

# 719-52 MIFARE® Card Programmer

## Data Sheet

### Overview

The 719-52 MIFARE® Card Programmer will load values into any sector of a MIFARE® card. It will also program standard MIFARE® cards for use with the 718-xx family of OEM Mifare reader/writers.

The card programmer comes complete with RS-232 serial cable and Windows compatible PC software, and requires a 12V dc power supply.



### Programmer Specifications

- Power requirements: 12V dc. Current consumption is 120 mA typical.
- RS-232 port operates at 19200 baud for connection to PC.
- RF Frequency: 13.56 MHz.
- Read/write cards supported: MIFARE® Std 1K and 4K.
- Physical dimensions: 154mm x 84mm x 38mm
- Operating temperature: 0 - 50 °C (non-condensing).
- Software runs on Windows 95/98/NT/2000/XP.

### Software Features

- Software runs on Windows 95/98/NT/2000/XP.
- 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.
- Creates secure configuration cards for the 718-xx family of OEM Mifare readers. Configuration cards set the following on the 718-xx reader:
  - ❖ 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 from 718-xx (Wiegand, Magstripe, RS232, custom formats)
  - ❖ Behaviour of LEDs and beeper on good and failed reads.
- 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.