

# Quick Guide

## *MemoryBooster designed for BlackBerry® Wireless Handheld*

### About

*MemoryBooster* boosts your device speed by recovering wasted memory. Software only solution. No additional hardware is needed! Other applications are not influenced by using *MemoryBooster*.

### Installation

Extract all contents of the .zip file to a single directory and select the .alx in the "Application Loader" of your "BlackBerry Desktop Manager". Follow the instructions and the program will be installed on your BlackBerry®. A more detailed guide on third party program installation can be found here:

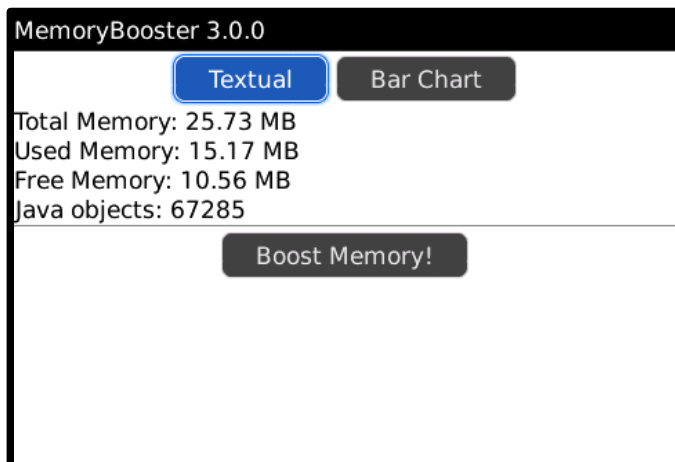
- [Install Applications using a Microsoft Windows Desktop](#)
- [Install Applications using a Mac OS X Desktop](#)

### Getting Started

Below are two screenshots of what to expect when you open *MemoryBooster*. The main screen gives you a full overview of the memory status of your device. It provides essential information which can be visualized in two different ways. The choice of visualization may be switched easily by selecting the appropriate one on the main screen.

### Textual – Saves Resources

The textual overview of your BlackBerry's current memory usage is the best choice for older devices with less memory and less power.



### Who should use *MemoryBooster*

Everyone who has a lot of BlackBerry® applications running and notices a reduced in speed. *MemoryBooster* helps to speed up the BlackBerry dramatically and therefore, it improves productivity.

### What *MemoryBooster* does

Due to imperfect memory management of the BlackBerry® Java Virtual Machine (JVM), a lot of memory is wasted which impacts the device performance and stability.

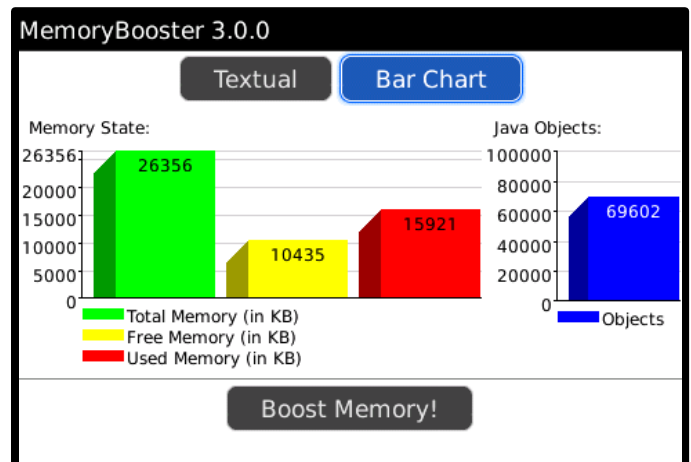
*MemoryBooster* recovers lost memory and makes it available again – for all applications on your BlackBerry®.

### Key Words

- **Total Memory:** Total amount of available device memory.
- **Used Memory:** Amount of device memory already allocated.
- **Free Memory:** Amount of device memory still free and available for use.
- **Java Objects:** Total amount of objects occupying memory at the moment.

