phoneAlarm v2.x

User guide

phoneAlarm is your complete communication control panel. It provides you with repeating notifications whenever a message is waiting for you and allows you to answer these with the minimum of effort. In addition you can configure complete phone profiles to easily change all important settings manually or automatically depending on the time, power/sync state, Outlook Appointment category or location.

Main Feature List

1) Complete overview and control of all your communication channels

2) Customizable, repeating alarms on receiving Email, SMS, Missed call, MMS, IM, appointment reminders and/or Voicemail

3) Custom Email / SMS alarms filtered based on text, sender or priority

4) 10 custom phone profiles (control most settings on your phone via single click)

5) Automatic profile switching based on time, appointment category, location, Active-Sync, connected network, Power event or headset connected

6) Fully customizable user interface always visible on Today Screen

7) 1-handed navigation to use most functions

Pro & Lite Version

phoneAlarm now comes in 2 different versions, Pro and Lite. The Lite version is optimized for simple setup and use and has several of the advanced features removed, but offers exactly the same repeating alarms and profile switching, and uses the same skins.

What is included only in Pro Version?

- Location based profile switching
- Skin graphic rotator/scroller element
- Call / SMS Forwarding
- 1-Click Mute option
- Billing / Data tracking
- Weather Plugin
- Profile Features:
  - o WLAN On / Off
  - o Headset On / Off
  - o Speaker phone On / Off
  - o Rotate screen
  - o Push Email On / Off

What is benefit of the Lite version?

- Simpler setup
- Less confusing user interface
- Stable feature set (few new features will be added)

In the documentation, features available only in the Pro version will be marked **PRO**

Note: Many non-essential settings are in phoneAlarm_User.cfg, accessed via the About screen "Power Settings" menu. Some of these settings are listed in the descriptions below.

What is new in v2.0?

In v2.0 all sections of the program have been rewritten and support for WM 2003 was removed to allow for better device support, stability and much improved user interface.

- 3 extra profiles (10 in total)
- GPS location support
- Rules engine to allow powerful profile switching control (and priority for the rules)
- Custom LED colors per alarm
- Custom application links – to support any email client etc.
- Many new skin elements (Analog Clock, more tabs, Instant Message alert, dual SIM toggle)
- Alarm component for repeating alarms (wakeup to MP3 etc) and auto soft-reset
- Improved user interface and clear-type support
- Photo-dialer plugin
- Application launcher plugin
- Data support disabled via profile (for roaming)
- Weather plugin, with 5 day forecast
- And much more, see website for details….

User Interface

The user interface of phoneAlarm is fully user configurable (a free editor is available for download on our website) and comes with 4 skins included, and on our website over 30 skins are available and new skins are constantly posted by our users.

Below is the "Joel_Blue" skin (from **IronMortyCash**) which is activated by default:
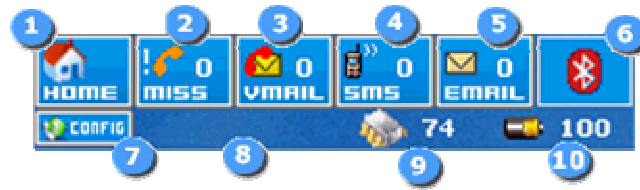
1) Profile – Click to change profile, click & hold to activate profile lock (profile wont change until you unlock it). Also includes options to mute phone

2) Missed Calls – Count of missed calls, click on icon to access Call History, *Click & hold* to access Call Forwarding

3) Voice mail – Count of unheard mail, click to call voicemail

4) SMS – Count of unread SMS, click to open the SMS Inbox

5) Email – Count of unread Emails, click to open the Inbox

6) Bluetooth Switch – Click this to toggle Bluetooth on/off

7) Settings button – Access to all phoneAlarm settings

8) Alert icon shown here on alarm, click to cancel alarm(s)

9) Memory meter – % free memory, click to see current memory status

10) Battery meter – % charge remaining, click to see current battery status

One Handed Use

In addition, the navigation control pad (round 5-way button on most devices) can be used to access most features using one hand. On the Today Screen select phoneAlarm by using the "down" navigation button.

Use the "left" / "right" navigation control to navigate through the skin elements, press the Action button to activate an item or open the profile list if profile item is selected.

Use the "action" button (middle of control) to access the quick dialer when no skin element is selected. The dialer contains a list of the 10 most recently called numbers, sorted and filtered so each number only occurs once. Use the "action" button again to dial the currently selected number.

The new v2.0 Photo-Bar and Launcher-Bar can also be activated via one-hand navigation, this is automatically enabled if these elements are activated via the Extras tab in settings.

The one-hand navigation order is defined in the skin file – and can be modified for each skin to provide optimal navigation, also the default action can also be changed in the skin. See the *Skinning Guide* for more information on this.

Command line options

Many features of phoneAlarm can be accessed via the command-line, allowing shortcuts and hardware buttons to change profiles etc. All command line options use **paWakeup.exe in Windows folder**

-1mute   1-Click mute activate

-back   Backlight toggle (1=max, 2=min)

-bt[0/1]   Bluetooth off/on

                -bt = toggle Bluetooth on/off

                -bt2 = Activate Bluetooth via ActiveSync

                -bt3 = Activate A2DP Bluetooth connection

-d   Open dial favorites menu

-d1   Open Application Launcher Menu

-d2   Open Weather forecast menu

-d3   Open Photo-link menu

-l   Unlock current profile

-ll   Lock current profile

-ll*M*   Lock current profile for "*M*" minutes

-m   Cancel alarm / mute ringing phone

-mm   Toggle full mute on/off

-mm*M*   Mute for "*M*" minutes

-p[U/L]#   Change profile. Optional 'U' to force unlocking of profiles, 'L' to automatically lock profile after switch. # is the profile number: 0=Home, 1=Work, 2=Meeting, 3=Night, 4=Loud, 5=Car, 6=Flight
Example: paWakeup.exe   -p 5   To set Car profile
    paWakeup.exe -pU6   To force device into flight profile
    paWakeup.exe -pL6   Set to flight profile and lock

-pm   Open the Profile selection menu

-t   Change theme, Example: paWakeup.exe –t MyTheme.tsk

-ts   Open the Task-switcher menu (this allows you to switch programs via a hardware button!)

-v   End mute

-w[0/1]   WLAN off/on, to toggle use "-w"

Example: shortcut to activate mute for 30 min. 20#"paWakeup.exe" -mm30

Installation

phoneAlarm should be installed to main memory if possible!! Installation to a Storage Card often results in issues with loading skins, playing alarms on wakeup and can lead to device resets. Installation to the internal File-Store usually works correctly.

