

# **mRing v4.0.4 User Manual**

# Disclaimer

Information in this document is subject to change without notice and does not represent a commitment on the part of MotionApps. The software and the solutions described in this document are furnished under a license agreement. It is against the law to copy or reverse engineer the software or solutions except as specifically allowed in the license agreement. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the written permission of MotionApps.

This software, all manuals as well as all solutions are copyright ©2008 MotionApps. All rights reserved. Printed in the United States of America.

Companies, names, and data used in examples herein are fictitious unless otherwise noted.

MotionApps and mRing are trademarks of MotionApps.

All other product names are trademarks or registered trademarks of their respective holders, used only to the owner's benefit, without the intent to infringe.

**IMPORTANT - Read the full license terms and conditions below before installing. This License provides you with limited rights to use the software, conditioned upon your continued compliance with these terms and conditions. INSTALLATION OF THIS SOFTWARE WILL CONSTITUTE YOUR ACCEPTANCE OF THESE TERMS AND CONDITIONS.**

## END-USER LICENSE

Under single End-User License, you may use this program only on a single communicator, together with the related computer(s) used by you in conjunction with that communicator.

You may not use the program for any unlawful purpose, including infringement of the copyrights or other proprietary rights of others, or in any illegal manner or for creation or distribution of illegal content. You agree to indemnify MotionApps for any and all claims arising from any violation by you of the terms of this End-User License.

The following warranty and liability disclaimer apply to this product.

THIS PROGRAM IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH MOTIONAPPS SPECIFICALLY DISCLAIMS, TO THE MAXIMUM EXTENT PERMITTED BY LAW. THE ENTIRE RISK AS TO THE RESULTS AND PERFORMANCE OF THE PROGRAM IS ASSUMED BY YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU (AND NOT MOTIONAPPS OR ITS DISTRIBUTORS OR DEALERS) ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

NEITHER MOTIONAPPS NOR ANYONE ELSE WHO HAS BEEN INVOLVED IN THE CREATION, PRODUCTION, OR DELIVERY OF THIS PROGRAM SHALL BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES, LOST PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION ARISING OUT OF THE USE, THE RESULTS OF USE, OR INABILITY TO USE SUCH PROGRAM, OR DAMAGE OF LOSS CAUSED BY THE PROGRAM, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR CLAIM. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

TO THE MAXIMUM EXTENT PERMITTED BY LAW, MOTIONAPPS' ENTIRE LIABILITY AND YOUR EXCLUSIVE REMEDY IN THE EVENT OF A BREACH OF MOTIONAPPS' OBLIGATIONS IS LIMITED TO A REFUND OF ANY LICENSE FEE YOU ACTUALLY PAID TO MOTIONAPPS FOR THIS PROGRAM.

# Table of Contents

Table of Contents .....	3
Introduction.....	5
Welcome.....	5
How to Reach Us .....	5
Palm OS Basics .....	5
Installation.....	6
The mRing Package .....	6
Installing Your Software .....	6
About the Demo Version .....	6
License activation .....	6
Upgrading.....	6
Using mRing.....	8
Overview.....	8
mRing Views .....	8
Configuring Ring Tones .....	9
Profiles .....	10
VIP Settings.....	10
Schedules.....	11
Filters.....	11
Removing mRing settings .....	12
Quick Menu .....	12
Phone Dialog .....	12
Ringing rules .....	13
Random Ringers.....	13
Find more ring tones.....	13
Using mRing as an SD card reader .....	13
Frequently Asked Questions.....	14
Troubleshooting .....	15
Contacting Technical Support .....	15
Revision History .....	16
mRing 4.0.4 .....	16
mRing 4.0.3 .....	16
mRing 4.0.2 .....	16
mRing 4.0.1 .....	16
mRing 4.0 .....	16

mRing 3.3.7 .....	16
mRing 3.3.6 .....	16
mRing 3.3.5 .....	16
mRing 3.3.4 .....	16
mRing 3.3.3 .....	16
mRing 3.3.2 .....	17
mRing 3.3.1 .....	17
mRing 3.3 .....	17
mRing 3.2 .....	17
mRing 3.1 .....	17
mRing 3.0 .....	17
mRing 2.9 .....	17
mRing 2.8 .....	17
mRing 2.7 .....	17
mRing 2.6 .....	17
mRing 2.5.1 .....	18
mRing 2.5 .....	18
mRing 2.0.3 .....	18
mRing 2.0 .....	18

# Introduction

## Welcome

mRing is the ring tone manager for Treo devices. It enables you to assign different MIDI, WAV and MP3 files as ring tones and JPG files as images to each category or individual contact in the Phone Book.