### Bar Charts – Fancy but still Fast

The bar chart overview of the BlackBerry's current memory usage provides the best visualization than just naked facts. It is recommended on all current devices.



## MemoryBooster Website

<http://www.s4bb.com/software/memorybooster/>

**Requirements:** BlackBerry® OS 4.1 or above

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# Boosting Memory

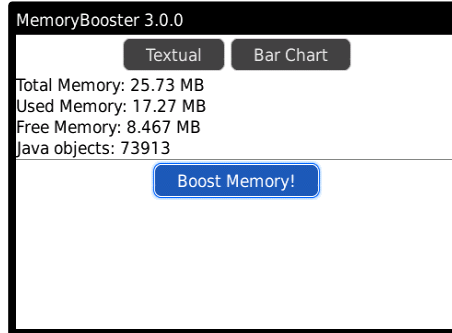
## *MemoryBooster designed for BlackBerry® Wireless Handheld*

### How to Boost Memory

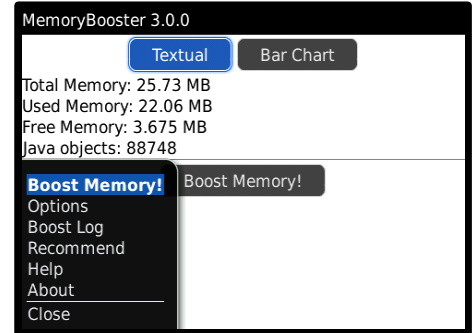
There are four ways to activate a memory boost, which can be easily located on your device.

1. **Boost Memory! Button**  
Just hit the button and your done.
2. **Boost Memory! Menu Command**  
Hit the BlackBerry® button to open up the menu in *MemoryBooster* and then just boost the memory.
3. **Boost Memory! Global Command**  
Once activated in "Options" just bring up the menu in any BlackBerry® app (here in Calendar) and boost the memory directly from there.
4. **Background Memory Boost!**  
Memory boosts can be performed in background. This does not require any manual interaction and keeps the BlackBerry® memory clean and efficient at all times.

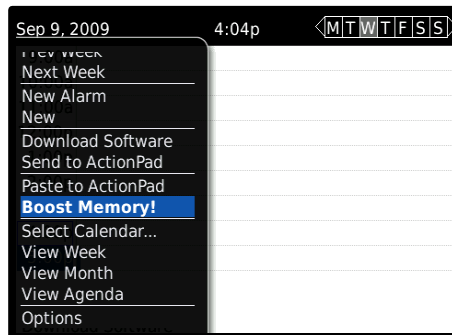
Every memory boost can show how much memory has just been recovered.



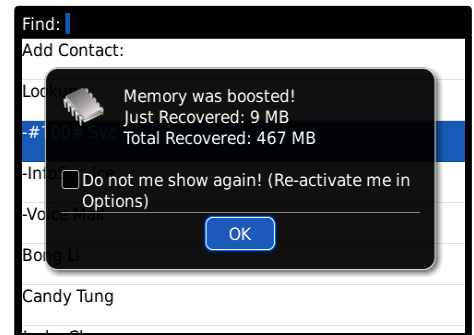
Boost Memory! in main screen.



Boost Memory! in main screen.



Boost Memory! in BlackBerry® Calendar.



Background Memory Boost info dialog.

### How does it work? [The Technical Explanation]

*MemoryBooster* exists for years now. Since the first release it has been a success and we have received a lot of feedback. A very obvious and understandable question comes up very often: "How can this work? The BlackBerry® is such an advanced device, isn't it perfect already?" The answer to this is: "There is always space for improvement; S4BB Limited always tries to close the gap!"

