

MC-T12-RW-232 (SJE343B)

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

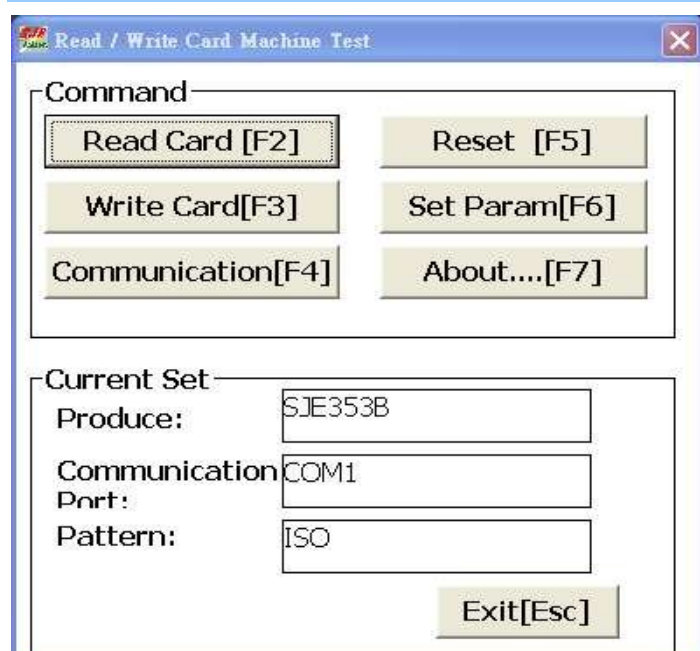
Make sure connected the reader/writer with PC correctly.

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

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

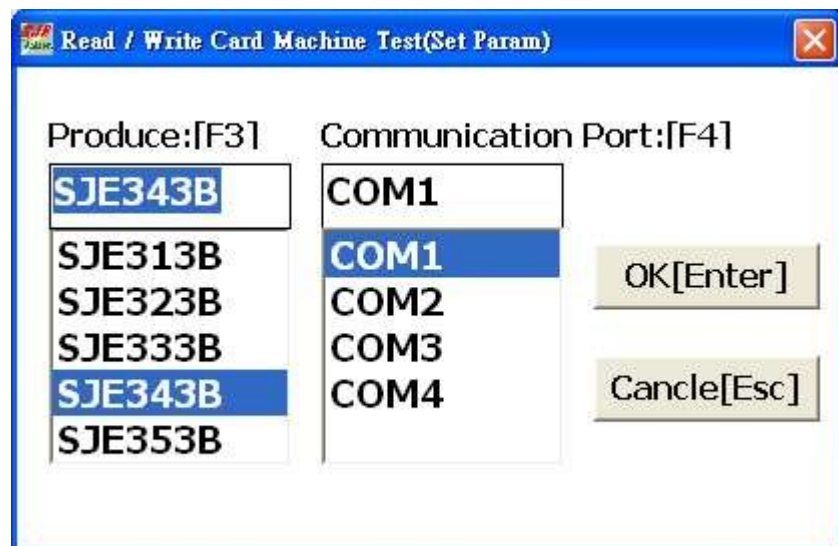
Then run "SJE" program from the CD software pack.

Main Menu



Set Parameter [F6]

Select suitable reader/writer part No and com port from the following table .



Reader/Writer part no
SJE313B – single Track 1
SJE323B – single Track 2
SJE333B – single Track 3
SJE343B – dual Track 1 & 2
SJE353B – dual Track 2 & 3

COM PORT
Support com 1 to com 4

communication [F4]

After parameter setting , click on “communication” to test the communication between the writer & PC .

If the communication is OK , the following screen will be shown :



Otherwise the following fail screen will be shown .