NOTE: When installing to Storage Card, set the option *"Startup Delay"* on the Advanced tab to 5 seconds or greater!

The application is by default installed in the *\Program Files\phoneAlarm* directory, all log files and skins are also in this directory.

When upgrading from v1.6x – you MUST fully uninstall previous version first (select "Remove" option, not "Upgrade"). Settings / backups from v1.6x are not compatible with v2.0.

An email will be sent to all customers when a major upgrade is available, for minor releases you should check our website each month or so.

To **uninstall** phoneAlarm use the normal *Remove Programs* option in the System Settings to remove all components (additional skins should be removed first!), you will be asked if you wish to remove all settings during the uninstall procedure.

For any issues with installation/uninstall check out our support forum (http://www.pocketmax.net/smf/index.php).

For issues with **registration** key (or non-receipt of key!) please immediately send an email to **support@pocketmax.net** specifying your product, purchase date and your device "Owner Name" as displayed via Start Menu / Settings / Owner Information. UPPER/lower case is important!

v2.0 now includes support for AppToDate – a free tool to check if all your software is using the newest version and automatically update them.

See www.modaco.com for more information on this

Adding skins

You can find other skins available for free download on our website in CAB format. These are compressed device-installers. Simply copy the CAB file to the device, then in File Explorer on the device, click on the CAB file to correctly install the skin. You can download skins directly from phoneAlarm via the "Custom" button on the 1st tab in settings.

To create or customize your own skin, use the free skin editor also available on our website or use a text editor to edit the .SKN file. A document describing the skin format is included with the editor.

Repeating alarms and count

All customization of sounds, vibration, LED and pop-up dialog need to be configured in phoneAlarm profile settings, as these overwrite the system settings on each profile change. Alarms will repeat according to the settings on the "Alarms" tab, the first repeat is at system volume.

Note: If battery is less than the specified threshold only 2 repeats will occur!

Cancelling Alarms

To cancel the alarm notification click the blinking alarm icon on the phoneAlarm skin and select "Cancel" or "Snooze" (or use 1-hand navigation to select and activate icon). Or click the skin icon for the item to open the Inbox or Missed Call list, or manually open the system application (Inbox for email or SMS, Call History for missed call)

Unread Item Counts

Missed calls count is reset on opening the call history.

Voicemail count is reset when dialing to check voicemail via the icon in phoneAlarm skin, or on most devices also when you clear voicemail from any other phone. For voicemail you may need to configure the 2 Voicemail Telephone numbers on the Advanced Settings tab.

Email will reflect the actual number of unread items in ALL inboxes grouped together (excluding SMS). Some 3rd party email clients are not supported – currently Outlook, Flexmail (2007 and v4) and nPop are fully supported. You can use the *"Custom Applications Link"* option on Extras tab to open any other 3rd party application when icon is clicked though.

SMS will reflect the number of unread SMS for most SMS clients

Context Actions on buttons

If you click and hold some skin items, extra functionality is available.

Profile Icon Lock, Timed Lock and Timed Switch (activate a profile and lock for specific period, then reactivate the current profile), also 'sticky' profile cancel after a manual profile switch.

Missed Call Call Forwarding activation/disable, Reset count of missed calls

Text_Window Clear all items

Mute Icon Custom Mute (mute for a specific time period)

Signal Toggle data band, turn phone on, off or cycle (off/on)

Voice Mail Reset count

Bluetooth Toggle on/off or discoverable mode, also enable ActiveSync via Bluetooth or A2DP stereo headset.

phoneAlarm includes numerous settings and 10 fully user configurable profiles, which can be used to change the most important settings on the phone as wished, manually or automatically based on time, location or particular events such as a Meeting or ActiveSync connection.

On first installation a standard setup is applied which enables using phoneAlarm out-of-the-box, however to get maximum value you should configure voicemail, customize billing options and setup Location Service and if wished Call Forwarding

Display Settings

Skin Select the preferred skin (you can download new skins free from our website)

Custom Settings to modifying text color and size or download new skins

Language Select user interface language for Settings. Currently at least 6 languages are supported. New languages will be added as available. During installation you need to select any extra languages you will require!

ACTIVATE ALARMS

Missed calls Activate this if alarms should sound when missed call occurs

Voice mail Activate alarm monitoring for voicemail.

Prompt before call Receive a prompt before checking voicemail

Show telephone keypad Select this to open phone application if you need to enter a password when checking voice mail.

SMS Alarms should sound when SMS is received. If you only get an SMS alarm when a voicemail is received, please see **Voice mail** option in Advanced Settings.

MMS Alarms should sound when MMS is received; you need to see *phone_User.cfg Settings* below, if you get an email alarm for MMS.

IM Alarms should sound when Instant Message is received. Currently MSN Messenger, Skype, Palringo, IM+, Agile Messenger, Anastasia and Jive Talk are supported. (Send an email to support if you have a different client and want it supported)

Reminders Alarms should sound when Reminder notification is active, disable this if you prefer to use a 3rd party alarm manager.

Email   Activate this to monitor your Inbox for new email. All active Inboxes are monitored.

Email alarms also work with Verizon Wireless Sync, Flexmail, Goodlink, and several other 3rd party email clients, however the email count for these may not correctly reflect the actual number of unread mails. Alarms will work correctly though.

Alarm Settings

Repeat   Sets number of alarm repeats and the delay between repeats. The first value sets how often alarm sounds for 1 alarm event. Multiple repeats per alarm event only apply to WAV files.

Stop if battery less than   Repeating alarm stops if battery drops below specified level. First 2 alarms will always sound regardless of battery level.

Always vibrate if muted   All alarms vibrate if volume set to 0 or muted. Set system and phone volume to 0 in profile and ringtone to <vibrate> to activate the system vibrate mode so that all reminders vibrate (including appointments and clock alarms).

Always vibrate with sound Alarms play selected sound and also vibrate, regardless of the profile specific settings for vibrate.

Don't activate backlight on alarm This saves power - but will not automatically activate backlight when alarms occur / repeat, or profiles are automatically switched.

Advanced Settings

Poor Signal   Receive an alarm when signal reception drops below a certain level. To receive an alert when signal is recovered again – activate the '`signalAlarmOnEnd`' option in User.cfg

Low Battery   Receive an alarm when battery charge drops below a certain level

Alarm in call   Set notification to use when an alarm occurs while voice call is active. The notification can be "Vibrate" or "Ignore" – a tone is not possible due to device design! By default nothing will happen. Normal alarms will resume as soon as call is disconnected.