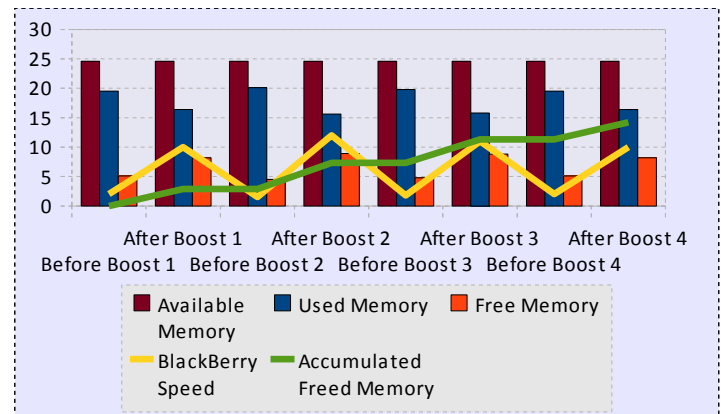
#### Technical Part

The BlackBerry® Operating System (RIM calls that "Device Software") is written in Java and runs in a Java Virtual Machine (JVM). The Java Virtual Machine has an internal memory cleaning mechanism called "Garbage Collection" that constantly clears all unneeded objects and frees up memory.

This garbage collection is not started as often as it should be started. *MemoryBooster's* intelligent monitoring algorithms detect when the BlackBerry® is going to run out of memory and then fire up a garbage collection to prevent the device from slowing down.

*MemoryBooster* calls this "free memory based boost" which can be activated to constantly keep the BlackBerry® at a productive pace.

The chart on the top right shows the effect of boosting memory over time. It basically does not matter whether the boost has been initiated manually (by clicking the button or menu item) or automatically (free memory or time based). The orange line shows that every memory boost improves the speed of the BlackBerry® dramatically. The green line gives a clue on how much memory is recovered in total over time.



**Requirements:** BlackBerry® OS 4.5 or above

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# Boost Log

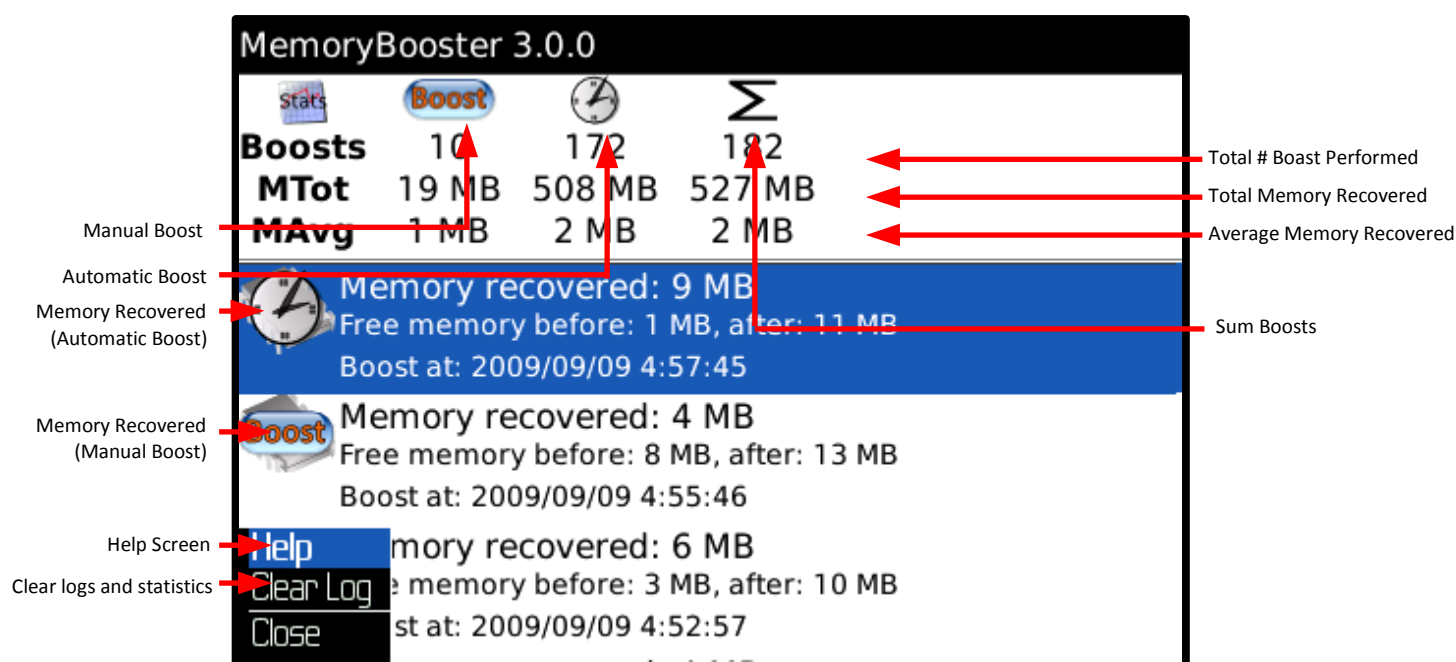
## *MemoryBooster designed for BlackBerry® Wireless Handheld*