Some of the key mRing features are:

- Assign ring tones and images to both Phone Book Categories and Individual Contacts
- Assign ring tone and image to system sounds, including known callers, unknown callers, no caller id
- Works with default contact database - no duplicate information
- Profiles and profile daily or weekly schedule support
- Filtering calls from specific numbers
- Support for various WAV formats natively
- Turn your Treo into a SD card reader

***This version of mRing is designed only for smartphones, and cannot be used on any other device.***

Thank you for choosing mRing!

## How to Reach Us

Customer satisfaction is our top priority, so if you have any questions, comments, suggestions, or requests, we would be happy to hear from you. Here's how to reach us:

**Web:** <http://www.MotionApps.com/support>

**Mail:** MotionApps  
77 Dow Place, Suite 103  
San Francisco, CA 94107, USA

## Palm OS Basics

This manual assumes the user has knowledge of fundamental Palm OS concepts. If you are unsure how to run application or other related concepts, please consult the user's guide that came with your communicator.

# Installation

## The mRing Package

The package should contain the following in the zip file:

- mRing Palm OS “.prc” file
- This Guide in PDF format

Requirements:

- A Treo 650, Treo 700p, Treo 680, Treo 755p, Palm Centro Communicator from Palm

## Installing Your Software

To install an application transfer the .prc file to your device through a regular HotSync or by sending it to Palm device over Bluetooth or IR connection.

If you are unsure how to install an application on your communicator, please consult the manual that came with it.

**Before installing mRing on your device, make sure that you have deleted any previous versions of mRing you may have.**

**Please ensure that the application resides in the main memory of the device and not on the SD card.**

## About the Demo Version

The demo version of mRing is fully functional during the 7 day trial period. After the trial period expires, mRing will remain non functional until you activate it.

## License activation

When you purchase mRing, the activation code will be sent to you via e-mail. **Please make sure that you have used the correct e-mail address during the purchase process.**

In order to activate mRing; start the application, select "Activate" option from the main menu and follow on-screen instructions.

## Upgrading

Please note that the upgrade from previous mRing versions (v3.x or v2.x) to the latest mRing v4 is a paid upgrade.

However, we do offer an upgrade discount for previous license owners and the upgrade is available for \$12.99.

To get this discount you need to click on "Upgrade" button on our web site <http://www.motionapps.com/mring> and insert your original mRing activation code.

If you would like to continue using mRing v3 instead of upgrading you can download mRing v3.3.7 at <http://www.motionapps.com/zip/mRingv3.zip>

If you are upgrading mRing from a version v4.x, you will need to re-activate the application. To do so, you **do not have to purchase mRing again**. All you have to do is to **delete the previous version from your device**, install the new version of mRing and activate it.

In order to activate mRing please follow the procedure described in the previous chapter (“License activation”) using your original activation code.

Also note that only individual settings from previous version will remain; category and system settings within mRing will be set to default upon upgrading. If downgrading to the version 3 you will need to re-assign all ring tones.

# Using mRing

## Overview

mRing enables you to assign different ring tones and images to each category, individual contact or system event on your Treo. You can use MIDI, WAV or MP3 sound files as ring tones and JPG files as images. Supported WAV formats are PCM, CCIT ALaw and CCIT µLaw.

For mRing to recognize the audio files mp3 and wav files need to be placed on the SD card, while midi files need to be installed directly into the main memory of the device.

Also, JPG files needs to be stored on the SD card.

