the program Bluekey® in mobile, BlackBerry or PDA

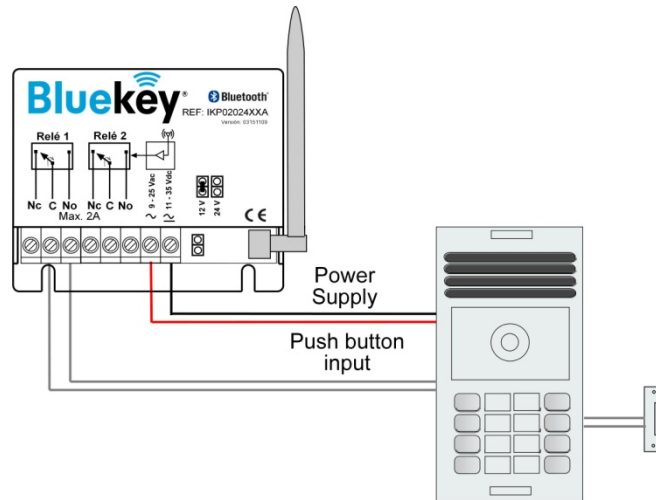
To use BlueKey, you must to install the BlueKey program in the mobile, BlackBerry or PDA following the procedure explained in the page <http://www.bluekey.es/descarga>

How to generate an iKey® code

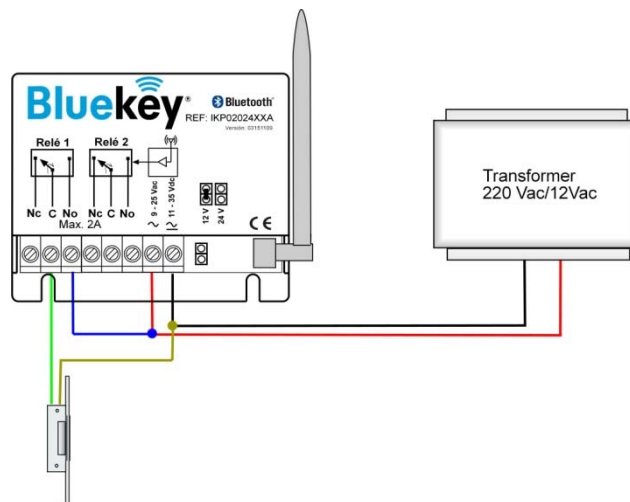
1. Open the Bluekey program in your mobile or PDA and select in the option menu the **iKey** word. Then enter the iKey PIN. The default is 123.
2. Enter in the **Pass** field, the number of 13 digits located in the rear of the receiver. For security you should write in a safe place and remove it from the receiver. **If you lose this number you can not generate codes any more.**
3. Write a user number from 1 to 5, 10 or 20 (this maximum number of users depends on the product reference) in the **Position** field. If you assign one position to two users or telephones, the last to use the order will cancel the first user. This allows to cancel users by replacement.
4. Indicate in the **Destiny** field, the telephone number of the mobile which you want to send the code. The code is sent by SMS. Target mobile must have installed the BlueKey Program. If you leave it blank the code will be create in your own mobile.
5. **Output:** Indicate the relay or output that you want to use, 1 indicate relay 1, and 2 indicate relay 2.
6. Select the type of order more suited to the use of controlled device. The orders available are:
 - a. **OPEN:** it causes the activation during two seconds of relay (for example for door entry systems and automatic garage doors).
 - b. **MOPEN:** it produces a pulse in the relay each time you press a key on the mobile without cutting communication with the receiver. Allows you to control more quickly several pulses followed (for example for blinds where you want a fine control of position).
 - c. **ON:** Permanent Activation of relay.
 - d. **OFF:** Turning Off the relay.
 - e. **REVERSE:** Change of the state of ON/OFF and vice versa.
 - f. **SCROLL:** This command control both relays in a continuous way using the mobile keyboard. It useful for blinds.
7. Once last field are completed select **Options, Generate.**
8. A new line or command appears in the main screen of the BlueKey application in the destiny mobile with the name of the Order Type you selected. You can change this name selecting **Options, Modify.**
9. If mobile is a BlackBerry you should type the PASSKEY "0000" only the first time you open that door.

Connection examples

1. Example of connection to door entry system.



2. Example of direct connection to electric lock



3. Example of connecting high power relay

