
ScheduleCare and ProfileCare

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What do ScheduleCare and ProfileCare do?

ScheduleCare and ProfileCare¹ is the easy and powerful way to control many of your Treo's settings such as brightness, sound, vibration, phone radio, Bluetooth radio (Treo650 only), ringers, HotSync and soft reset. While this might sound interesting, the power really comes from your ability to group these settings into *profiles* to control all of them at once. With profiles, you can have your Treo customized to different situations.

These settings can then be based on multiple types of events – either certain times of the day (*timed* profiles), by Bluetooth devices² in range of the Treo (*device* profiles), or even customized to appointments on your calendar (*calendar-based* commands).

Now you can have your Treo behave just the way you want for each aspect of your day - commute time, during the weekday day or night, overnight, weekends, during meetings or entertainment appointments and even based on the Bluetooth neighborhood.

For example, these are just a few of the things you can do *automatically*:

- Set your phone to vibrate mode whenever you have a meeting scheduled
- Turn off your phone's sounds when you go to sleep at night and then automatically turn them on when you wake up the next morning. You can have it perfectly quiet, only alarms on (for that wakeup call), or any combination you wish.
- While you are sleeping, you can schedule an automatic hotsync or get the Treo ready to do backups (with a separate backup program not included)
- Configure your phone to use professional-sounding ringtones during the work week and more playful ringtones during the weekend.
- Turn off your phone when you plane departs and turn it back on when you land.
- Dim your Treo's display and turn on the keyboard backlighting during the evening but brighten it and turn off the keyboard lights during the day.

Never hassle with manually changing your phone's preferences again!

¹ ScheduleCare and ProfileCare require separate registration codes. The ScheduleCare registration code will enable calendar-based commands. The ProfileCare registration code will enable timed and device profiles.

² Bluetooth profiles are not yet supported, but will be included in a future release

ScheduleCare and ProfileCare Feature Comparison

The table below shows the different features in ScheduleCare and ProfileCare.

Features		ScheduleCare	ProfileCare
Profile Features			
	Graphical Interface		√
	Manual Profile Switching		√
	Calendar Integration	√	
Sound Control			
Phone	Volume	√	√
	Vibrate	√	√
	Tone	√	√
Calendar	Volume	√	√
	Vibrate	√	√
	Tone	√	√
Email	Volume	√	√
	Vibrate	√	√
	Tone	√	√
IM	Volume	√	√
	Vibrate	√	√
	Tone	√	√
SMS	Volume	√	√
	Vibrate	√	√
	Tone	√	√
MMS	Volume	√	√
	Vibrate	√	√
	Tone	√	√
System	Volume	√	√
	Game	√	√
	Alarm	√	√
Mute Control	Simple Mute	√	√
	Total Mute		√
Display Control			
KeyBoard Control			
	Always ON	√	√
	Automatic On	√	√
	Always OFF	√	√
Screen			
	Brightness	√	√
	Auto Off		√
	Power detect		√
	Screen Dimming		√
	Day/Night Mode		√

Features		ScheduleCare	ProfileCare
System			
Radio	Radio Control	√	√
	BlueTooth Control	√	√
	IR Control		√
HotSync			
	HotSync - Local	√	√
	HotSync - Modem		√
Soft Reset			
	Soft Reset	√	√
LED			
	Stop all alerts		√
Global Options			
Change Alerts			
	Flash	√	√
	Vibrate	√	√
	Popup Window	√	√
	Beep	√	√
	LED	√	√
Status Indicators			
	Power-on Status	√	√
	LED when muted		√
HotKey Control			
	Detailed Status	√	√
	Manual Profile		√
	KeyBoard Lights	√	√
Automatic Time Update			
	Auto Update		√
	Roaming Filter		√
Listening Volume			
	Handset		√
	Speaker Phone		√
	Back Speaker		√
	Headset		√
	Stereo Headset		√
Phone/System Control			
	Disable Alerts during calls		√
	Low Battery Detection and Control		√
	Signal Loss Feature		√

System Requirements

- Treo 600 or 650
- To use calendar-based events, you'll need the default PalmOS Calendar application or any third-party calendar application that uses the default Calendar database (such as DateBk5 or Agendus).

Installation

To install the application, follow these simple steps. If you are upgrading from a previous version, be sure to disable it first (uninstalling is best since you'll most likely need to recreate your profiles).

