MB KEY EXPERT EVO.

For FBS3 system keys.

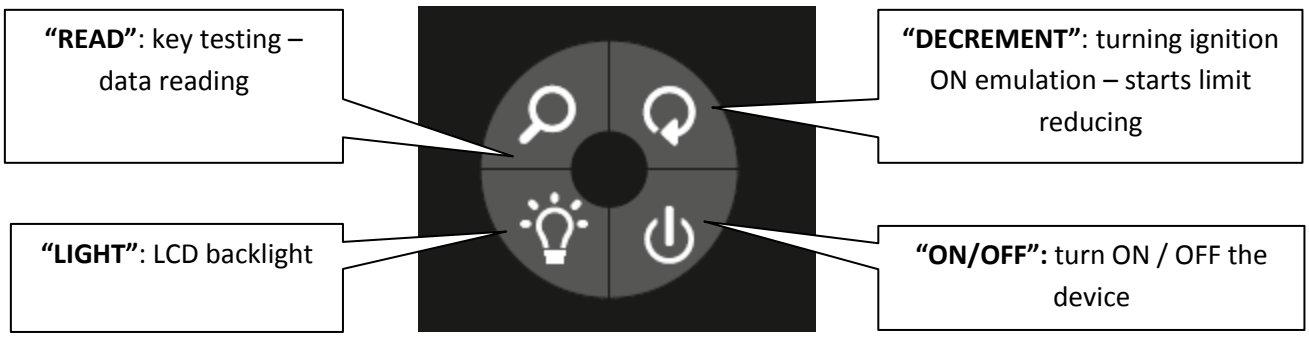
Feachures:
Raeds key data via IR port.
Tests radio frequency and key battery voltage.
Changes key's Life quantity.

General view.

Power supply.

MB Key Expert EVO gets power from Li-Ion battery (accumulator) or from PC (or stationary power supplier 5 Volts) via USB standard B. USB connection mode charges accumulator at the same time. In battery mode you see battery voltage value when you turn ON the device.

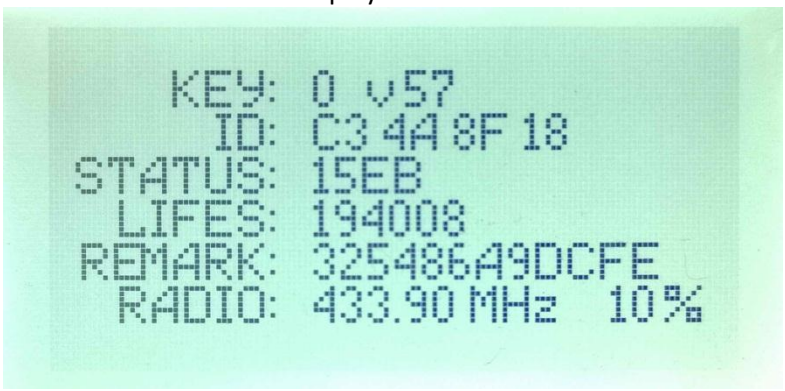
Keypad.



Job operations.

Press “ON/OFF” button to turn ON the device.
Insert testing key in to the slot.

Press “READ” button. Key identification data will be displayed on LCD.



If key data stay empty on LCD it means IR communication doesn’t work in this key.

ID characteristics meaning:

KEY: key number and it’s software version – according the same system like in Star Diagnostics.

ID: SSID of keys set

STATUS: key’s EEPROM condition:

21DF – new key, ready to be programmed. Options KEY, ID, LIFES should be empty.
04FC – new key, personalized (programmed) but not activated in EIS
14EC, 15EB – programmed and activated key
There are few more STATUS values possible depending on key software version.

LIFES: - limit of turning ignition ON – to reduce this value at one you can use DECREMENT button option.

REMARK: - service information – it does not influent to the key work

RADIO: - radio frequency and radio signal power. Press any button on the key when it stay inserted in the testing slot. If you get RF value much differ from standard value (433.90 or 315 Mhz) or you have nothing in the RADIO option – it means that RF transmitter id damaged in the key or RF signal is too low, or RF jam is too high in the area where are you testing. In this case just try to test once again – press key button one more time or try to press other button.

433.92 MHz – European market cars
315.00 MHz – US and Japanese market cars