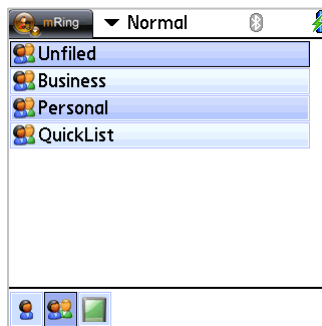
## mRing Views

There are three main views in mRing:

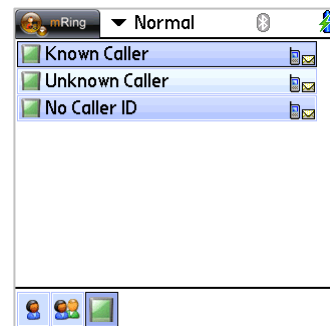
Individual phone book entries



Categories



System sounds



To switch between these views you can use three buttons on the bottom of the screen.

On the Contacts view you can filter list of contacts by typing the first few letters of first name or last name, or first letter of first name and first few letters of last name.

By default individual contacts and categories will have no ring tones or images assigned; therefore until you assign custom ring tones mRing will use Treo system settings.

If upgrading from version 3.x; please note that mRing will keep assigned individual settings only. Also note that if you decide to downgrade from version 4.x to version 3.x; you will need to re-assign all ring tones.

Assigned ring tones will be triggered in the following situations:

- No caller ID (when Treo default Contacts application cannot identify caller phone number),
- Unknown caller (when identified phone number is not listed in the Treo default Contacts database)
- Known caller (when identified phone number is listed in the Treo default Contacts database).



## Configuring Ring Tones

Please note that mRing controls ring tone volume and vibrate option exclusively via profiles.

To assign ring tone or image for category, contact or system event, tap on the desired entry in the table or use the 5-way navigation keys to highlight it and press the center key. The Configuration form will appear.

On the configuration form you can select ring tone for phone calls and for SMS, and also assign appropriate image.











In order to assign ring tone or image tap on one of the “Add” buttons at the bottom of the screen and navigate to the desired file.



On the same screen you can set the entry Priority to “Normal” in order to use the current profile settings; to “Mute” for muting the entry (no sound or vibration) or to “VIP” for activating VIP settings for that entry (Profiles and VIP settings are described below).

After assigning a ring tone/image, the path of the item will show up in the table. You can preview each item by tapping on it (images can be previewed also by tapping on the image area at the top right side of the form). Images stored in the main memory of the device cannot be assigned.

Available buttons description:

- |   |  |
|---|--|
|  change entry priority                 |  switch to system ring tones            |
|  assign phone call ring tone for entry |  switch to SD card ring tones or images |
|  assign sms ring tone for entry        |  clear selection                        |
|  assign image for entry                |  cancel selection                       |
|  apply selection for entry             |  |
|  cancel selection for entry            |  |

As you configure your phone book entries, mRing will show appropriate icons in the table to the right side of the entry name, depending on the configured settings.



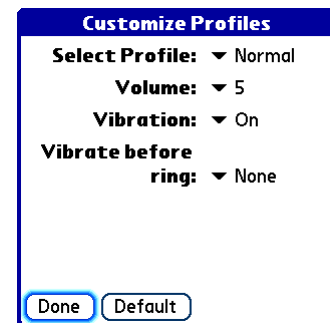
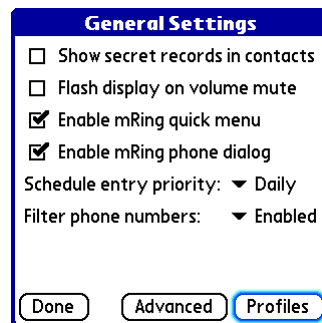
There are three icons that mRing uses to indicate that specific options are configured for each entry:

- Phone call ring tone assigned
- SMS notification ring tone assigned.
- Image assigned (triggered on phone calls)

The entries with priority “VIP” are shown with **bold font**, while the entries with priority set to “Mute” are shown with **gray font**.

## Profiles

You can choose which profile to use by selecting it from the drop down list (by tapping or with 5-way) on the top of the main mRing screen. To change profile settings select “General” from the main menu and then navigate to the “Profiles” button.



There are six predefined profiles which you can select: Normal, Silent, Discreet, Loud, Custom and VIP.