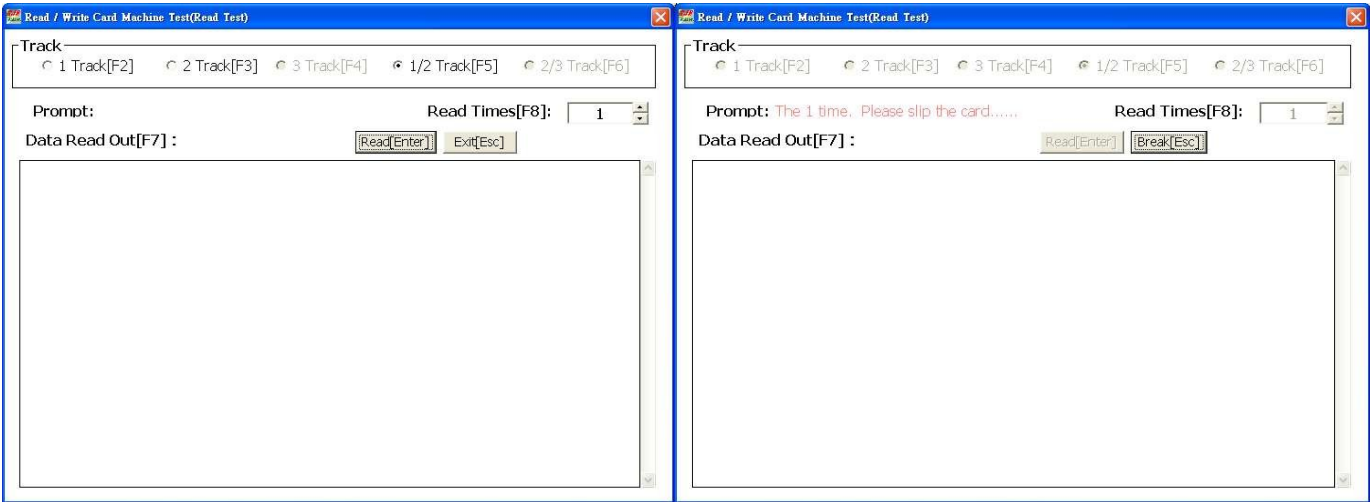
If communication fail , pls click on “reset” and check the com port setting again .



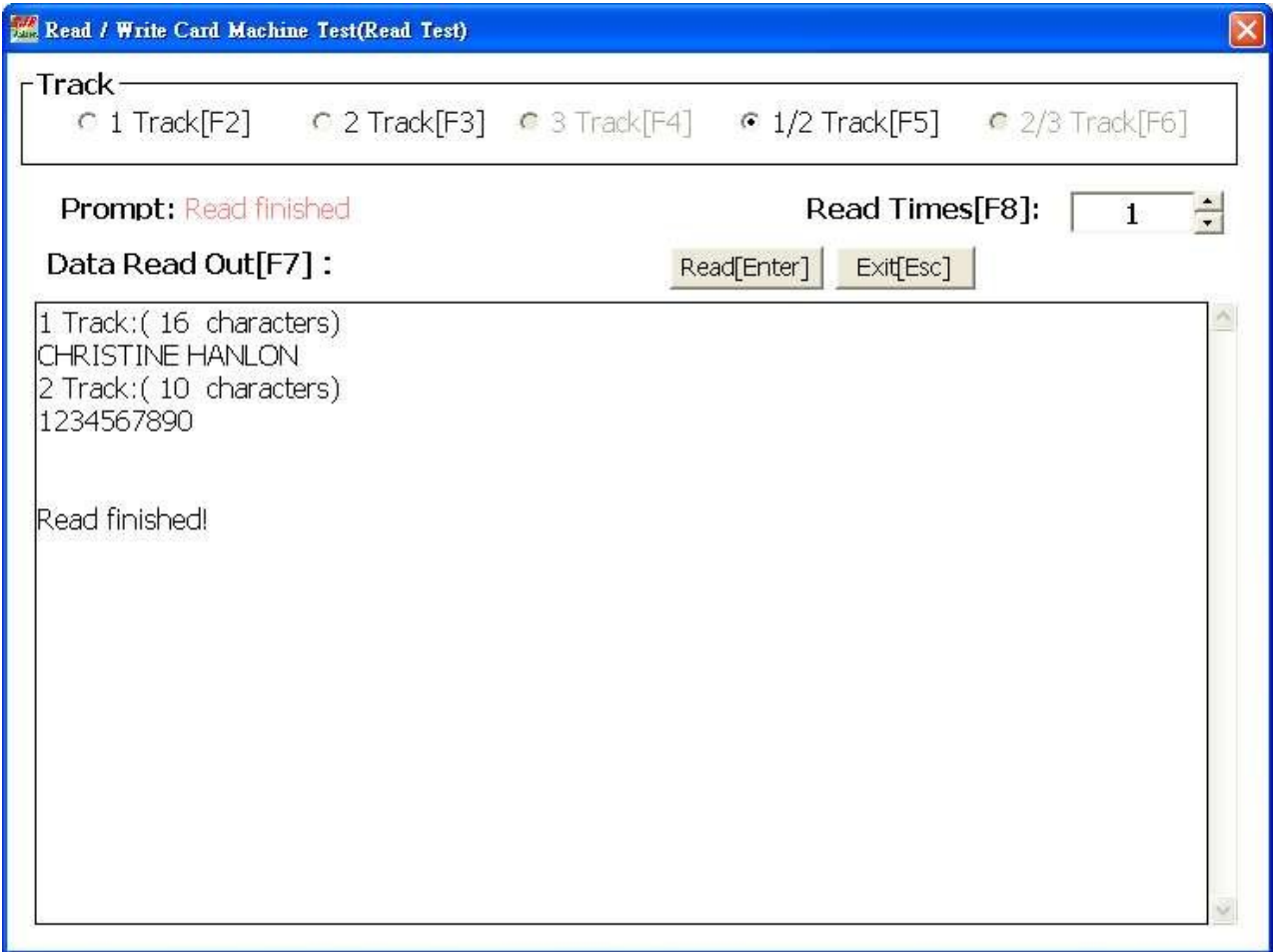
If communication is OK , you can start to read & write operation by the following steps .

