
phoneAlarm SP v1.13

User guide

phoneAlarm SP Features

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 or Outlook Appointment category.

It is compatible only with WM 5.0 & WM 6.0 devices that are application unlocked!

On WM 2003 many features will work, but we do not test or provide specific support for WM 2003 issues.

Main Feature List

- 1)** Complete overview and control of all your communication
 - 2)** Customizable, repeating alarms on receiving Email, SMS, Missed call, Voicemail and/or Appointments. Also custom alarms based on the subject or sender of email/SMS.
 - 3)** 7 custom phone profiles (control most settings on your phone via single click)
 - 4)** Automatic profile switching based on time, appointment category, Active-Sync or Power-Cable event
 - 5)** Fully customizable user interface always visible on Home Screen
 - 6)** 1-hand navigation to use most functions
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User Interface

The user interface of phoneAlarm is fully user configurable and all skins for the PPC version are also compatible with the smartphone version – though not all PPC features are included. 2 skins are included in the installer, and on our website new skins are constantly posted by our users.

Below is the "Joel_Blue" skin (from **IronMortyCash**) which is activated by default (see http://www.pocketmax.net/pal_skins.html for many more skins):



- 1) Profile – Click to change profile Also includes options to lock profile & mute phone
- 2) Missed Calls – Count of missed calls, click on icon to access Call History
- 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

The navigation control can be used to access all features using one hand. On the Home 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.

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**

- l Unlock current profile
- ll Lock current profile
- m Cancel alarm / mute ringing phone
- mm Toggle mute on/off
- 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
- v Re-enable volume (end mute)

Installation

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

To add phoneAlarm to your favourite Homescreen or to Facade simply add the following 2 lines to the XML file.

```
<plugin clsid="{FF353985-55C2-4a6c-9682-0CFB923D5C7A}" name="phoneAlarm"
height="40">
</plugin>
```

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

When **upgrading** you should not need to perform any special action. If you experience problems or receive an error message, try loading a Homescreen that doesn't have phoneAlarm active and repeat the installation procedure.

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 to cleanup the registry settings correctly!), 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 and your device "Owner Name" as displayed on the Today screen or via Start Menu / Settings / Owner Information. UPPER/lower case is important!

Your key(s) should be automatically received during the purchase process.

Adding skins

You can find other skins available for free download on our website in CAB format. These are compressed device-installers with all files. 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.

Note: The CAB files for PPC version CANNOT be installed on the SP version – but any skins in ZIP format can be used, and most CAB skins should also be available for SP devices.

To create or customize your own skin, use the free skin editor (Editor currently only available for PPC devices) 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.

Email will reflect the actual number of unread items in ALL inboxes grouped together (excluding SMS)

SMS will reflect the number of unread SMS

Settings

phoneAlarm includes numerous settings and 7 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 check through the settings and customize sounds and repeat options

Display Settings

- | | |
|---------------------------|--|
| Skin | Select the preferred skin (you can download new skins free from our website) |
| Language | Select user interface language for Settings. Currently 2 languages are supported. New languages will be added as available. During installation you need to select any extra languages you will require! |
| Missed calls | Activate this if alarms should sound when missed call occurs |
| SMS | Alarms should sound when SMS is received |
| Email/MMS | Activate this to monitor your Inbox for new email. All active Inboxes are monitored – the alarm count refers to the mailbox where mail was last received!

Email alarms also work with Verizon Wireless Sync, however the email count for Wireless Sync may not correctly reflect the actual number of unread mails. |
| Voice mail | Activate alarm monitoring for voicemail. |
| Prompt before call | Receive a prompt whether you really want to dial before checking voicemail |

Alarm Settings

- Every** Specify the delay between alarm repeats.
- Repeat** Specify how often alarm will repeat. Select *<Silent>* to turn off alarms (this can be useful if you use the Custom Repeats and only want alarms in one or 2 profiles). *"Endless"* will repeat until battery drops below the specified level.
- 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).
- Mute also mutes phone** Mute normally silences alarms - but phone still rings. Set this to mute phone as well
- Don't activate backlight on alarm** This saves power on some devices - but will not automatically activate backlight when alarms occur / repeat, or profiles are automatically switched.

Advanced Settings

Low Signal Receive an alarm when signal reception drops below a certain level

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.

Midi via external player Activate this option if (default) Media Player should not be used to play MIDI sounds. In this case the registry will be checked to find the default registered player for MIDI.

Profile Volume

Profile Choose the profile whose settings should be updated. Deactivated profiles will not be shown.