1. **Download.** Download the application and save it to your computer.
2. **Prepare the files to install:** Double-click on the file you downloaded. This will use another program to show the contents of the file. Then double-click on the following files to schedule them for installation during the next HotSync using the Palm desktop Install tool.

DisplayHotSyncID.prc	- Program to display the Hot Sync ID
SC-Execute.prc	- a required helper program
SC-HotKey.prc	- the PowerOn Status Window program
SC-KeyBoardDB.pdb	- hot key preferences database
SC-PreferencesDB.pdb	- database file for preferences
SC-ProfileDB.pdb , and	
SC-StrProfileDB.pdb	- sample profiles
SCPlugin.prc	- allows for integration with 2Day
ProfileCare.prc	- the application itself
ScheduleCareDB.pdb	- application preferences database

Note: The **DisplayHotSyncID.prc** application is completely optional but may be useful if you are not sure what your Hot Sync ID is. See the [Can't find your HotSync ID?](#) section for more details.

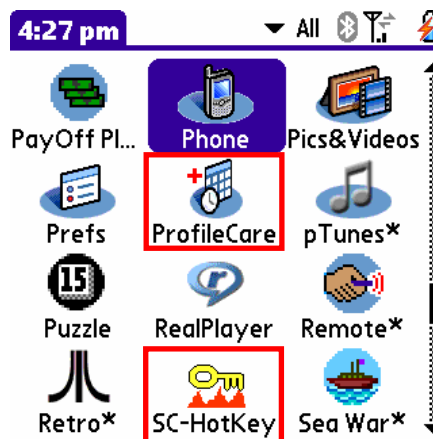
The **SC-KeyBoardDB.pdb** , **SC-PreferencesDB.pdb** , **SC-ProfileDB.pdb**, **SC-StrProfileDB.pdb**, and **ScheduleCareDB.pdb** files are also optional. They are provided to help you get started using ScheduleCare quickly and are used as examples throughout this guide.

Finally, the **SCPlugin.prc** file is also optional. It provides integration with the 2Day application from ShSh Software, Inc. (www.shsh.com).

3. **Install to the Treo:** Perform a HotSync operation to install the files on your Treo.

Note: Because this application monitors and adjusts the settings on your Treo, the **ProfileCare**, **SC-Execute**, and **SC-HotKey** applications must be in main memory at all times. Therefore, they may not be executed from the SD card. In fact, if you try to run them from the SD card, they will issue an error message.

4. **Verifying Installation:** Once the HotSync is complete, you'll see two new icons in the applications launcher (or three if you've installed the **DisplayHotSyncID.prc** application – not shown below).



Note: **SC-Execute.prc** is a helper application which must be installed but will not appear in the list of applications shown in the launcher window.

Should you ever need the information, the following is a list of files that exist on the Treo once ScheduleCare/ProfileCare has been configured:

DisplayHotSyncID.prc ³	- creator ID: DHSI
SC-AlarmsDB.pdb	- creator ID: SCED
SC-Execute.prc	- creator ID: SCE4
SC-HotKey.prc	- creator ID: SCE0
SC-KeyBoardDB.pdb	- creator ID: SCED
SC-PreferencesDB.pdb	- creator ID: SCED
SC-ProfileDB.pdb	- creator ID: SCED

³ Only if the **DisplayHotSyncID** application was installed

SC-StrProfileDB.pdb	- creator ID: SCED
SCDB_Cat.pdb⁴	- creator ID: SCED
ProfileCare.prc	- creator ID: SCED
ScheduleCareDB.pdb	- creator ID: SCED

Registering your copy of ScheduleCare or ProfileCare

Once you have purchased a copy of ScheduleCare or ProfileCare, you should receive registration key(s) based on your phone's HotSync ID.

ScheduleCare and ProfileCare require separate registration codes. The ScheduleCare registration code will enable calendar-based commands. The ProfileCare registration code will enable timed and device profiles.

To enter the registration key(s), perform the following:

1. Go to the applications launcher and tap the **ScheduleCare** icon.
2. Tap the **Menu** button, and then choose **About ScheduleCare** from the **Options** menu.
3. Enter your registration key(s) and then tap **OK**.
4. If you go back to the **About ScheduleCare** screen, you will see that you are now registered.