Read Card Function [F2]

Click on " Read Card" from main menu. Select which track no to read then click on "read". Below is the screen for Track 1 & 2 writer .(Part No : SJE343B).



Green LED - ON . Swipe the card , Track 1 & Track 2 data will be read.
Read finished - Green LED – OFF . If read error – Red LED – ON.



Write Card Function [F3] - Single write

Click on " Write Card" from the main menu

The screenshot shows a software window titled "Read / Write Card Machine Test(Write Test)". It features a "Manner" section with two radio buttons: "Single Write[F2]" (selected) and "Continuous Write[F3]". To the right are three buttons: "Data[F9]", "Write[Enter]", and "Exit[Esc]". Below this is a "Track" section with five radio buttons: "1 Track[F4]", "2 Track[F5]", "3 Track[F6]", "1/2 Track[F7]" (selected), and "2/3 Track[F8]". The main area is labeled "Data Write Into" and "Prompt:" and contains a large empty text box for data entry.

Click on " single write" then click on "Data" .

Input Track 1 & Track 2 data in the windows .

The image shows two side-by-side screenshots of the "Read / Write Card Machine Test(Static Data Set)" window. Both windows have a "Track[F2]:" label and a list with "1 Track" and "2 Track". The left window shows "1 Track" selected, with "Data[F3]:" displaying "CHRISTINE HANLON" and a progress indicator "16/76". The right window shows "2 Track" selected, with "Data[F3]:" displaying "1234567890" and a progress indicator "10/37". Both windows have "OK[Enter]" and "Cancle[Esc]" buttons at the bottom.