Use Broker for Alarms   Generally the best alarm results are obtained with this setting OFF, especially for Treo threaded SMS application it must be Off. If you find that alarms are unreliable on your device, try switching this on, this is required mostly for some 3rd party Email/SMS clients.

Voicemail Email   Support voicemail notifications that are sent as email. For services that notify users with an email (with voice attachment) when a voicemail is received, enabling this option will also activate the correct voicemail alert. You may need to customize the text that is searched for in Email subject to correctly identify these emails (by default 'voicemail' is looked for). See '`voiceMailAsEmailSubject`' in User.cfg for more details.

Beep on press   When icons in skin are pressed a quiet beep will be emitted. Also a beep will be emitted when profile is changed (manually or automatically). You can customize the sound/vibrate for profile change via User.cfg

Max Standby   Enter the number of hours your battery lasts when on standby (not in use). This is usually between 80 - 200 hours.

Max. Call   Enter the number of hours you can telephone with your device before battery is flat. This is usually between 3 – 6 hours.

Startup Delay   Delay the loading of phoneAlarm after a soft-reset. This can be required when installed on a Storage card, or as a plugin in a 3rd party program (such as WAD).

Shutdown Delay   Time to keep the device awake during an automatic profile switch. You need to set this long enough for all actions to be completed. Activating radio or Bluetooth can take considerable time. This should be 45 seconds for most devices.

Skins on Storage   Move all unused skins to storage card to save active memory. If you have many skins installed this can take several minutes. The active skin will always be kept in main memory to avoid stability issues.

Voice mail   Set the number to be dialed when checking voice mail. You can include your password by adding ",,#xxxx#" after the voicemail number where "xxxx" is your password. This format is provider specific, so check with your operator if you have problems.

Incoming Voicemail   Only required if different to the previous setting for voicemail. This then needs to be set to the number that is specified in incoming SMS that notifies of a new voicemail. This will then attempt to convert SMS alarms notifying of voicemail into the correct voicemail alarm.
You can also have the SMS and missed call alerts from voicemail automatically suppressed if you activate the option `clearMissedCallSMSOnVoice'` in User.cfg

Vibrate on Connect   On outgoing calls the device will vibrate when the other party answers.   This allows you more freedom when placing calls.
NOTE: Not all devices support vibration mode when a call is connected! HTC Prophet and HTC Wizard don't support this unless headset is attached. If this does not work – try activating `vibrateOnConnectFix'` in User.cfg

Blank on dial   This changes the "Blank on connect" setting in profiles so that screen is blanked as soon as dialing starts, rather than on connect. Note: If you have key-lock active, this will mean you cannot disconnect/drop call until you reactivate the screen via power button (or other party hangsup – automatically reactivating screen).

System Vibrate This forces phoneAlarm to respect the system setting for vibrate mode. On Treo, if hardware button for vibrate is activated, phoneAlarm alarms will then respect this.

Auto-pickup   Allows auto-pickup even when headset is not connected (in car for example). You also need to then enable Auto-pickup feature in the respective Profiles.

SMS Send notification Enable or disable the notification pop-up when an SMS is sent.

SMS Delivery notification Receive notification when an SMS is received (but not necessarily read!) by recipient.

Set default SIP Specify the SIP (Input panel) to be loaded after a soft-reset, in WM 5.0, Keyboard SIP is always loaded

Profiles

Top Toolbar:

Profile: Work ▼   Select the profile whose properties you wish to view and/or edit

Options Menu at bottom right:

> **Automatic Switching** – setup the time based or event/Appointment based automatic profile switching, see **Automatic Profile Switching** below for full details.

> **Edit Profile Names** – Hide/activate unused profiles or change their displayed names. To have more than 7 profiles you need to activate those here.

> **Backup / Restore** – Export or re-Import your settings, either export just the phoneAlarm registry settings to a file in phoneAlarm folder (pa_Export.txt), or copy all important settings (including location, rules and network snapshots) to the Storage Card or another selected location.

> **Copy Profile** - copy all profiles settings from one profile to another profile to save time entering the same parameters in every profile.

Profile Settings:

Volumes

> **System volume**   is for all system sounds such as appointments, alerts and music. Select "Leave Unchanged" if you wish to control this via the system volume controller.

> **Phone Volume**   is how loud ringer is on an incoming call.

> **Call volume**   is how loud the phone speaker is when you talk on the phone.

> **Notification volume** is for all phoneAlarm alerts (Email, Missed call, SMS, Voicemail, Battery and Signal).
> Set "Escalating Volume" to have volume increase from 40% to 60%, 80%, 100%, after 4th alarm it remains at 100%.

Notifications

Choose the custom sound to be used for each alarm type, in each different profile. Contains all .WAV, .MP3, .WMA and .MID files in the "*Windows"* & "*Windows\rings"* directories. The default WM 5.0 and WM 6.0 ringtone paths are also searched, these include *"My Documents"*, *"Storage Card"* root folder and *"Storage Card\My Documents"* and may include other

folders depending on the device. (see your device User-Guide for list of these).

In addition 3 special sounds are listed.
<silent> No sound will be heard
<3rd Party> The system sound setting is used – this also allows 3rd party personalized SMS Tone applications to work correctly
<vibrate> No sound, only vibration (or you can set the checkbox "Vibrate" to combine vibration and tone).

NOTE: **.MID** music files are **NOT supported on Palm Treo 700w**, and some 3rd party music players will interfere with music playback – always test your sound choices via the green "Play" button in the settings first.

If sound does not play – or is very quiet, enable the option "ignoreWMSound" in ***phone_User.cfg Settings,*** see below.

There are also 3 checkboxes per setting to enable Vibration, LED and Notification pop-ups.
For vibration you can enable the checkbox, select "<vibrate>" sound option or both together.

Custom repeats

For each alarm type in each profile you have the option to customize the repeat action (or turn alarm off).

To use the standard repeat settings on the "Alarms" tab, leave it set to "Default".

In addition to the standard settings, 2 extra options are available for escalating repeat.

"Escalate 5" is repeat: 30sec, 1 min, 2 min, 3 min, 5 min.......5 min
"Escalate 10" is repeat: 30sec, 1 min, 2 min, 3 min, 5 min, 10 min.......10 min

Custom SMS alarm / Custom Email alarm

Use these settings to select the active custom email/SMS group(s) for custom alerts based on sender or text in SMS / Email – see "*Custom Email Alarms*" section below for more details on configuring this.

Groups are applied in alphabetical order! So if you use multiple groups – consider using number at beginning of the name to control processing order.

Ring Settings

Set the ringtone and ring type to be used for incoming calls.
Set the ringtone AND ringtype to "<3rd Party>" to use a 3rd party ring-tone manager! If not using a 3rd party manager – ALWAYS set this to an actual sound and ringtype.

