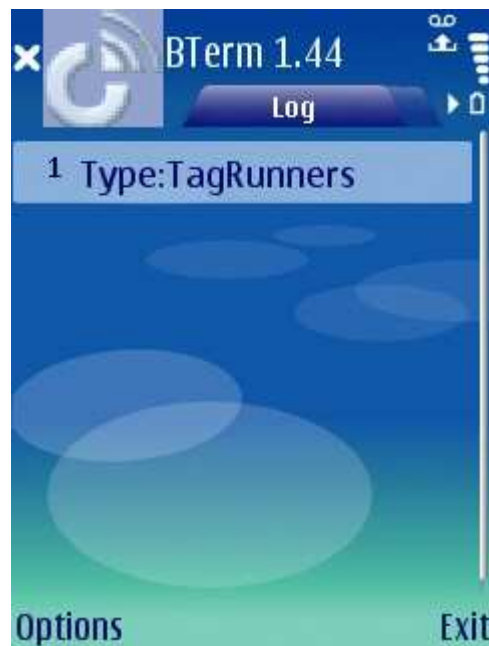


# BaracodaManager for Nokia

## User Guide

---

©Baracoda<sup>™</sup> – March 2009



## SUMMARY

<u>SUMMARY</u> .....	<u>2</u>
<u>REVISION HISTORY</u> .....	<u>3</u>
<u>INTRODUCTION</u> .....	<u>4</u>
<u>1. USING THE BARACODAMANAGER FOR NOKIA</u> .....	<u>5</u>
1.1. ACTIVATING BLUETOOTH .....	5
1.2. RUNNING THE BARACODAMANAGER FOR NOKIA .....	6
1.3. SETTINGS .....	7
1.4. MAIN MENU .....	8
1.5. CONNECTING A BARCODE/RFID READER .....	9
1.6. KEYBOARD EMULATION .....	11
1.7. AUTOCONNECT FEATURE .....	12
1.8. EXITING THE APPLICATION .....	12
<u>2. TROUBLESHOOTING</u> .....	<u>13</u>

## Revision History

Changes to the original manual are listed below.

<b>Document</b>	<b>Date</b>	<b>Description</b>
1.44	5th January 09	Initial release
1.45	31st March 09	DualRunners added

## Introduction

The **BaracodaManager for Nokia** software allows the user to easily operate their barcode/RFID reader(s), including:

- Connecting automatically to the barcode reader(s) that the user wants to use
- Inserting scanned data to a selected field in the client application

Requirements:

- Nokia S60v2 phone (for example N70, etc.)

or

- Nokia S60v3 phone (for example N73, N95, etc.)

or

- Nokia S80 phone

**Please note that the phone to be used should support Bluetooth.**

The **BaracodaManager for Nokia** can be downloaded from the Partners download section of Baracoda website (registration is required):

<http://www.baracoda.com>

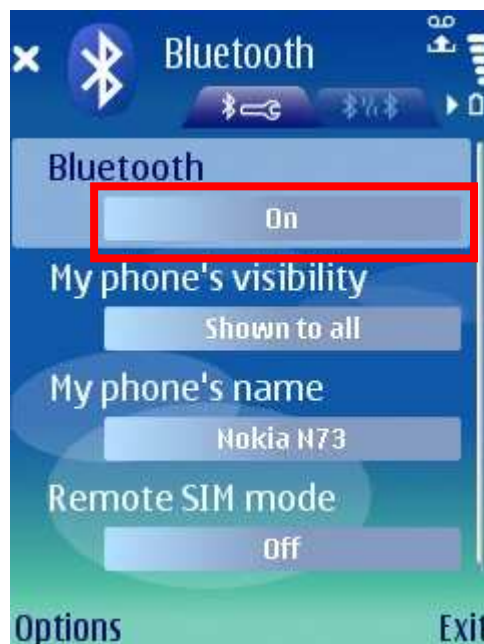
## 1. Using the BaracodaManager for Nokia

### 1.1. Activating Bluetooth

Before the user starts the BaracodaManager for Nokia, they should make sure that Bluetooth is activated on the phone. The Bluetooth options shortcut can usually be found in the Tools folder:



If the user selects the shortcut in question, they will be shown the following options window:



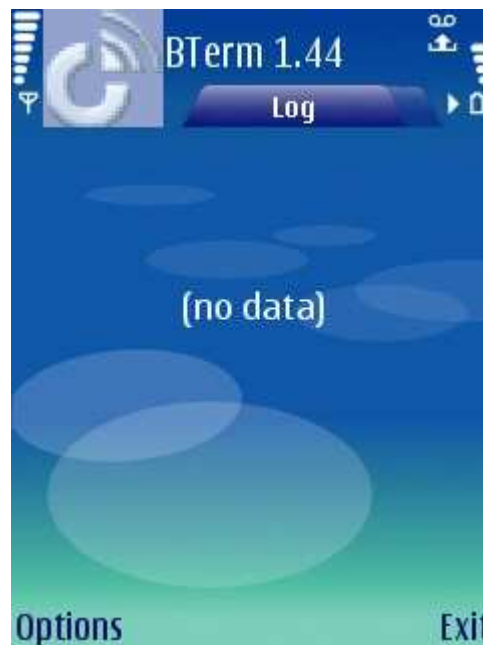
The user needs to make sure that Bluetooth is on, as can be seen on the screenshot above.