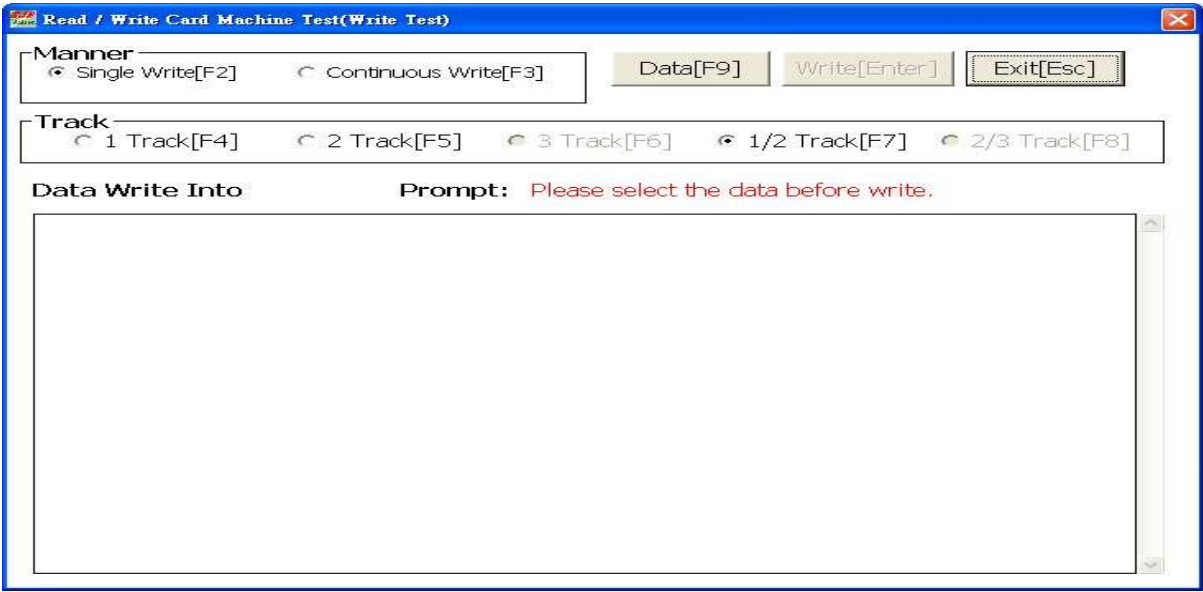
Max. characters for each track :

Track 1 (79 Alphanumeric characters)

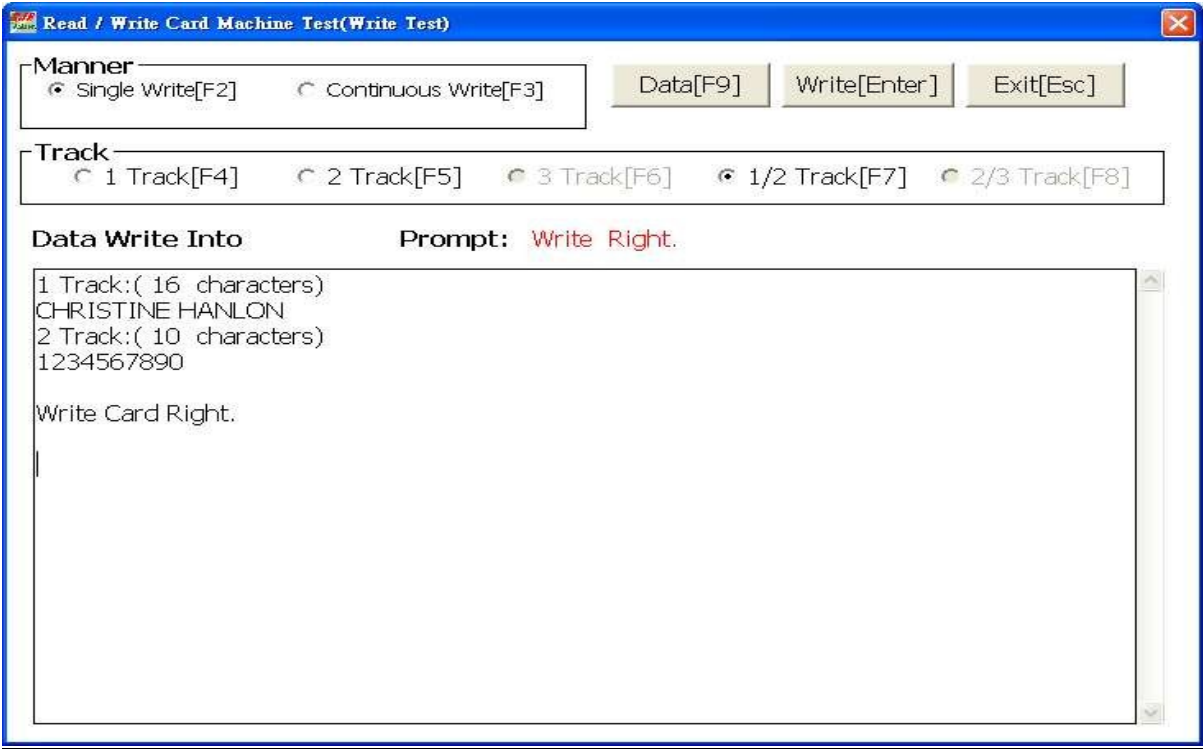
Only Capital letter can be used for Alphabet input.

