BioKey Code – Premium

Plus with two Relay Functions

Technical Data

Dimension (WxHxD):	44 x75 x 29mm
Operating voltage:	**8 bis 30V DC**
Relay:	24V 500mA
Operating temperature:	-20 to +85 ℃
Memory capacity:	1 Mastercode, 20 Usercodes

Prog. Mode	Function	Approach
Administration mode	Changing the Mastercode (Menu 1)	✱ **Current Mastercode** ✱ **1** ✱ **New Mastercode** ✱ If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. **At delivery the mastercode is 2589.** Example: ✱ **2589** ✱ **1** ✱ **2587** ✱
	Setting/Changing a Usercode (Menu 2)	✱ **Mastercode** ✱ **2** ✱ **User Number [1,2,…20]** ✱ **Usercode** ✱ If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. User Number is a number from 1 to 20. **At delivery no Usercode is set.** **The User Uneven Number (Index like 1, 3, 5….19) is for Relay1 and the Even Number (Index like 2, 4, 6….20) is for Relay2** Example: ✱ **2589** ✱ **2** ✱ **1** ✱ **2580** ✱ **Usercode 2580 for Relay1** Example: ✱ **2589** ✱ **2** ✱ **4** ✱ **2588** ✱ **Usercode 2588 for Relay2**
	Deleting a Usercode 1.alternative (Menu 3)	✱ **Mastercode** ✱ **3** ✱ **User Number [1,2,…20]** ✱ If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. User Number is a number from 1 to 20. Example: ✱ **2589** ✱ **3** ✱ **1** ✱
	Deleting a Usercode, 2.alternative (Menu 3)	✱ **Mastercode** ✱ **3** ✱ **0** ✱ **Usercode** ✱ If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. Example: ✱ **2589** ✱ **3** ✱ **0** ✱ **2580** ✱
	Changing the Relay Time (Menu 4)	✱ **Mastercode** ✱ **4** ✱ **Relay Number [1 or 2]** ✱ **Time [1-60]** ✱ If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. Relay Number: 1 or 2. Relay time: from 1 to 60 seconds. At delivery the relay time is set to 3 seconds. **Example: ✱ 2589 ✱ 4 ✱ 1 ✱ 2 ✱ Change the Relay1 Time to 2 sec**
Normal Mode	Opening the Door	**Usercode** 🔑 If the Usercode is correct, the green LED turns on and the relays activate. If the Usercode is wrong, the red LED turns on. **Example: 2580** 🔑
Reset	Deleting All Codes (reset to delivery state) (Menu 0)	At the blackbox-PCB (inside unit) press and hold the Delete key for 5 seconds Black Box or at the keypad: ✱ **Current Mastercode** ✱ **0** ✱ **Current Mastercode** ✱ ➔ all LEDs turn on and delivery state (Mastercode=2589) is restored **Example: ✱ 2587 ✱ 0 ✱ 2587 ✱**

1. At delivery (no user codes set): all LEDs (Red/Green/Blue) are on.
2. Regular or simple combinations (e.g. 8888, 123456 or 4321) are <u>not</u> allowed. Master/Usercode: **must have4-6-digits.**
3. **Blocking:** If a wrong code is entered 5 times in a row, the module switches to blocking mode, in oder to prevent unauthorised persons from trying large numbers of codes. In blocking mode the red LED flashes continuously. The blocking mode is time-limited at first. For every 5 wrong codes the blocking time increases (Blocking Intervalls: 1 minute, 5 minutes, 30 minutes, 1 hour, then unlimited). Unblocking: **Usercode**🔑 **Usercode**🔑