

## SOKKIA SET C

### Coordinate Entry

Writing coordinate data to the card enables users to dramatically reduce errors and increase productivity. Coordinate data can be written to the card via keyboard entry, COMMS Plus software or MAP software.

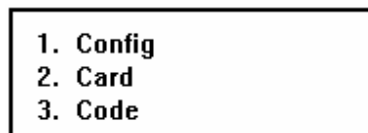
#### Detailed Instructions

##### 1.0.0 Prepare the card to receive coordinate data

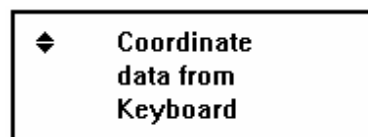
##### 1.1.0 Configuring the instrument so that data is recorded and retrieved through the card.

1.1.1 Turn the instrument on

1.1.2 Press the Menu key



1.1.3 Press the 1 key to select Config



1.1.4 When the “Coordinate data from” screen appears press the Ent key



1. Keyboard  
2. Card

1.1.5 Press the 2 key to select Card



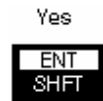
Coordinate data from Card

1.1.6 Scroll through the list using the arrow keys



Recording  
Card Code Tgt.ht

1.1.7 When the “Recording” screen appears press the Ent key



1. Send data to  
2. Set code  
3. Set target ht

1.1.8 Press 1 to select Send data to



1. Card  
2. Out

1.1.9 Press 1 to select Card



1. Send data to
  2. Set code
  3. Set target ht.

**1.1.10** Press the CE-CA key three times to leave the  
No



Config menu and return to the following screen

**Press function  
keys to select  
operation**

**1.2.0** If using a new card, it must be formatted.  
(refer to Systems 01 manual section 3.2 or section 21.2 of the instrument manual)

**1.3.0** Create a new job on the card.  
(refer to Systems 01 manual section 3.3 or section 21.4 of the instrument manual)

## 2.0.0 Coordinate entry using the keyboard

**2.0.1** Press the Menu key



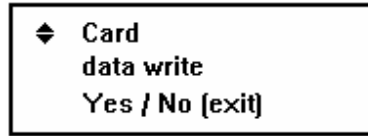
1. Config
  2. Card
  3. Code

**2.0.2** Press the 2 key to select Card

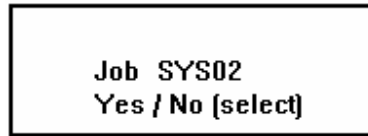
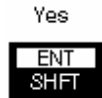


◆ Card  
Job / file  
Yes / No [exit]

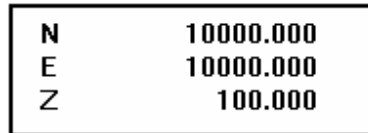
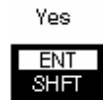
2.0.3 Scroll through the list using the arrow keys



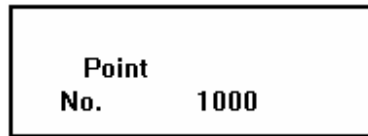
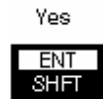
2.0.4 When “data write” appears press the Yes key



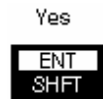
2.0.5 Press the Yes key to choose the desired job



2.0.6 Enter coordinate data and press the Ent key after each entry



2.0.7 Enter the appropriate point number and press the Ent key



|       |              |
|-------|--------------|
| ◆     | KLMNOPQRST   |
| press | 012 34 56789 |
| Cd    | CP           |

2.0.8 Enter the desired code and press the Ent key

Yes

|      |
|------|
| ENT  |
| SHFT |

|           |
|-----------|
| Data OK ? |
| Yes / No  |

2.0.9 Press the Yes key to indicate that the data is OK

Yes

|      |
|------|
| ENT  |
| SHFT |

|            |      |
|------------|------|
| Pt         | 1000 |
| Record End |      |

The “Record End” screen will display briefly then...

|   |      |
|---|------|
| N | 0.00 |
| E | 0.00 |
| Z | 0.00 |

2.0.10 Continue entering coordinates starting with step 2.6

2.0.11 When finished entering coordinate data press the CE-CA key until you return to the following screen

No

|       |
|-------|
| CE CA |
| ■     |

|   |
|---|
| Press function<br>keys to select<br>operation |
|---|

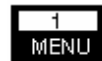
### 3.0.0 Coordinate entry using Sokkia Software

#### 3.1.0 Prepare the card for coordinate transfer

You can use either the SCR2 Card Reader or the instrument to communicate with COMMS Plus. If you use the SCR2 Card Reader, connect the proper cable to a COM port on the computer and skip to 3.2.0. Otherwise follow the steps below.

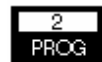
- 3.1.1** Connect the proper cable from the DATA OUT port on the instrument to a COM port on the computer

- 3.1.2** Turn the instrument on and press the Menu key



**1. Config**  
**2. Card**  
**3. Code**

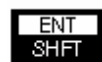
- 3.1.3** Press the 2 key to select Card



◆ **Card**  
**Job / file**  
**Yes / No [exit]**

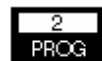
- 3.1.4** Press the Yes key

Yes



**1. create**  
**2. select**  
**3. delete**

- 3.1.5** Press the 2 key to choose select

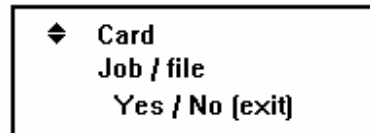
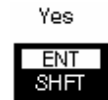


◆ **Job / file name**  
**SYS02**  
**Yes / No [exit]**

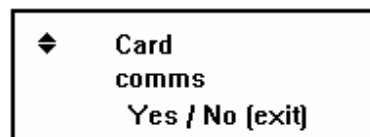
3.1.6 Scroll through the list using the arrow keys



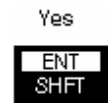
3.1.7 Press the Yes key to select the desired job



3.1.8 Scroll through the list using the arrow keys



3.1.9 When “comms” appears press the Yes key



The instrument is now ready to communicate

### 3.2.0 Using COMMS Plus Software

Refer to the COMMS Plus Manual (version 1.03) pages 23-29 for more detailed instructions.

3.2.1 From the main screen in COMMS Plus choose the File pull-down menu

3.2.2 Create a new file or open an existing file

3.2.3 From the main screen in COMMS Plus choose the Card pull-down menu

3.2.4 Select Setup

3.2.5 Set the communication parameters as follows:

Port: choose the proper COM port number  
Baud Rate: 9600

Parity: none  
Data Bits: 8  
Stop Bit: 1

then choose OK

**3.2.6** Choose Send

**3.2.7** Enter the desired file name and select Send

**3.2.8** Select OK when the screen displays TRANSMISSION COMPLETE

The transfer is now complete.

**3.3.0** Using MAP or LINK Software

Refer to the MAP Reference Manual (version 5.5) pages 9-11 or the LINK Reference Manual (version 5.5) pages 7-9 for more detailed instructions.

**3.3.1** From the main menu in MAP or LINK choose “SDR Menu”

**3.3.2** Either create an SDR file or select an existing file

**3.3.3** Select “Send current SDR file”

**3.3.4** Set the communication parameters as follows:

Port: choose the proper COM port number  
Baud Rate: 9600  
Parity: none  
Data Bits: 8  
Output device: Card reader

**3.3.5** Press F1 and ENTER to send the current SDR file

The transfer is now complete.