Auto-answer Automatically answer the phone after 'x' rings. Note this requires a headset to be connected unless the "**Auto-pickup**" option on the Advanced tab is enabled.

Auto-blank   Auto blank on connect will disable the display during a call. This serves 2 benefits – it saves battery power, and it avoids you accidentally hanging up the call or activating other programs when your ear rubs the touch screen! Screen is automatically enabled on disconnect. Via Advanced settings you can also configure this to blank screen when dialing starts.

Speaker Phone `PRO` Automatically enable speaker phone mode when call is answered. Only on WM 5.0 and WM 6.0 devices!

Call Forwarding **PRO**   Select the telephone number where all calls will be redirected. You first need to configure the list of available Telephone numbers on the *Extras / Forward Calls* tab.

In v2.0 you can now just forward calls when the call is not answered (busy, no signal or not answered) using the additional "- No Answer" option for each call forwarding target.

Choose "Off" to disable forwarding, and "Leave Unchanged" to leave existing Forwarding state as previously set. Note: If "Off" option does not work to correctly restore Voicemail settings – you need to use the "Capture" option on the *Extras / Forward Calls* tab, in *Options / Forward Settings* menu.

SMS Forwarding **PRO**   Select the telephone number where a copy of all SMS received will be forwarded. This generates an SMS and results in the usual charges as if you manually sent the SMS! The list of numbers is the same as those used for Call Forwarding.

This will only work if your provider sends a standard SMS notification to device. Some providers send SMS to device using a proprietary format – in which case SMS forwarding is not supported.

You also need to either activate "Alarms for specific accounts" option for SMS on the *Extras / Custom Email & SMS* tab, or enable the option "`useRILForCustomSMS`" in the *Power User Settings*.

Radio Settings

Set status of all radio (communication) components. Use this to save battery power on components that are currently not required.

Activate Radio Enable the telephone radio. NOTE: If "Activate Radio" is disabled you receive NO calls! The option "Cycle radio on/off" is for users with a dual SIM Card and will automatically switch SIM depending on the SIM Code in Profile.

Activate IR   This enables/disables the Infra-red port. NOTE: Disabling this also **disables file transfer via Bluetooth**! Disabling this when outdoors can dramatically improve performance (sunshine cause's interference on most IR detectors).

Bluetooth   Activate / deactivate your Bluetooth radio. Works for both Microsoft and Widcomm Bluetooth stack.
The option to "Activate on call" enables having Bluetooth activated only when a call is received, this depends on your Bluetooth system being able to quickly initialize!

Headset **PRO** Activate / deactivate your Bluetooth headset. This enables the headset interface on most devices.

Activate WLAN `PRO` This modifies the power state of your Wifi radio – it will not automatically choose a connection though.

Data Band `PRO` Choose the preferred data band connection for current profile. 3G phones default to opening a 3G connection if possible using up to 4 times more power. If you only need low-bandwidth connection, choosing "GSM/GPRS" will extend your battery life noticeably. This requires cycling the phone off/on to change the setting (which is done automatically)!

Network Snapshot `PRO`   Apply a previously saved network snapshot to automatically configure network settings. See "*Network Snapshots*" below for more information.

Data Connection `PRO`   Completely disable the data connection so that no connection is possible. This is especially useful when roaming to avoid unwanted charges when travelling or on holiday. If you disable the connection in a profile – make sure that you enable it again in you other profiles!

General Settings

Adjust the settings for your **backlight** and also the timeouts for both backlight and device timeout/shutdown. NOTE: Automatic backlight adjustment does not work on some newer devices such as the HTC Artemis. In this case, select the option "Leave Unchanged" to allow the standard system backlight control to be used.

SIM Code   You can enter your SIM code, to have it automatically entered when exiting flight mode (Radio deactivated). The code is stored in an encrypted format and only used after the user has manually unlocked the phone once after each soft-reset.

Run Program Allows you to specify a program that should be started when this profile is activated. For example open Navigation program when "Car" profile activates.   tsGetFile.dll and gsGetFile.dll are both supported for file browsing if installed. To run multiple programs with this action you should use MortScript, a simple, powerful FREE scripting engine.

Close Program   Will close (fully close and not just hide) the program that was started, when the next profile is activated.

Rotate Screen `PRO` Select which orientation your screen should have when the profile activates.

ActiveSync Auto-connect `PRO`   Change the auto-connect time (or disable it) depending on your requirements. Note: Auto-connect can use a LOT of power.

Enable Push Email PRO Use this to activate / deactivate the push email reception. This works on most but not all devices! Post in the support forum if it is not working for your device.

TODO Email Sync ….

Automatic Profile Switching

One of the most useful features of phoneAlarm is the automatic profile switching which can be used to change most device settings dependent on the time, events such as "in Cradle" or "external Power", connected network or an Outlook appointment.

To access these settings select "Automatic Switching" on the Profile Settings *Options* menu, opening screen 1 below.
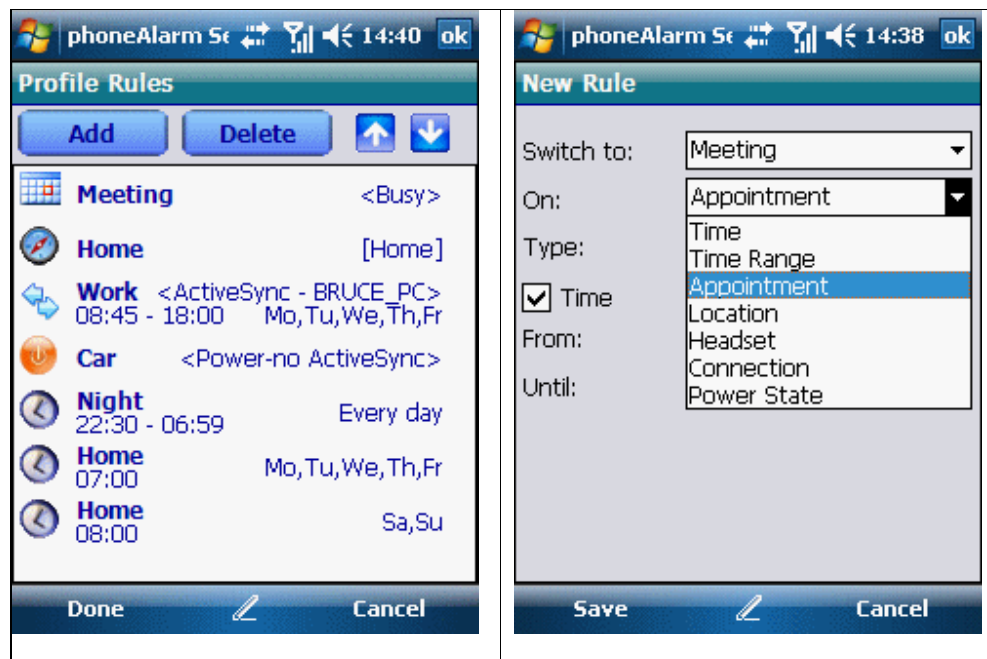
You can choose from 7 different profile switching events, (as shown in menu above). Appointment switching will activate the specified profile when an appointment with the specified status or category is active (if you have overlapping appointments only the first will be used – and All day appointments are ignored). The status <Busy> and <Out of Office> correspond to the *Status* in the Appointment.

