

PROXRUNNER

Quick Start Guide

Thank you for choosing SpringCard !

ProxRunner is a wireless 13.56MHz RFID scanner.

Developed in partnership with **Baracoda Traceability, ProxRunner Bluetooth RFID Scanner** is a cordless reader that integrates easily in virtually any environment : PocketPC/SmartPhone, PC, Mobile phone (Java or Symbian), and more.

This document will help you to connect this product.

BEFORE YOU START



Before first use, please charge the ProxRunner battery fully.
(Approx. 4 hours)



Is your terminal is already Bluetooth-enabled?
In case your terminal isn't Bluetooth-enabled, you must install a Bluetooth adapter before continuing the procedure.

Two software components are available for use with a ProxRunner :

- **BaracodaManager**, a user-friendly Middleware, which offers easy usage of ProxRunner on most operating systems.
This software is available for PC, Pocket PC, Palm, Win CE .Net, Symbian, Java and RIM environments. A Widcomm or Microsoft Bluetooth driver is required (cf compatibility table).
- **KEmul**, a simple Keyboard emulation. Use it if your Bluetooth driver is neither a Widcomm nor Microsoft one.

COMPATIBILITY TABLE

- Go to www.baracoda.com/baracoda/formulaire/index.php

- Register as a new partner using the register form
- Activate your account from the confirmation e-mail
- Enter the "Technical Support" section
- Select "Compatibility Table"

DOWNLOAD SOFTWARE

- Go to www.baracoda.com/baracoda/formulaire/index.php
- Register as a new partner using the register form
- Activate your account from the confirmation e-mail
- Enter the "Download" section
- Select "BaracodaManager / KEmul"



Check your Bluetooth driver reference and download the appropriate version of BaracodaManager or KEmul (refer to Compatibility Table).

- Install either BaracodaManager or KEmul.

STATUS DISPLAY SUMMARY

The ProxRunner has two LED.



- Bluetooth Connection LED blinks status :

Single Blinks	The reader is ready to be connected
Double fast Blinks	The reader is connected

Headquarters, Europa

SpringCard
13 Voie la Cardon
Parc Gutenberg
91120 Palaiseau
FRANCE

Phone : +33 (0) 1 64 53 20 10
Fax : +33 (0) 1 64 53 20 18

Americas

SpringCard
694 Fifth Avenue
Suite 235
San Diego, CA 92101
USA

Phone : +1 (619) 544 1450
Fax : +1 (619) 573 6867

www.springcard.com

EDITOR'S INFORMATION
PRO ACTIVE SAS company with a capital of 227 000 €
RCS EVRY B 429 665 482
Parc Gutenberg, 13 voie La Cardon
91120 PALAISEAU - FRANCE

■ Bluetooth Connection LED colour :

The LED colour is Green	The reader is set in Real Time mode
The LED colour is Orange	The reader is set in Batch mode
The LED colour is blinking Orange/Green	The reader is set in Batch mode, but no data is stored in the memory

■ Reading Status LED :

One Single long Blink (Green colour)	The reader has just read and decoded a Tag
One Single long Blink (Red colour)	The reader hasn't read and decoded a Tag
One Single long Blink (Orange colour)	You pressed the Trigger button, and the reader is trying to read a Tag
Double fast Blinks Red	Battery level is low, please recharge the battery immediately
One Single long Blink Red + Green (solid)	The reader is charging
Green (solid)	The reader is fully charged

■ Special cases :

Both LED blinks Orange	The reader is set in the "Real Time with No Data Loss mode" but with no bufferisation (buffer configured to 0) and is not connected. In this particular situation the RFID antenna is disabled: impossible to read Tags in this mode.
Both LED are Orange (solid)	The reader is set in the "Batch mode" and its memory is full: impossible to read another Tag in this mode.

CONFIGURING BARACODAMANAGER

- Turn on the device
- Launch BaracodaManager
- Search all devices
- Select the device corresponding to your ProxRunner and add it
- Choose the KEmul plugin
- Hide BaracodaManager



With ProxRunner, only the Trigger scan mode is possible.

CONFIGURING KEMUL

- Turn on the device
- Connect the device to the terminal using the Bluetooth software

- Activate the COM Port Service (note the port number)
- Launch KEmul
- In COM port settings, put the port number

USING THE PROXRUNNER

The ProxRunner together with the Baracoda Manager or the KEmul emulates a keyboard.

Put your cursor where you want the data to be entered, then **hold** the ProxRunner button and put a card in front of the antenna.

You may depress the button when hearing the tone.

CONFIGURING THE PROXRUNNER

CREATE THE MASTER CARD

For more information, please read the "Configuring the RFID Scanners" part of RFID Scanners Solution at : www.springcard.com/solutions/rfidscanner.html

UPDATE THE CONFIGURATION

- Put the Master card in front of the antenna
- Press the ProxRunner button **until the reader reboots** (both LED blinks Green and the reader emits a long sound)

FIRMWARE UPDATE



Use Baracoda Manager to update the reader.

- Launch BaracodaManager
- Search all devices
- Select the device corresponding to your ProxRunner and add it
- Click "Settings"
- Click "Upgrade"
- Choose the "Files of type" : "Baracoda CPU upgrade file" or "RFID card upgrade file"
- Choose the upgrade file and click "Open"
- Wait that the upgrade is completed