Track 2 (37 Numeric characters)

Click on " Write" then Yellow LED - ON . Swipe the card through the slot .



Write card successfully. Yellow LED – OFF.
If write error – Red LED – ON .



Write Card Function [F3] - continuous write

Click on " Write Card" from the main menu
Click on "Continuous write" and "Data" button

Read / Write Card Machine Test(Write Test)

Manner

Single Write[F2]

Continuous Write[F3]

Data[F9]

Write[Enter]

Exit[Esc]

Track

1 Track[F4]

2 Track[F5]

3 Track[F6]

1/2 Track[F7]

2/3 Track[F8]

Data Write Into

Prompt:

Define the card start , end & step number .Input Track 2 & Track 3 Fixed data .

Read / Write Card Machine Test(Static Data Set)

Track[F2] :

Data[F3] :

16/76

1 Track

2 Track

CHRISTINE HANLON

OK[Enter]

Cancle[Esc]

Read / Write Card Machine Test(Dynamic Data Set)

Track[F2] :

Data Length:

37

1 Track

2 Track

Dynamic Data

Data Begin[F4] :

1

Data End[F5] :

10

Step[F6] :

1

Fixed Data[F8]:

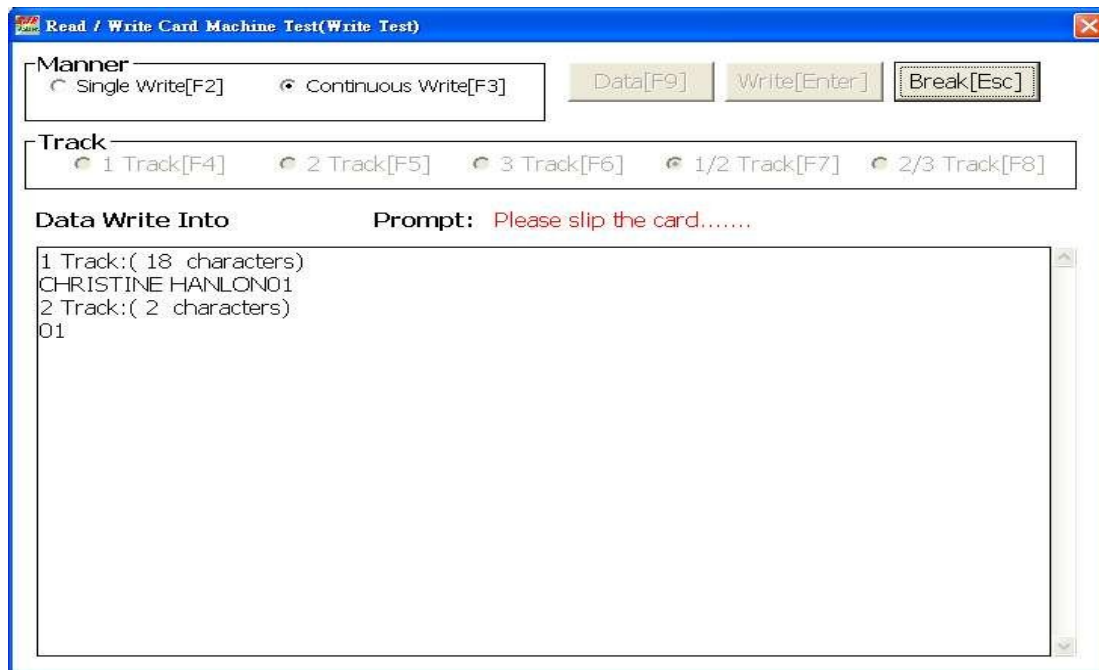
10/37

1234567890

OK

Cancle[Esc]

Click on “write” and swipe the card .



First card write successfully, write next card until end of your defined card no.



Remake :

- [1] Follow the card slot marking direction to read/write the card.
- [2] Wrong direction will cause read or write failure.
- [3] make sure the hardware connection is correct before run the program