The "Connection" switch allows switching profiles when connected to a specific network or computer, when roaming (not connected to your preferred network) or generally when an ActiveSync connection is present.

"Power State" will switching when power cable is attached without ActiveSync being started, or when the battery power drops below a certain threshold (low battery profile will be deactivated as soon as power cable is attached).

After selecting the wished-for Profile and the time or event, press the **Save** button to save the setting.

In addition in the PRO version, you can select that profile will activate when you arrive at a specific location and optionally change to a specific profile as soon as you leave that location.

At the end of an event or Outlook appointment the profile will automatically switch back to the base profile. If the current profile is locked, then no automatic switches will occur until the lock is manually removed.

Profile switching priority

Profile switching priority is dependent on position in the list. Items are processed from the top of list until the first active item is found.

Time-based rules are an exception – they DON'T change the profile immediately – they only set the new base profile to activate when no rule is active. Time based profiles can be anywhere in the list and will still activate (placing them at the bottom is usually clearer).

See the following example for help in understanding the logic.

#1: Meeting profile will ALWAYS be activated when a <Busy> appointment is present in calendar

#2: When current location is "Home" group and not in a meeting, then Home profile will be activated.

#3: During working hours, work profile will be activated if you connect using ActiveSync to the computer "Bruce_PC". If you are still connected at 18:01 the profile switch to home by default unless one of the other rules is active.

#4: Device will switch to Car profile if power cable is attached and not in meeting or "Home" group.

#5: Between 22:30 and 07:00 the next morning, device will switch to Night profile if no other rule is active. If you want device to ALWAYS switch to Night profile regardless of other settings – the "Time-range" rule must be at the top of the list. Between 7:00 (8:00 on weekends) and 22:30 the device will always switch to Home profile if no other rule is active.

NOTE: If you placed any other rule below #5 – it will never activate between 22:30 and 07:00. Even if it was another time-range with time from 05:00 – 06:00 for example.

To lock a profile (for example when you are on Holiday or in the church / cinema or in a plane), *click and hold* on the Profile icon -> then from the pop-up menu, select *Lock* or *Timed Lock*. A timed lock is automatically removed after the specified period. Lock must be manually removed, or if you manually

switch profile it will also be removed. You can also choose "Timed-switch" which will switch to a specified profile and lock until the specified time – at which point the previous profile will be restored.

While the profile is locked ALL automatic profile changes are disabled. Manual profile change always occurs even if the profile is locked and will remove the lock! Manual change also sets the new base-profile.

In addition – manual switches activate 'sticky' profile by default, so that the rules engine doesn't switch straight back to the active profile according to rules engine logic. This means that until the currently active rule ends – your manual selection will remain active. You can reactivate rules engine logic at any point by click & hold on the Profile icon and selecting *"Remove sticky profile".* You can disable the 'sticky' profile via User.cfg option

When an automatic profile change is scheduled during a phone call – the profile change is cached and executed when you hang-up. This prevents flight mode activating in the middle of a call!

Custom Email Alarms

Using the "*Custom Email/SMS*" view on the *"Extras"* tab you can customize default email client and folder to be opened.
You can also completely customize the alarm sound for emails and SMS. It allows receiving a special alarm when email is received in a particular account, only for hi-priority mail or for an SMS/email from a particular person/domain or only when particular text is in the subject of email or SMS (body text of email is NOT searched).
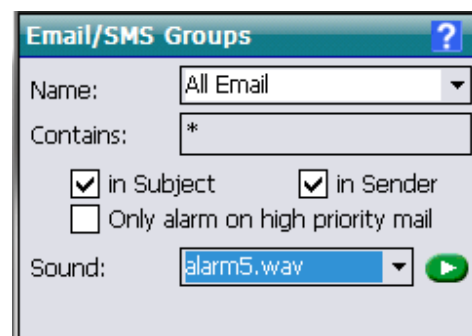
Email Client: Select the client that should be opened when you click on the Email icon. NOTE: Most custom email features are ONLY available when using Outlook client! Flexmail and Goodlink are not supported for alerts based on email subject. Support for Flexmail custom alerts will be added in v2.1

Alarms for specific accounts: Choose to receive custom alarms when email is received in specific accounts. Click the edit field to select which accounts to watch, and to select the default account (to be opened if no alarm is active in another account).
This list of accounts is also used for the "Email Sync" option in profiles.

NOTE: All other emails will still sound the default email alarm as set in profiles! To have only the specific custom email sound an alarm you need to configure the normal email alarm in each profile to be "*<silent>*" and set up the group for "*All email*" in each profile (*see picture*).
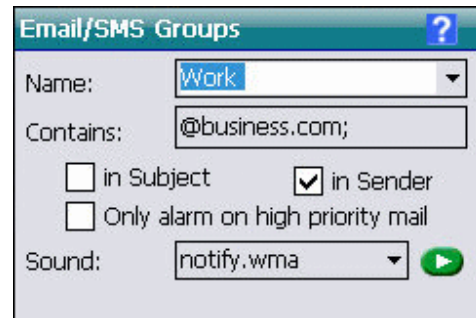
Warning: Custom Email alarms have a higher priority than all other alarms – so while custom alert is active you will NOT hear SMS / Missed Call repeating alerts!

Custom alarms on Subject / Sender:

Enable the check-box "Custom Alarms…" and then click the **Groups** button to define

Configure the different groups you would like to have alarms for. You can specify the text to search for in the Sender and/or Subject. For multiple entries separate them with semi-colon **;** and to include all text use the wildcard *****.