## 1.2. Running the BaracodaManager for Nokia

After the installation, the BaracodaManager for Nokia can be launched from the Applications menu:



The following screenshot presents the main window of the BaracodaManager:



The first active window is Log where the BaracodaManager will show all messages regarding connection and received data.

### 1.3. Settings

On the left hand side of the Log window one finds the other available tab window (Settings):



The user needs to modify some options before connecting a reader:

- Reader type
- Prefix used (None or Enter). If another prefix is necessary, the user can set it directly on the reader with the help of the reader User Guide.
- Suffix used (None or Enter). If another suffix is necessary, the user can set it directly on the reader with the help of the reader User Guide.
- Fep to use: the active Fep method.

When the settings have been set, the user can proceed to connecting the reader.

## 1.4. Main menu

The following screenshot shows the BaracodaManager main menu:



Here's a short description of what operations can be done with every option:

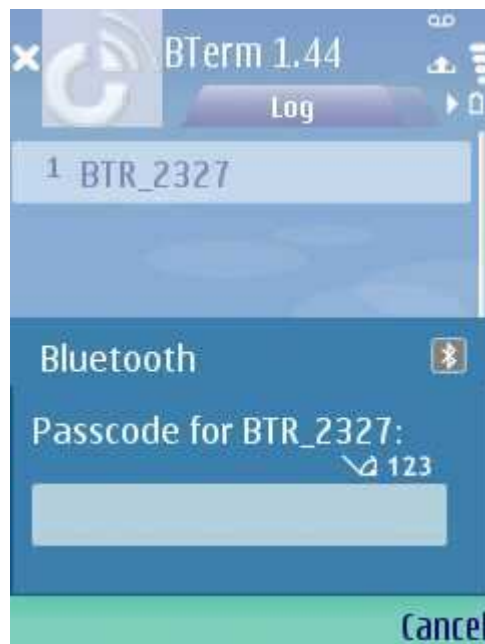
- **Connect:** connects to the last connected barcode/RFID reader (no device inquiry is launched). Note: this option changes to **Disconnect** when a reader is connected.
- **Connect New:** launches a device inquiry and allows the user to select an active barcode/RFID reader to connect.
- **Clear List:** clears the log window.
- **Exit:** exits the application

## 1.5. Connecting a barcode/RFID reader

When the BaracodaManager is used for the first time, the user will need to use the Connect New menu option to find and connect their Baracoda reader. In response, the BaracodaManger will launch a Bluetooth device inquiry:



When the desired reader has been found, the user can select it so that the phone can connect the reader. In cases where the selected reader has not been paired with the phone yet, the phone will ask the user to enter the PIN code:



The default PIN code used by Baracoda Bluetooth readers is "0000".

Next, the user should see the “Connected” message on the Log window:



From that moment on, any barcode (RFID tag ID) read by the reader will be shown on the Log window:



At the same time, the BaracodaManager also simulates keyboard strokes corresponding to the incoming data.

## 1.6. Keyboard emulation

The BaracodaManager simulates keyboard strokes corresponding to every read barcode (RFID tag ID) so that the user can launch directly an external application and be able to receive incoming data text automatically:



Please note that on Nokia phones it is necessary to activate the numeric keyboard mode (usually set with the '#' button) in order to be able to receive correct messages.

## **1.7. Autoconnect feature**

Every reader connected to the BaracodaManager will be automatically reconnected by the application after the Bluetooth connection has been lost (reader timeout, reader out of range, etc.). In order to disconnect the reader permanently, the user will need to either use the “Disconnect” menu option or to connect a new reader with the help of the “Connect New” option.

## **1.8. Exiting the application**

The user can exit the BaracodaManager by using the “Exit” option of the main menu.

## 2. Troubleshooting

Q. I cannot find my device in the inquiry list, what can I do?

A. Verify that the device is on and not connected. Verify the battery level. Press refresh button.

Q. I get no emulation when there is a waiting incoming call, what can I do?

A. Due to problems with certain phones, the application stops the keyboard emulation as long as there is a waiting incoming call. Accept the call or reject it to re-enable the emulation.

Q. My BL1000 is not scanning when connected, but it scans fine when not connected.

A. BL1000 needs the Bluetooth sniff mode which is not supported by some phones. This is the case of the Nokia 7650, for example.

Q. Nothing is displayed when I scan a barcode and the scanner signals me that the barcode was decoded successfully

A. Make sure that the device type is correct in the Settings tab.

Q. Kemul does not show correctly numeric-only barcodes.

A. To solve this problem, you will need to activate the numeric keyboard mode (the steps to do this depend on the phone model).

Q. Kemul shows "Connect error '-6004'" in the log screen if I try to connect to the reader.

A. To solve this problem, exit KEmul, go to the Bluetooth settings and remove all devices in the device tab. Restart your phone.

Q. I have another problem, how can I contact Baracoda support team?

A. Send an email to [support@baracoda.com](mailto:support@baracoda.com).