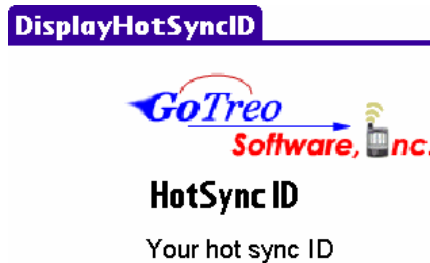
⁴ Only if ScheduleCare Category Manager is used

Can't find your HotSync ID?

If you can't find your phone's HotSync ID, you can use the utility that came with ScheduleCare.

1. Install on your phone the **DisplayHotSyncID.prc** file that came with the ScheduleCare application.
2. Go to the applications launcher and tap **DisplayHotSyncID**.

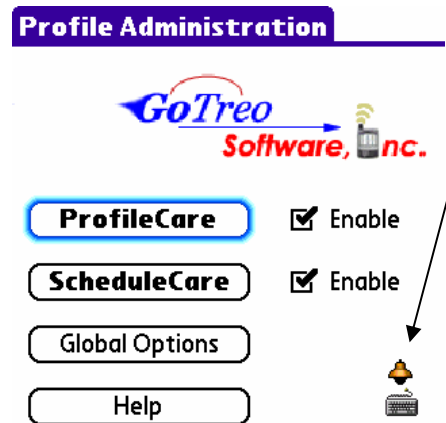
Your HotSync ID will appear on the screen.



Setting up ScheduleCare/ProfileCare

To enable ScheduleCare/ProfileCare:

1. Go to the applications launcher and tap the **ProfileCare** icon.
2. Use the checkboxes to enable each type of setting control you'd like to use.
3. Set any desired preferences.



This shows the current state of the keyboard backlights (on or off) while you are working inside the application. You can change the state by selecting the icon (Treo650 only). For more information, refer to the [The Display tab](#) section.

Check this to enable timed and device profiles

Check this to enable calendar profiles

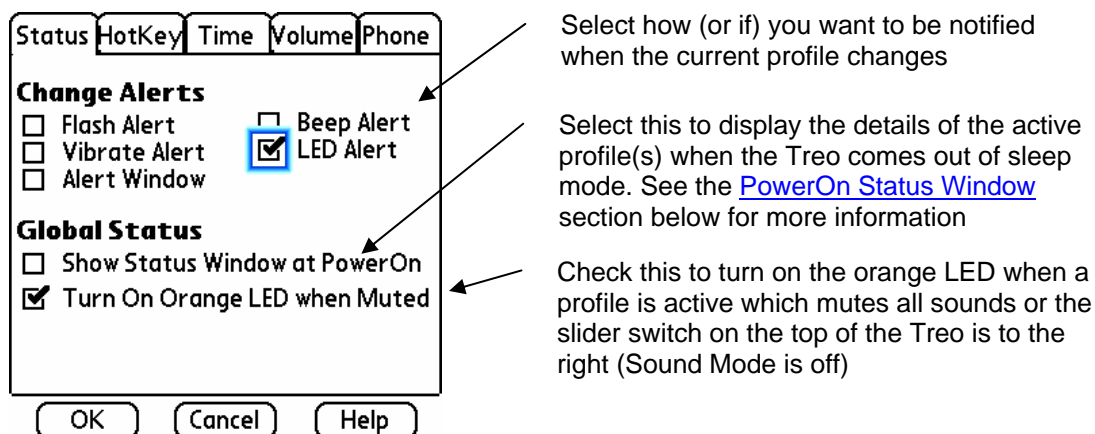
Select this to update general options

Global Options

With the Global Options screens, you can make adjustments that apply to all of the other features.