Enter the name in "Name" field(or select a previous name to edit its' settings), this is then used to refer to the group in Profile settings.
Enter the partial number/email address to alert for all messages from a specific group/company (e.g. "@test.com" will alert for all messages from this domain). The search is NOT case-sensitive, "@test.com" and "@TEST.COM" will both work the same.
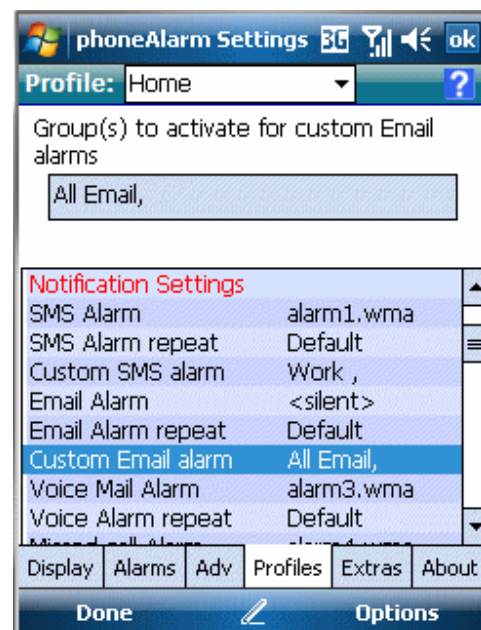
You can also specify that only Hi-priority emails will sound alert. To alert for all emails that are Hi-priority set the "Contains:" to **"*;"**

To delete a group, simply set the "Contains:" to blank and clear the Hi_priority flag then press "Save".

NOTE: Groups are applied in alphabetical order until a match is found. If you need a particular group to be applied first – start each group name with a number. That is: "1_SimpleSubject", will be processed before "2_All EMail", otherwise "All Email" will be the first group (because "A" comes before "S") and no other tests will be applied.

Custom Email / SMS in Profiles:

Once you have configured your groups as defined above, in each profile select the custom SMS Group(s) and custom Email group(s) that should be activated, or select *"None"* to disable this and have normal alarms for SMS and email. If both "Email Alarm" and "Custom Email alarm" are defined then when the email does not match any custom Group, the default alarm will be played

Data Connection Settings **PRO**

Add a "Disconnect" button and "Connected Time" option to the data icon on the title bar.

Auto-disconnect Specify the timeout to disconnect a data connection automatically if it is not in use. This is a system setting – phoneAlarm sets the registry key for the OS to control.

One-click Mute **PRO**

Assign a hardware button that can then be used to mute incoming calls and if so selected also to cancel alarms. During a call it can also toggle the screen blanking (switch screen on and off) if "Auto-blank" option was enabled in the profile.

Location Service **PRO**

Activate this option to enable location data collection. Currently this only provides detailed information for GSM devices. For most devices you just need to select "RIL" to enable optimal location detection.

If RIL location does not record any information after a day – activate "SIM" to retrieve general location (within 2-20 km depending on network!). "SIM" location should ONLY be activated if no other method is suitable/working for you, as it will only show changes at regional level.

In addition you can choose to get location information via Cell Broadcast (this is an operator specific feature – often on channel 50), or via WLAN Access Point names (this requires WLAN to be turned on, increasing battery drain).

In v2.0 GPS location is also supported – via Bluetooth GPS module or built-in GPS. GPS will be checked every 2 minutes when device is awake and compared with your "mapped" locations are within range. With GPS – you must manually press the "GPS" button when you are in a location you want to use as a location group (such as at home or work) so that it is recorded in the log.
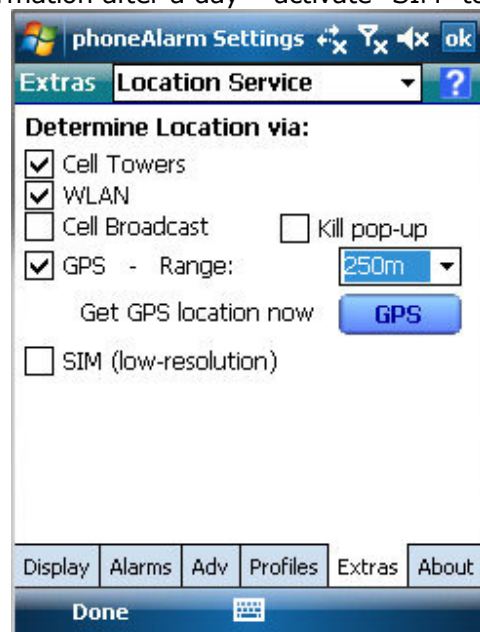
If GPS connection is not working on your device – see this Microsoft post for help in setting up the GPS driver to work with more than one GPS application: http://blogs.msdn.com/windowsmobile/archive/2006/06/07/620387.aspx

After location collection has been running for a while you can then begin to assign Location groups. Select the "Location Groups" tab, then select a Cell-ID from the list and then enter or select an appropriate Location Name from the Group drop-down at the top of the screen.

You can assign groups at any stage, and assign multiple cells to one group.

Once groups are assigned – you will then find them available in the Automatic Profile Switching dialog (see above) to select. You can select a profile change to occur on both entering and leaving a location.

NOTE: Do not assign more than one GPS location to a group!

Location Wakeup   `PRO`

Billing   `PRO`

Billing information can be configured so that phoneAlarm can provide you with a close estimate of your actual monthly phone/data costs.

Included are over 25 settings to customize the charges according to your provider tariff. With each update, more options will be added to support more accurate billing calculation – let us know if a critical setting is missing for your provider!

Tracking Tab

This includes the 1st day of your billing period, the Time periods that should be considered "Peak" time (only necessary if you have a Peak/Off peak tariff), and the charging unit (how your provider charges for short calls!). Set "1/1" if you don't have any details (this means you are billed only for the exact seconds connected). "30/30" for example means you pay for each started 30 second block.

Costs Tab

Monthly Fixed Cost	You monthly base cost for telephone service
Monthly Credit	Credit amount that should be removed from total call cost each month
Peak Cost	Cost in cents per minute for normal calls (in base currency)
Off-peak Cost	Cost in cents per minute for off-peak calls (in base currency)

Per Voicemail call	Cost for a single call to check voicemail
Cost per SMS	Cost to send a single SMS (SMS > 160 characters are currently billed as 1 SMS). If you have special charges depending on where SMS is sent, you will need to enter an average value – estimated based on how many of each SMS type you send.
SMS In Cost	Cost to receive an SMS (for most users this is "0")
Free SMS	Number of SMS you can send for free each month
Incoming Call Cost	Fixed cost to receive an incoming call, this is 0 for most users
Fixed cost per call	
Minimum cost	
Free Minutes:	
Total	Free minutes regardless of time period (other free minutes are used first if applicable)
Peak	Free minutes in peak period
Off-Peak	Free minutes in the off peak period
Intern	Number of free minutes to other users on your network
Data Volume:	
Monitor Data Traffic	If this option is disabled NO data tracking will occur
Monthly Fixed fee	Set the fixed amount that you pay every month for data services
Included free volume	Data volume included in your monthly package
Packet Size (KB)	Minimum unit volume for billing – check your contract for this.
Cost per packet	Cost for a packet (as specified above)
Off-peak packet	Cost for an off-peak packet (only required if you have defined off-peak time on the first tab)
Daily Limit (KB)	Notification limit for daily downloads. A pop-up notification will occur one time if this limit is exceeded.
Monthly Limit (MB)	Notification limit for monthly downloads. A pop-up notification will occur one time if this limit is exceeded.

