MC-T12-RW-232 (SJE343B)

Magnetic Card Dual Track 1 & 2 reader / writer with RS232 interface

Program user manual

This program can support Windows XP & Vista .

Make sure connected the reader/writer with PC correctly.

When power up , Green, Yellow & Red LED will be on a few seconds to do the self test.

Self test passed, all LED will be OFF. Self test failed, Red LED will be ON.

Then run “SJE-V1” program from the CD software pack.

Main Menu – Chinese

This program can support Chinese & English language .

Pls click on the “English” if need English menu for operation.

Main Menu – English

System Setup

Click on “System Setup” and select a suitable reader/writer part No and com port

Product model:

SJE313B – single Track 1

SJE323B – single Track 2

SJE333B – single Track 3

SJE343B – dual Track 1 & 2

SJE353B – dual Track 2 & 3

COM PORT

Port : com 1 to com 4

Band rate : 9600

Parity : None

Data bits : 8

Recording : ISO

Order Gathers : select the first one for all model

Test – Communication with PC

After selected the parameter from the “System setup” , click on “TEST” to test the communication between the writer & PC . If the communication is success , the following screen will be shown :

Otherwise the following failure screen will be shown .

If communication fails , pls click on “reset” and run the “system setup” again .

If communication success , you can start to read & write operation by the following steps .

Read card

Click on " Read " from main menu. Select which track no to read then click on "start".

Green LED ON , swipe the card in correct direction , track's data will be read and shown on screen .

Read error , RED Led - ON . Click on "STOP" to exit

Write – Single write (write single card each time)

Click on " Write" from the main menu

Two sub-menu will be shown :

"write text file" – for factory setting only , end user don't select it

"write non-text file" – for normal write operation

Select "write non-text-file" and "single write" , then input track 1 & 2 data on the screen .

Max. characters for each track :

Track 1 (79 Alphanumeric characters)

Only Capital letter can be used for Alphabet input.

Track 2 (37 Numeric characters)

Click on “Start” , then Yellow LED - ON . Swipe the card through the card slot.

Write card successfully. Yellow LED – OFF.

If write error – Red LED – ON .

Write – Incremental

Click on “ Write” from the main menu

Select “write non-text-file” and “Incremental” , input total no. of the cards to write .

Then input track 1 & 2 data on the screen .

Input start “First Number” & “Incremental” value on track 1 & track 2

Below example for 5 pcs card writing .

Track 1 Fix data is MR.PETER JOHNSION / Track 2 Fix data is 12345678

Track 1 # start from 1 . / Incremental value is 1 .

Track 2 # start from 1 . / Incremental value is 1 .

Click on “Start” and swipe the card one by one .

First card is written successfully, write next card until end of 5 pcs card.

Remakes :

[1] Follow the card slot marking direction to read/write the card.

[2] Wrong swipe direction will cause read or write failure.

[3] make sure the hardware connection is correct before run the program

[4] “Parameter Setup” is for factory setting only, end user can’t change it

[5] select the “write non-text file” for normal card writing