### Why View the Boost Log?

The boost log gives you an overview on the effectiveness of *MemoryBooster*. The log records the manual boost as well as background boosts which have been performed by *MemoryBooster* in background.

#### Statistical Summary

Extensive statistical data is tracked which is supposed to give an overview on the capabilities of *MemoryBooster*. Top area of the boost log shows a statistical summary of all boosts that have been performed. Because it is possible to manually boost the memory (by hitting the “Boost Memory!” button in the main screen or the menu) or automatically boost the memory in background (time based versus free memory based), the summary area is split up into these two parts.



MemoryBooster Boost Log Screen with Sample Memory Recovered

#### Detailed Log List

The source for the summary is the full list of all boosts performed. Each time *MemoryBooster* boosts your device's memory, data is recorded. The following data is gathered:

- Free memory before boost
- Free memory after boost
- Memory recovered (free memory before minus free memory after boost)
- Date and time of boost
- Type of boost (manual or automatic)

The type of boost is indicated by the icon on the left of each entry. The other information about that particular boost is shown on the right, whereas the most important information “Memory recovered” is shown in the first line.

#### Clear Log List

If necessary, the log list can be cleared from all recorded log entries. This can be done by clicking “Clear Log” in the boost log screen's menu.

# Options & Scheduling

## *MemoryBooster designed for BlackBerry® Wireless Handheld*

### User Interface Settings

#### Font size

The font size setting allows to adjust the font size to personal preferences. It is possible to choose between: Small, Normal and Large.

#### Show updates in title

If activated, this will display information on the top bar of *MemoryBooster*. The following indicators can be chosen:

- *Time to Next Auto Boost*  
Displays the time remaining until the next scheduled boost
- *Free Memory*  
Percentage of free device memory available.

### Scheduling Boosts

If activated, memory boosts can be performed by *MemoryBooster* in background without the need to monitor the device performance.

There are two ways the automatic memory boost can be triggered:

- Periodically (i.e. every 2 minutes)
- Low memory (i.e. when free memory is below 30%)

If automatic background boost is activated at least one of these two methods needs to be set up so the automatic boost is triggered in background and performance boosts are executed.

#### Time based memory boost

Memory boosts can be scheduled for periodic execution in different time spans. The following options are available:

- Off
- 2 minutes, 15 minutes, 30 minutes, 45 minutes
- 1 hour, 2 hours, 3 hours
- 1 day