Special Tab

Add special numbers here that have non-standard cost. You can use this to define numbers or groups of numbers which are free, and also to specify costs for international calls and pay services.

To enter a number specify as many digits as possible to uniquely define the group.

For example to define a price for international calls to Melbourne, Australia (+61 3 9….), enter "6139" and the price in cents/minute (or whatever your base currency is!) and click "Add".

Note: Any "+" and zeros "0" at the beginning of the number are ignored. In the above example the number "+44 1 123 **6139**" would NOT be matched

All costs must use decimal "." and NOT German ",". That is "0.25" for 25 cents

Scroller   `PRO`

Use this to configure which items are shown in the Rotator element available on some skins (if you skin doesn't include this element then there is no performance effect from this item!).

Switch every   Items will be shown one at a time. Recommended delay 5 seconds. This has minimal affect on performance.

Scroll   Items will scroll one after another across the screen. This has a small affect on performance as updates need to be performed several times per second! "Slow" option has less than 1% affect on CPU, "Normal" uses <2% and "Fast" uses up to 6% - but ONLY when Today Screen is visible.

Static scroller   All items are shown at the same time, use this if your scroll element is large enough for all information to be displayed at one time. It has no affect on performance.

You select the items to be displayed by moving the items to the right-hand panel. You can then sort these items to choose which order they appear on the scroller.
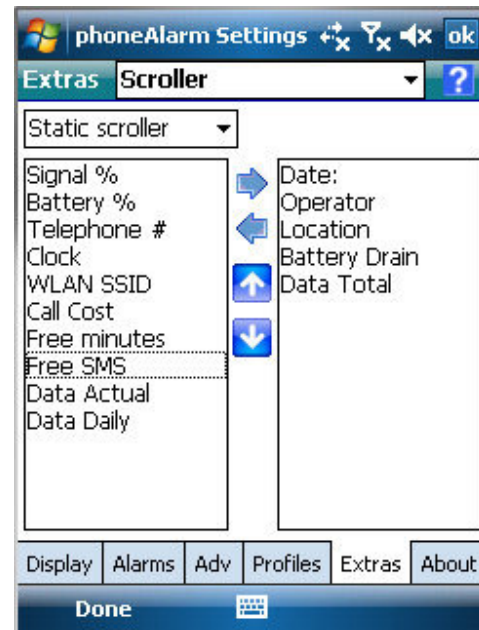
Forwarding Call/SMS   `PRO`

Configure the telephone numbers to be used for Call and SMS forwarding. You can configure up to 4 different numbers to be used – then in the profile settings, select which should be activated when profile is active.

Telephone numbers should normally be entered in International format including the "+" and country code at the beginning.

For example: +1 (xxx) xxxxxxx

> Note: Some users have reported that without the blanks either side of area-code that Call Forwarding did not work on their device, so try out different spacing if it doesn't work the first time.

If you have problems (some CDMA / Verizon devices do not support this), activate the "Forwarding Fix" option and enter the specific codes for activating call forwarding for your provider.

SMS forwarding works only to another mobile phone and will ONLY work if telephone numbers are in International format starting with a "+"

NOTE: You should configure one of the numbers with your "forward to voicemail" number (usually your own telephone number), so you can reactivate normal voicemail action via profile.

If deactivating call forwarding doesn't correctly restore voicemail support for unanswered calls, then you need to open the "Forward Settings" sub-menu and enable the "Capture" option which will take a snapshot of the current settings and restore these whenever Call Forwarding is disabled in a profile

Network Snapshots `PRO`

You can make snapshots of your current network settings to restore the same state via Profile switch, saving you needing to access numerous settings when moving from one network to another (Home to Office for example).

To make a snapshot - setup your device and connect to a desired network, then while connected select the Network "Create" button on the Extras Setting tab.

Assign a name to the snapshot, then activate the required options (generally <u>ALL</u> options should be selected)!

Then in the Profile settings, select the Network snapshot that should be activated.

NOTE: Snapshot will NOT automatically activate the connection (WLAN , GPRS etc).

Voice Command   `PRO`

You can control whether Voice Command is active in each profile and also which Announcements it makes (Incoming calls, appointments etc.), allowing full control depending on your current situation.

Weather Plugin   `PRO`

Use this option to customize the location and other options for the weather forecast that was added with v2.12 of phoneAlarm. You will need a skin that supports this service (such as *Flipped-Out* or *ClearGloss Manila*).

Both Google Weather service and Accuweather are currently supported. See this forum post for full details on configuring the location:

http://www.pocketmax.net/smf/index.php?topic=6538.0

Photo-Dialer Bar

Use this option to add a photo-dialer below the skin using a select set of contacts (and the photos taken from system "Contacts" database).

Launcher Bar

Using the Advanced settings "Application Links" option define upto 20 application shortcuts. These can then be displayed on skins that are customized specifically to show the shortcuts.

For skins that do not include the Application links you can automatically have a launcher bar added below the skin by enabling the "Add AppLink bar to skin" option. The automatic launcher will include the as many 16x16 pixel shortcuts as fit across the skin (enable "Large icons" to use 32x32 pixel icons)

Custom Application Links

Use these options to specify a specific 3rd party application that should started when Email, SMS, Missed Call, Voice, Date, Clock or Calendar icons is clicked.

This allows you to start any program or shortcut you wish when an icon is clicked instead of performing the phoneAlarm default action.

Delete any setting to restore default action

Custom LED Colors

Custom LED colors are only supported on a few devices – such as the TyTn and the Omnia. See support forum for more help with this option.

Some Samsung devices will require activating options on the "Device Specific" sub-menu to fix LED driver issues that cause the LED to stop blinking after 20-30 seconds or when device first turns off after alarm.

paAlarm Component

Power User Settings

To allow power users to have many more settings without overloading the user interface with dozens of new commands, over 60 less important, or device specific settings are now available via a configuration file.

You access the file via the Options menu "Power User Settings" or the [icon] icon on the About screen. This opens the file – and you should then carefully read the instructions in the file for details of what the various settings do. Clicking "OK" saves any changes and automatically applies these immediately.