To change profile settings select the particular profile from the drop down menu on the Customize Profiles screen and use the settings below to configure it. You can modify the sound volume, vibration and before ring vibration option.

The “Default” button resets all settings to the default. To apply settings and leave the profile settings form, tap on “Done” button.

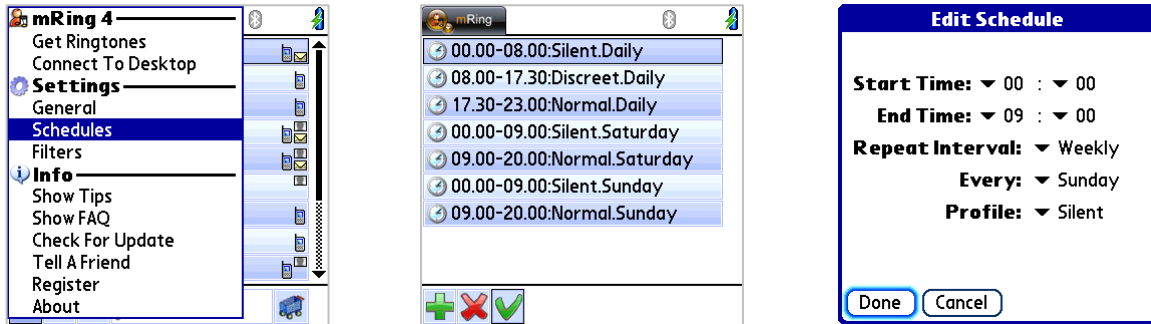
## VIP Settings

Any contact or category can be indicated as VIP entry (select VIP by tapping on the priority button on the entry settings form). If marked as VIP regardless of the currently active profile the VIP profile settings will be triggered for the particular entry.

The VIP profile settings can be configured if you select “General” from the main menu, and then navigate to the profiles button. When the profiles form appears, select VIP from the drop down menu and use the settings below to configure it.




## Schedules

To set the profiles schedule select “Schedule” profile from the drop down list on the top of the main mRing screen. To configure the profiles schedule select “Schedules” from the main menu, and the profiles schedule form appears.



On this form you can add new schedules or edit existing ones. For every schedule you must define the start and end time, also set the daily or weekly attribute (if weekly is selected, you must set the day too), and finally select which profile should be active for this schedule entry.

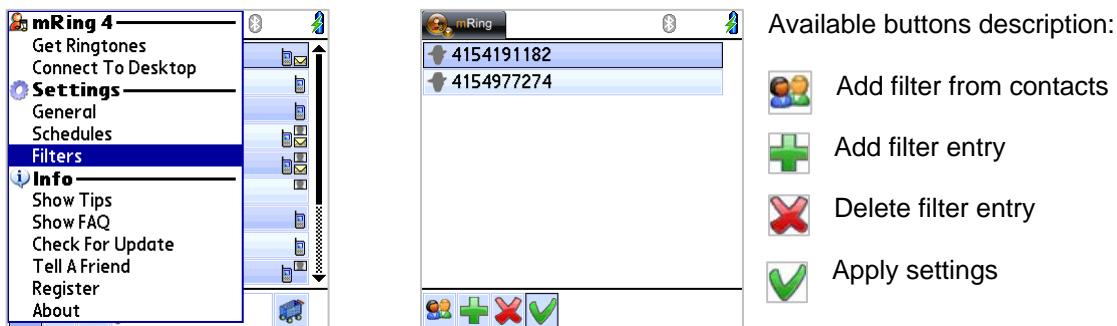
Available buttons description:

-  Add schedule entry
-  Delete schedule entry
-  Apply settings

Each schedule entry can be modified by tapping on it in the schedule list. mRing does not support time overlapping, therefore schedules must be precisely defined by user both daily and weekly. You can configure in the general settings of mRing which schedule entries (daily or weekly) should have priority.

## Filters

To define phone call filters select “Filters” from the main menu and the filter form appears. On incoming call, if the phone number is in filter list, mRing will automatically hang up that call.



Each filter entry can be modified by tapping on it in the table. In order to use filtering feature you will need to enable this option in the mRing “General” settings.