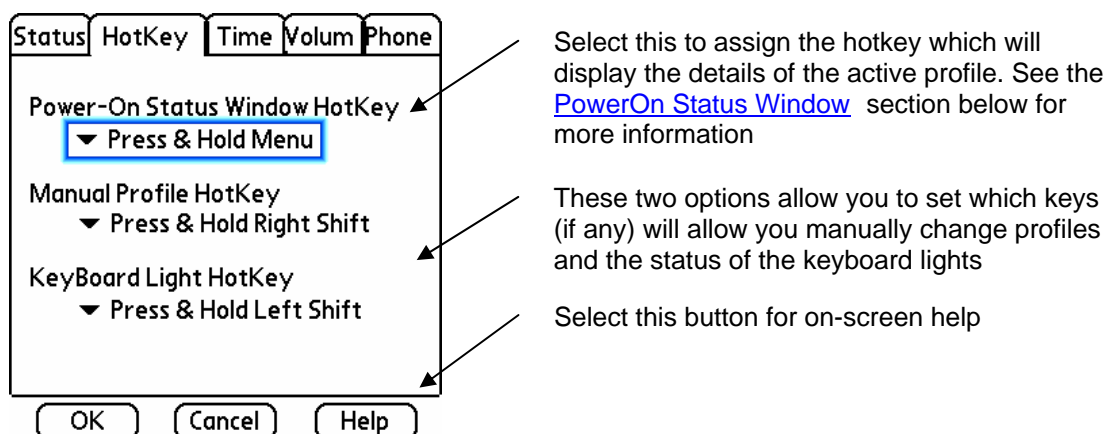
Alerts

The first screen (the **Status** tab) allows you to set notification options.



Hot Key Assignments

When you press the **HotKey** tab, the second screen of options will be displayed. These allow you to set hotkey preferences.



System Time

The third, or **Time** tab, enables options to set automatically set the Treo's system clock.

Status HotKey Time Volume Phone

☒ Keep System Clock Current **Set**

Update Start Time: 6:05am

Time Change Threshold: 30 Seconds

DST: min to add to current time
60 Minutes (typically 60)

☒ No Updates while Roaming

OK Cancel Help

The **Set** button will allow to you update the clock using the Internet servers

ScheduleCare/ProfileCare will connect to the Internet every day at this time in order to get the current time from Internet servers. The phone radio must be turned on for the update to happen. You must hit the **Ok** button to save any changes to the start time before you press the **Set** button.

If the difference between Treo time and Internet time is less than this value, the Treo time will not be changed

If you need to adjust the time for Daylight Savings Time (only certain worldwide locations), you can do that here

Check this to prevent Internet access while roaming

Volume Options

On the **Volume** tab, you can adjust the default listening volume for your Treo.

Status HotKey Time Volume Phone

Listening Volume Adjustments

☒ Handset _____ T

☒ Speaker Phone _____ T

☒ Back Speaker _____ T

☒ HeadSet _____ T

☒ Stereo Headphones _____ T

OK Cancel Help

You can adjust the listening volume for the handset, speaker phone, speaker on the back of the Treo, the headset, and stereo headset with the slider controls here

Low Battery and Phone Options

On the **Phone** tab, you set options for the phone radio and alert notifications.

Check this to keep things quiet during phone calls

☒ Disable Alerts During Phone Calls

☒ Detect Low Battery @ 10 %

☒ Phone off if signal lost for: 5 min
Recheck Every: 5 min

OK Cancel Help

If the **Detect Low Battery** option is checked, ProfileCare will activate a special profile called **Low Battery** when the battery level falls below the value you've chosen here (the default is 30%). This profile makes a number of adjustments to minimize power consumption until you get a chance to charge the battery.

When the **Low Battery** profile is activated, ProfileCare will display a **Low Battery** button on the screen for the first two seconds after turning the screen on. If you tap on one of the icons on either side of "**Low Battery**", ProfileCare will display the [PowerOn Status Window](#) screen below for 10 seconds to show you the current status.

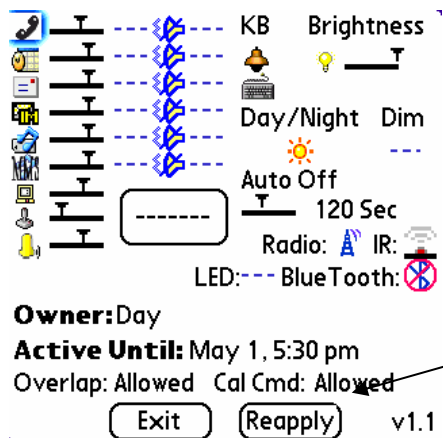
Note: The **Low Battery** profile is supplied with the release and must not be deleted if this option is checked. For more information, see the [Manual Profiles](#) section.

If the **Phone off if signal lost for:** option is checked, the application will monitor the phone signal strength and turn off the phone radio when you leave a coverage area for longer than the number of minutes specified here (the default is 5 minutes). This is another battery saving feature as extra power is consumed when the Treo is searching for a signal. ScheduleCare/ProfileCare will check for a signal again after the number of minutes you choose (the default is also 5 minutes).

