



SpringProx-CF[®]

USER MANUAL

**Contactless SmartCard
Reader Module for Pocket PC**



Revision 1
jun.-02

www.springcard.com

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USER MANUAL SPRINGPROX-CF[®]



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Introduction

The SpringProx-CF® module have been created to allow access to contactless cards compliant with ISO14443-A and ISO14443-B. The SpringProx-CF® module can be inserted in various Pocket PC. For any question about the SpringProx-CF® module, or demonstration software, you can report to the web site : <http://www.springcard.com>.

Insert SpringProx-CF® module



Hold the pocket PC in one hand and the SpringProx-CF® module in the other



Align the SpringProx-CF® module with the CompactFlash port



Slide the module, and strongly press it.

Extract SpringProx-CF® module



For SX45 pocket PC, press on the auto-extractor button with the pen.



For other Pocket PC, strongly hold the module and pull in the axis of the CompactFlash port

Open reader part of the SpringProx-CF® module



Remove the screws



Press on the two plastic strips



Then, slide the strips upwards to open the module

Mechanical adaptation

To satisfy most of PocketPC mechanical implementation, we provide a adaptation brace.



SpringProx-CF® for standard Pocket PC CompactFlash port



Mechanical adaption brace



SpringProx-CF® for other PocketPC CompactFlash port

To add or remove this brace you have to :

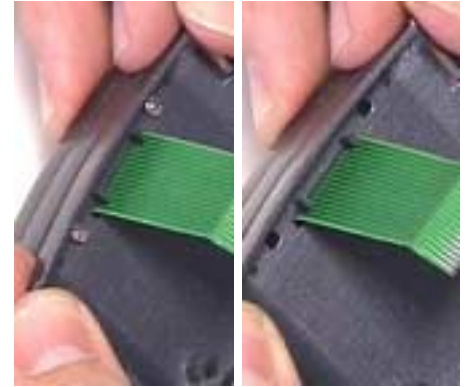
1. Extract the SpringProx-CF® module from the Pocket PC (see chapter "Extract SpringProx-CF® module" above)
2. Open the reader part of the SpringProx-CF® module (see chapter "Open reader part of the SpringProx-CF® module" above)
3. Remove the PCB holder.
4. Follow instructions on the next page :



Unlock the cable layer connector, and hold the cable layer between the inch and the index



Pull down carefully while holding the PCB in the other hand



Remove the screws

You can now add or remove the brace for mechanical adaption.



Extract the CompactFlash part from the brace



Remove the brace and put back the cable layer in the slot of the reader base



Apply the CompactFlash part on the reader base regarding the align stud

Battery life

SpringProx-CF® module don't have its own power source, it use main power of the Pocket PC. Battery life is reduce when the SpringProx-CF® module is used.

There are two power modes for the SpringProx-CF® module. Stanby mode and full power mode.

Trouble shooting

- The Pocket PC do not switch on after module introduction !
 - Extract the module, check battery.
 - Extract the module, verify that the Pocket PC CompactFlash port pins are all rights and do not shortcut.
- Module do not slide correctly.
 - Check introduction way, always put the module with reader part to the outside of the Pocket PC.

Download SpringProx-CF®'s software.

You can find other developpers' application on the SpringCard website : www.springcard.com. You can download latest version of various demonstration software. Evaluate our solutions ! (medical card reader, access control, etc.)

Developer Forum

On the Springcard website www.springcard.com, you can share your point of view and experience of the SpringProx-CF® Module and of Contactless Card software developpement ...

FAQ : Frequent Asked Questions

Springcard website www.springcard.com contain a F.A.Q. regularly updated.

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