## Removing mRing settings

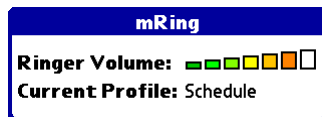
Within mRing “General” settings, under “Advanced” option you will be able to remove all assigned settings at once.



In order to remove settings, please mark appropriate checkbox and press Apply Selection.

## Quick Menu

If you wish to use mRing's quick menu you must enable it in the general settings. The quick menu can be accessed by pressing the Treo's volume up / down keys, or by pressing the side key.



This menu will allow you to adjust the ringer volume or change active profiles in mRing. When active, if you wait for two seconds, the quick menu will disappear and the new settings will be applied.

Volume up / down keys will change system ringing volume, so when pressed, mRing will automatically switch to No Profile; it will not change your profiles definitions.

## Phone Dialog



If you wish to use mRing's phone dialog you must enable it in the general settings. It will replace the default Treo phone dialog on incoming call.

You can mute the ring tone by tapping anywhere on the screen. This feature is also enabled when mRing phone dialog is not active.

## Ringling rules

When you receive an incoming phone call or textual (SMS) message, mRing will use the following rules to decide which ring tone to play:

1. If you have defined ring tones for this contact, mRing will use them
2. If you have not defined ring tones for a contact, mRing will use ring tones configured for a category that the contact belongs to
3. If you have not configured ring tones for contact or its category, mRing will use one of the system (Known caller, Unknown caller, No caller ID) ring tones

mRing will use following rules to select the ringing volume and vibrating options:

1. If you have assigned Mute priority to a contact or category, mRing will not play anything, it will not vibrate and the SMS notification dialog will not be shown
2. If you have assigned VIP priority to a contact or category, mRing will use VIP settings regardless of the active ringing profile
3. If you have assigned Normal priority to a contact or category, mRing will use the settings configured for active ringing profile

## Random Ringers

With Random Ringers you can let mRing decide which ring tone will be played when you get a phone call or an SMS from a person or group. To use random ring tones follow these steps:

1. After installation mRing will create a folder named "mRing" in the root of your SD card.
2. Put your MP3 ring tones in this folder.
3. Rename one of the files to be "random.mp3".
4. Attach the "/mRing/random.mp3" ring tone to a contact or group. Each time you get an SMS or phone call from that contact, mRing will randomly select one of the ring tones from "mRing" folder on your SD card.

Please note that random ringer will work ONLY with the mp3 files.

## Find more ring tones

mRing includes free ring tones stored in "/mRing" folder on your SD card after installation.

To get more customized ring tones you can select **Get Ringtones** option from the mRing main menu or click on the shopping cart icon on the main screen on contacts view.

## Using mRing as an SD card reader

In order to use mRing as an SD card reader with your desktop, connect your device to your desktop using USB cable and select "Connect To Desktop" option from the main menu. mRing will turn your Treo into a fully featured SD card reader and you will be able to drag and drop files from your device to desktop and vice versa.

This feature is supported on both Windows and Mac computers.

# Frequently Asked Questions

## 1. Which file types can mRing use as ring tones?

mRing can play MP3, WAV and MIDI ring tones.

## 2. How do I assign a ring tone/image to a Phone Book entry?

To assign ring tone or image for category, contact or system event, tap on the desired entry in the table or use the 5-way navigation keys to highlight it and press the center key

In order to assign ring tone or image tap on one of the “Add” buttons at the bottom of the screen and navigate to the desired file.

## 3. How do I configure volume and vibration for my ring tones?

Volume and vibration options are configured through the profiles. You can configure these options by selecting General > Profiles. Note that if a contact/category is marked as VIP or mute mRing will use VIP settings or stay silent regardless of the currently active profile.

If you select “No Profile” as the active profile in mRing, mRing will use the Treo system volume settings instead of profiles.

## 4. Can I use mRing with some third-party address book application?

No, you cannot. mRing uses entries from the default Treo address book and you cannot associate ring tones with contacts in some other application.

## 5. Can mRing run on my Treo 600?

No, you cannot run the latest mRing on your Treo 600. There is a separate version (v2.7) of mRing for Treo 600. You can download it from our web site.

