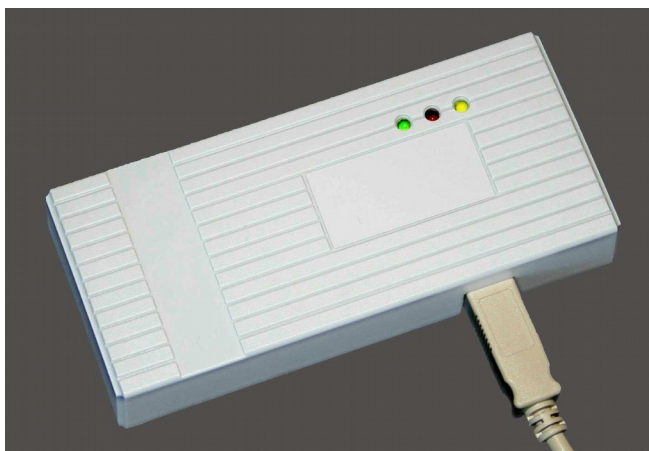


# 727-53 MIFARE<sup>®</sup> Card Programmer

## Data Sheet

### Overview

The 727-53 MIFARE<sup>®</sup> Card Programmer will load values into any sector of a MIFARE<sup>®</sup> card. It will also program MIFARE<sup>®</sup> cards for use with the 716-xx, 718-xx, 723-x, 724-xx, 727-xx, 735-xx and 737-xx families of OEM Mifare reader/writers. The card programmer plugs into the USB port of a PC. Software is included to install on the PC.



### Programmer Specifications

Power requirements: Powered by the USB port of the PC.

RF Frequency: 13.56 MHz.

Read/write cards supported: MIFARE<sup>®</sup> Ultralight, Std 1K and 4K, Mifare PlusX/PlusS SL1., NTAG2XX

Physical dimensions: 118 x 54 x 21mm

Operating temperature: 0 - 50 °C (non-condensing).

### Software Features

Software runs on Windows 95/98/NT/2000/XP/Windows 7.

Programs any sector on a Mifare card with any data. Supports VALUE format.

Programs keys and access bits into the trailer block of any sector on the card.

Format Sector 0 and/or Sector 16 of the card into a Mifare Application Directory (MAD) according to MAD1 and MAD2 specifications.

View/Edit/Add applications in the MAD directory of the card.

Personalise Mifare Plus cards taking them from SL0 to SL1.

Creates secure configuration cards for the 718-xx, 724-xx, 735-xx, and 737-xx families of OEM Mifare readers. Configuration cards set the following on the readers:

- Sector/block on card to read. This may be defined by an AID (application ID) if the card is using the Mifare Application Directory (MAD).

- Key to use for reading that sector.

- Number of bytes to read from the card.

- Format of output.

- Behaviour of LEDs and beeper on good and failed reads

- Optional AES authentication for Mifare Plus cards.

Converts a decimal ID number into appropriate wiegand or magstripe bits for programming into a sector for a secure ID card application.

Saving and loading of user configurations to disk and logging of cards programmed to a text file.