System Volume Volume for all system sounds, including music playback and alerts that are not under phoneAlarm control. "Leave Unchanged" allows you to control this via system settings.

Phone Volume Volume of phone ringer on incoming call.

In-Call Volume Volume of speaker during a call.

Notification Volume Volume for all phoneAlarm alerts. The option "Escalating Volume" sets volume to 40% on first alarm, then 60%, 80% then from 4th alarm volume is 100%

Profile Sounds

All compatible sounds (WAV, MP3, WMA and MID) are loaded from *\Windows, \Windows\Rings, \Application Data\Sounds* and from the *Storage Card*.

- Profile** Choose the profile whose settings should be updated. Deactivated profiles will not be shown.
- Ring Tone** Set the ringtone and ring type to be used for incoming calls. Set the ringtone AND ring type 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 ring type.
- SMS Sound** Select the tone to be played on new SMS. The options "<Silent>" and "<Vibrate>" are also available.
- Vibrate** The vibrate checkbox allows vibrate AND sound
- Email Sound** Select the tone to be played on new Email. The options "<Silent>" and "<Vibrate>" are also available.
- Missed Call Sound** Select the tone to be played when a call is missed. The options "<Silent>" and "<Vibrate>" are also available.
- Voice Sound** Select the tone to be played on new Voicemail. The options "<Silent>" and "<Vibrate>" are also available.
- Appointment Sound** Select the tone to be played when an Appointment reminder is active. The options "<Silent>" and "<Vibrate>" are also available.

Profile Repeats

Custom repeat options that can override the default settings on the “*Alarm Settings*” tab. This can also be used to disable an alarm in a particular profile.

Profile Choose the profile whose settings should be updated. Deactivated profiles will not be shown.

Custom SMS Repeat Activate the check-box to specify a custom repeat setting for new SMS in this profile.

Custom Email Repeat Activate the check-box to specify a custom repeat setting for new Email in this profile.

Custom Missed Repeat Activate the check-box to specify a custom repeat setting for missed calls in this profile.

Custom Voice Repeat Activate the check-box to specify a custom repeat setting for new voicemail in this profile.

Custom Appointment Repeat Activate the check-box to specify a custom repeat setting for an active appointment reminder in this profile.

Profile Radio

- Profile** Choose the profile whose settings should be updated. Deactivated profiles will not be shown.
- Phone Radio** Turn the phone radio on, off or leave unchanged in each profile. If turned off, you cannot make or receive calls! (This is Flight Mode) In addition you can choose the "Cycle Radio" option for users with multiple SIM, to switch between accounts automatically.
- Bluetooth** Turn the Bluetooth on, off or leave unchanged in each profile. With Microsoft Bluetooth stack you can also set discoverable. The Widcomm stack is also supported – but currently "Off" only stops phoneAlarm requiring Bluetooth, but will not turn-off the radio automatically!
- SIM Code** Optionally enter the user SIM code when switching to a profile which activates the radio. NOTE: The SIM code will NOT be entered automatically after a soft-reset for security reasons. You must first manually enter SIM Code before this will be activated.

Profile Power

- Profile** Choose the profile whose settings should be updated. Deactivated profiles will not be shown.
- Backlight Battery** Backlight timeout while on battery power. This can be set to "Never" but this setting is not recommended as it can very quickly drain the battery. On most devices the backlight is the main power drain – setting this to a shorter time can dramatically extend your standby time.
- Backlight External** Backlight timeout when on external power – this is useful to disable the automatic backlight settings when using the device as a Navigation system in the car.
- Display Off** On most systems the display can remain active even when the backlight is off. This controls this setting.
- Keyboard Light** On devices with LED keyboard lights – this allows controlling the period they remain lit. On devices with many LED's this can help extend standby time.

Profile Extras

- Profile** Choose the profile whose settings should be updated. Deactivated profiles will not be shown.
- Run Program** Start the specified program on activating this profile. Useful for starting the Navigation program in Car profile for example. tsGetFilee.dll is also supported for file browsing if it is installed.
- Device Lock** Option to have the device key-lock automatically activated in particular profiles, and disabled in others.

Options Menu

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

Edit Names Change the displayed names for profiles and deactivate specific profiles if you don't require all 7. Also allows setting the profile dropdown to be text, rather than images if you wish.

Import Import saved settings from *pa_Export.txt* to quickly restore a previous configuration. Useful after a hard-reset or when configuring multiple devices.