For example you can hide the count on skin if items are zero, display memory or data transfer in MB or % on the pop-ups, apply a fix for "vibrate on connect" for a few devices, speed up graphics routines and many other device specific or possibly unsafe settings.

If you do change any settings and then have problems – make sure you restore default value. This especially applies to "useFastGraphics" which can cause lock-ups on some devices.

Important Entries:

"alarmOnEveryEvent" – sound alarm for every new item (each SMS, Email), even if that alarm is already active

"useRILForCustomSMS" – to enable SMS Forwarding and custom SMS alarms where Outlook is not used for SMS handling (**Treo threaded SMS** for example). Some US networks also need this setting enabled.

 "WLANviaDriver" – If WLAN not working and "WlanFix" didn't help (or for faster WLAN toggle on some devices) enable this option. Power management for WLAN maybe disabled in this case (dependent on driver) – so check that WLAN really goes into idle when device is powered off if this setting is enabled!

"useCommManagerOnce" – Activate WLAN via Comm.Manager only after a reset, some devices require this to correctly load the driver.

"vibrateSetting" – this and a number of similar options allow customizing the vibrate pattern – you can then have a different pattern/speed of vibrate for each alarm type.

"activateBacklightOnNewAlarm" / "flashBacklightOnAlarmRepeat" – activate the backlight on alarms for hard-of-hearing users, providing optical feedback on alarms.

"autoCenterSkin" – center the skin when in landscape mode if it doesn't fill the screen

"ignoreWMSound" – use older sound playback routine, this is needed on some iPAQs otherwise sound playback is very quiet!

"clearMissedCallSMSOnVoice" – cancel the missed call and SMS alerts when a voicemail is received, so that you only get the one alarm for voicemail. This option will also cancel alarms for system notification SMS such as "Receipt confirmation"

"voiceMailAsEmailSubject" – If you receive voicemails as email, you can have these automatically alerted as voicemail alarms by configuring this setting.

"dualSIMNumber" – enter the second number on your dual SIM card, so that phoneAlarm can indicate which SIM is active and toggle the SIM correctly.

"forceLocationWakeup" – Fully wakeup the device on location auto-check. This is required on some devices to acquire a new location signal – and also if using WLAN location and your device turns off WLAN when sleeping.

Tips and Tricks

My registration code isn't accepted!

Check that your device Owner Name wasn't changed! Otherwise email "support@pocketmax.net" with product name, your device Owner Name and details of when and where you purchased.

How to upgrade to newer version?

Free upgrades are included for all users until the next major version (v2.0). To upgrade simply install a new trial version (freely available from http://www.pocketmax.net) over your existing version.

NOTE: If upgrading from a version before v1.50 you MUST uninstall first, also most WM 5.0 and WM 6.0 devices will automatically uninstall the previous version.

If you have problems with upgrading – perform a soft-reset and then try again to install (there is a known issue with Microsoft WM 5.0 installation program that it crashes if not enough memory is available!)

All registered users will get a 50% discount when upgrading to v2.0. Users who purchase in 2008 will automatically qualify for a free upgrade to v2.0.

How to backup settings?

On Profiles tab, click Options menu / Backup / Restore and export your settings – these are saved in pa_Export.txt. This will copy all important files to a Storage Card automatically (select RESTORE to copy them back overwriting current settings with saved). This saves all registry settings, rules, location data and Network snapshots.

Do I use system "Sounds & Notifications" to configure settings?

NO!! For all alarms that are controlled by phoneAlarm (SMS, Email etc.) – these settings are controlled by phoneAlarm via profiles (sound in system is set to "phoneAlarm" which is a silent file) and will be changed automatically

Using phoneAlarm together with HTC Touch-Flo interface

phoneAlarm works well together with Touch-Flo starting with v2.13. Most users will simply activate the "Touch-Flo support" option in the Advanced settings.

Please read this forum post for full details on the different options available.

http://www.pocketmax.net/smf/index.php?topic=7200.0

How do I activate logging?

To start recording: Go to the About screen and click on the phoneAlarm icon - then activate BASIC / DETAIL logging option. (only activate Signal logging option when requested).

After the problem has occurred, send the *phoneAlarm.log* in the *\Program Files\phoneAlarm* directory to: support@pocketmax.net

Please include a brief description of the problem, and the time when it occurred!

Disable logging via About screen when not required as it can have a noticeable affect on performance!! On upgrade logging is always disabled and the old log file is deleted.

Automatic profile switching isn't working?

Check that the current profile isn't locked (small lock icon shown on profile image)!! See the section "Automatic Switching" for help in configuring this.

Also make sure your version is not expired (see on About screen) – profile switching does not work once trial is expired.

Alarms are not notified when email / SMS is received?

Try enabling the option "Use broker for alarms" on the Advanced settings tab. Check that "Notification" volume in current

Bluetooth file transfer doesn't work

To transfer files via Bluetooth the Infra-rot option ("*Activate IR*") in current profile must be activated!!

Device backlight activates on alarms or randomly

Make sure that you have the checkbox option "Repeat" on the Sounds & Notifications settings for Reminders DISABLED.

Also make sure you have enabled the option "Don't activate backlight on alarm" on the *Alarms* tab in phoneAlarm settings

Voicemail alarms are not working

If voicemail isn't working correctly (especially if you only get an SMS alarm) you need to setup the telephone numbers correctly for **Voice mail** and **Incoming Voicemail** in the Advanced Settings. [more info soon….]

I want to use Ringo (or another 3rd party ringtone manager)

No problem, simply select "<3rd Party>" for the ringtone sound or the SMS sound – then phoneAlarm will not manage this setting.

For SMS – phoneAlarm will read the sound setting from registry – to get the custom setting that 3rd party manager has selected, then correctly repeat the alarms. On Treo, MIDI sounds are NOT supported for SMS alarm!

NOTE: If you use "<3rd Party>" for sound, you MUST set this in ALL profiles.

Sound playback is very quiet

Activate the "Alternate Sound playback" option in the Advanced settings to use older sound playback routine, this is needed on some iPAQs otherwise sound playback is very quiet!

You can also try enabling the setting "Louder volume" this especially helps with Treo 800w

Links

Latest Upgrade: http://www.pocketmax.net/phoneAlarm.htm

New skins: http://www.pocketmax.net/phoneAlarm.htm

   http://www.pocketmax.net/pal_skins.htm

Support forum: http://www.pocketmax.net/sdf/index.php

German forum: http://www.pocketmax.net/smf/index.php?board=15.0

Tips on battery management: http://www.batteryuniversity.com/parttwo-34.htm