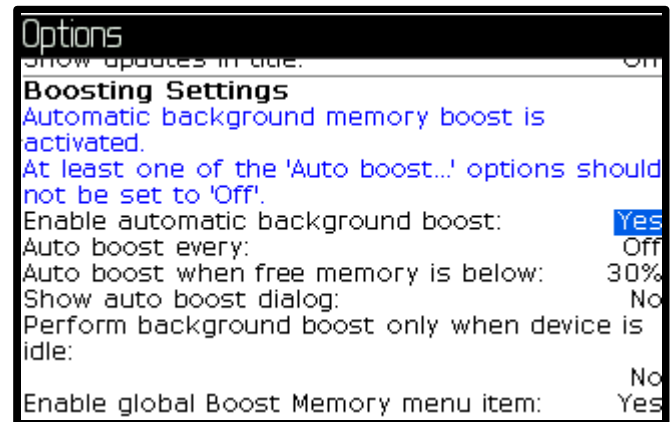
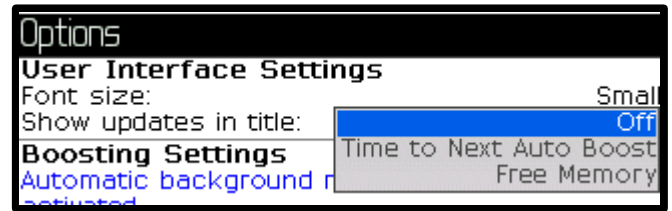
### Help Menu

The Help menu can be accessed nearly anywhere in the program, such as:

- The main screen
- The boost log
- Options

It provides useful information, tips and guidelines for everything about the program. Each screen's help content is specific to its screen.

For example: within the boost log, help information specific to the boost log is provided. This will include information on how to read the boost as well as how to clear it.

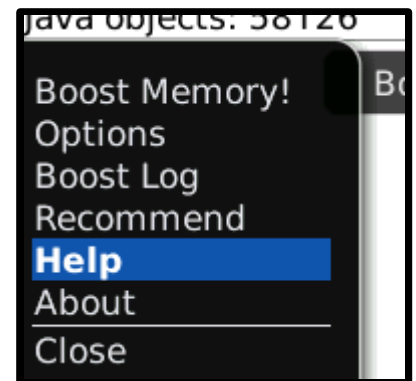


#### Free memory boost

Memory boosts can be triggered when needed – when the BlackBerry® is about to run out of memory. The following options are available:

- Off
- 5%, 10%, 15%, 20%, 25%, 30%

Example: when set to “30%” a memory boost will be triggered when the free memory runs under 30% of the available memory.



# Get more for your BlackBerry®

*Designed for BlackBerry® Wireless Handheld*

## You can get more for your BlackBerry®!

**BlackBerry®**  
Software

In cooperation with [MobileSoftMarket](#) we are providing discount coupons exclusively for our customers. You can **save 25%** on all purchases of BlackBerry® software products. The discount coupon can be found at the bottom of this page, and recommended products are listed below.



[Ziplorer](#)



[MemoryBooster](#)



[BatteryBooster](#)



[MessageForward](#)

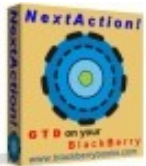


[MessageSchedule](#)

## Productivity Software for BlackBerry®!

**BlackBerry®**  
Productivity

No matter you are a business user or an individual who likes to use the BlackBerry®. Improving your productivity is crucial for all of your life's parts. It is important that you can fulfill your tasks at work and at home in an easy and fast way. Productivity software can help you to increase your own productivity while using a BlackBerry® Wireless Handheld. Please find a selection of best selling productivity applications for BlackBerry® here:



[NextAction!](#)



[NextAction! Pro](#)



[TaskMaster](#)



[HabitMaster](#)



[TaskMailer](#)

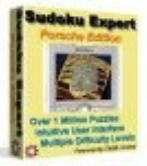
## Games for BlackBerry®!

**BlackBerry®**  
Games

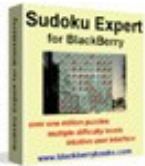
Playing games is a way of relaxing and getting away from stress. Even though it might just happen in your lunch break. Here are the favorites:



[Sudoku Expert  
Martial Arts Edition](#)



[Sudoku Expert  
Porsche Arts Edition](#)



[Sudoku Expert  
Standard Arts Edition](#)



[Sudoku Expert  
Yacht Arts Edition](#)



[BBtris](#)

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