## 6. Is it possible to have a ring tone assigned to a Phone Book category and then assign another ring tone to a Contact from the same Category?

Yes, you can assign another ring tone to a contact. mRing will always play the individual contact ring tone.

## 7. How to remove mRing settings at once?

You can remove all mRing settings by selecting General > Advanced from the main application menu. Then you can select which settings to remove and tap “Apply Selection”.

## 8. I have several contacts in the Treo contact database marked as private. Will mRing keep them hidden?

You can configure this option in the mRing General settings. mRing can show or hide private contacts.

## 9. I have assigned image to my contact / category and when answering / ignoring call there is always a short delay, why?

Please note that mRing supports images up to the 1280x1024 resolution; however, we are highly recommend assigning images with 320x320 or 640x480 resolution, considering that larger resolution can slow down the phone dialog.

# Troubleshooting

mRing normally does not require troubleshooting.

However, if you are experiencing problems please check the mRing FAQ list or contact MotionApps technical support.

## Contacting Technical Support

If you need to report a problem or request assistance when using this version of mRing, please fill in the Support Request form on our Web site:

<http://www.motionapps.com/support>

To help us help you, please, be sure to include as much information, and as detailed description of your problem as possible.

# Revision History

## **mRing 4.0.4**

- Minor improvements

## **mRing 4.0.3**

- Fixed crash when second call comes in
- Fixed issue with MIDI sms ringtones
- Added ability to set filters by browsing Contacts
- Minor UI improvements
- Added support for Palm Centro

## **mRing 4.0.2**

- Minor improvements
- Added support for Treo 755p

## **mRing 4.0.1**

- Fixed issue with categories displaying, ring tone and image assign
- Fixed crash on incoming call when mRing phone dialog is not active
- Fixed issue with ringing when display is off
- Fixed Treo slow down issue

## **mRing 4.0**

- Major UI improvements
- Improved profile scheduling
- Added incoming call filter
- Added photo caller alert
- Added mRing quick menu
- Added SD card reader

## **mRing 3.3.7**

- Fixed conflict with mOcean
- Minor internal improvements

## **mRing 3.3.6**

- Improved behavior when ringer is switched off

## **mRing 3.3.5**

- Maintenance release

## **mRing 3.3.4**

- Side-key button silence the ringer on incoming call
- Maintenance release

## **mRing 3.3.3**

- Added support for Treo 700p



- Improved handling of short WAV ringtones

## **mRing 3.3.2**

- Maintenance release

## **mRing 3.3.1**

- Added option to remove all individual settings
- Minor internal improvements

## **mRing 3.3**

- Improved handling of SMS notifications on some networks
- Added random ring tones
- Some smaller internal improvements and fixes

## **mRing 3.2**

- Added "No Profile" profile (with "No Profile" selected mRing will use phone settings for vibration and volume)
- Improved some UI elements
- Removed settings for SMS duration (now mRing will play ring tone once when SMS arrives)

## **mRing 3.1**

- Added support for MIDI ring tones
- Added support to disable mRing
- Fixed issue with system ring tone settings, version 3.1 will not clear system ring tone settings
- Fixed issue with ringer switch, version 3.1 use system settings when ringer switch is off

## **mRing 3.0**

- Added support for profiles
- Added profile scheduling
- New VIP settings
- Added "Vibrate before ring" option
- Added ascending volume option
- Different ringtones for phone calls and SMS/MMS
- Improved MP3/WAV playback
- Improved UI
- Numerous internal improvements

## **mRing 2.9**

- Maintenance release

## **mRing 2.8**

- Fixed issue with some mp3 files playback
- Performance improvement

## **mRing 2.7**

- Removed dependency on PocketTunes for MP3 ringtones
- Minor internal improvements

## **mRing 2.6**

- Upgraded registration procedure

## **mRing 2.5.1**

- Fixes issue with some devices that sometimes caused reset on startup

## **mRing 2.5**

- Fixed issue with MP3 playback

## **mRing 2.0.3**

- Added support for Treo 650

## **mRing 2.0**

- Added support for MIDI, WAV and MP3 ring tones
- Added support for PocketTunes
- Added support for system ring tones
- Added support for external SD card
- User interface redesign