Export Export all the registry settings for phoneAlarm, the settings are saved to *pa_Export.txt*. This file should then be copied to desktop or a storage card for backup purposes.

Copy Profile Copy all profile settings from one profile to another. This is useful on initial setup.

About

Displays information on the currently installed version and the registration / trial status.

Options Menu

Register Enter the provided registration code to unlock phoneAlarm.

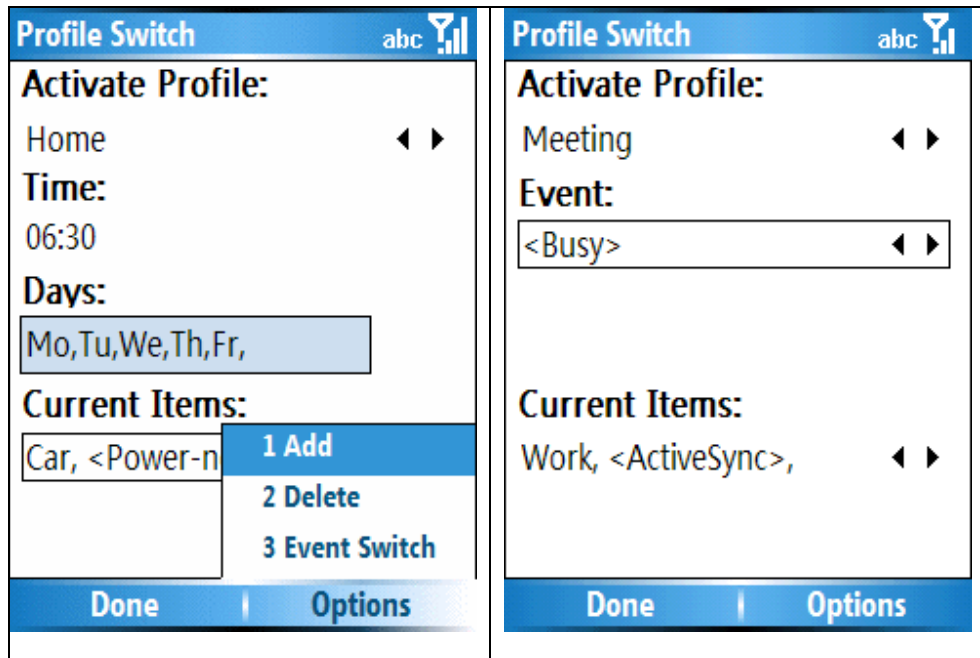
Logging Enable / disable logging. Logging has a small affect on performance so only leave this active when collecting information to help in resolving an issue. The log is written to phoneAlarm.log in \Program Files\phoneAlarm folder, and should be emailed to support@pocketmax.net together with a description of the problem and the time it occurred.

Automatic Profile Switching

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

To access these settings open the *Profiles Extras* settings and select *Automatic Switch* on the *Options* menu.

On the default view you can configure time-based profile switching. To access the other event-based settings open the Options Menu and click "Event Switch" as shown below:



After selecting the profile and the time or event when it should be activated open the Options menu and click **Add**, to add it to the Current Items list.

To remove a profile switch – select it in the Current Items list, then select **Delete** in the Options menu.

In the Events selection list, there are the power events <ActiveSync> and <Power-no-ActiveSync> for when device is on external power. There are the Outlook appointment settings <Busy> and <Out of Office> and if defined for any appointments, Outlook categories are listed normally at the end of the list.

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

Profile switching priority

1. Manual change
2. Appointment category
3. Power events (ActiveSync or Power cable)
4. Time-based changes (these set base profile when no other setting is active)

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

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.

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!

Tips and Tricks

How to backup settings?

On Profiles Extras, click Options / Export setting to export your settings. Then copy the file "pa_Export.txt" to a Storage Card or Desktop.

To restore settings, copy the file back to phoneAlarm directory, then on the Profiles Extras tab, click Options / Import to import your settings.

How do I activate logging?

To start recording: Go to the About screen and click Options / Logging - 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.

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 over your existing version.

If you have problems with upgrading – choose a Homescreen without phoneAlarm active, then turn the device off/on and then try again to install.

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 registered – profile switching does not work once trial is expired.

Changing AM / PM on the Motorola Q?

To change from AM / PM on the time control for the Motorola Q press the "W" key

Links

Latest Upgrade: <http://www.pocketmax.net/phoneAlarmSP.html>

New skins: <http://www.pocketmax.net/phoneAlarmSP.html>

http://www.pocketmax.net/pasp_skins.html

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

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