PowerOn Status Window

When the **PowerOn Status Window** option on the **Global Options Alerts** screen is checked, ProfileCare will display an **Active Profiles** button on the screen for the first two seconds after turning the screen on. If you tap on one of the icons on either side of “**Active Profiles**”, ProfileCare will display the screen below for 10 seconds to show you the current status.

Even if this option not checked, you can still use the selected hot key to display the **PowerOn Status Window** (see the [Hot Key Assignments](#) section). When using the hot key, the window will be displayed for 10 seconds or until you press the **OK** button. Press anywhere else to cancel the 10 second timeout.



Select **Reapply** to apply all active settings in case you've made changes outside of ScheduleCare or ProfileCare

Although you can't change the settings on this screen, you can use your 5-way navigation pad to scroll through each of them. As you move to each icon, the bottom section of the screen will change to show which profile or command caused that setting to be in effect (the profile or calendar command that “owns” that setting). This portion of the screen will also show how long this command setting will be active. If this command is controlled by a timed or a manual profile, the rules governing overlapping profiles and calendar commands are also shown.

ProfileCare Timed profiles

Timed profiles are just that – profiles that automatically start and stop on the days and times that you choose. With timed profiles, ProfileCare will allow your Treo to automatically configure itself for the typical situations you experience every day – commuting, lunch, work, social activities, etc. Once they are created, they just run automatically and don't require you to do anything else.

Because these profiles can overlap one another (called nested profiles), when each profile ends, it restores the various preferences to their previous setting. This makes combining profiles very powerful and helps avoid the need to create extra profiles for specific, unique tasks.

Note: When profiles are nested, only the individual preferences that are common between them are overridden. For example, if profile A only sets the SMS alert tone and profile B only sets the display brightness, there is no overlap or interaction between them (these are not considered nested profiles). On the other hand, if profile B also sets the SMS alert tone and is nested by profile A, then the profile B SMS alert tone will override the setting in profile A.

Profiles Included with ProfileCare

ProfileCare comes with some example profiles which you are free to keep as is, or modify as needed. These profiles are described below, but refer to the [Creating new profiles with the Profile Manager](#) section for more details on the individual settings that are available.

Note: The profiles included in the ProfileCare release are intended to help you get up and running quickly. If you would rather thoroughly understand the profiles first, it is suggested you disable ProfileCare capabilities on the main screen (see the [Setting up ScheduleCare/ProfileCare](#) section). You can then view each of the profiles in detail (see the [Creating new profiles with the Profile Manager](#) section) without changing your current settings. Once you are ready, simply turn the ProfileCare back on.

Timed Profiles

Default state

This is the lowest layer, or base profile – all other profiles build upon this one. The main purpose is to set preferences that you want all the other profiles to share and probably won't change very often. However, if you do want to change them, you'll only need to update one profile – the **Default state** profile.

This profile runs every day from 12:01am to 12:01am (in other words, constantly). The primary preferences set are to turn on the phone radio, turn off the Bluetooth radio and IR beaming, turn off the screen after two minutes of inactivity, and turn on vibrations when Sound Mode is off (slider switch on the top of the Treo is to the right).

Note: It is best not to have a profile start exactly at midnight since ProfileCare wakes up at 12:00:01am to scan the calendar and profiles for entries for the new day. This is why the **Default state** profile starts at 12:01am.

By turning on the phone radio in this profile, it will be automatically turned back on should you ever have to reset your Treo. It also includes settings for the other preferences so that all preferences will have a default. Because other profiles can be layered on this profile, these settings can be overridden, but will always have a default.

Keep in mind this concept of layered profiles (or nested profiles depending on your viewpoint) as it's key to easily creating, managing and maintaining a powerful combination of settings to fit your life.

Day

This profile runs from 6:00am until 7:00pm every day and is designed for a typical brightly lit environment with some minimal background noise. The volume for each sound setting is above the halfway point from off to loud (obviously feel free to change this to suit your typical environment). The display settings are at the maximum brightness, all screen dimming and the keyboard lights are turned off, and the display is in Day mode. When the profile starts, it will ensure the Bluetooth radio (Treo650 only) is turned off to save battery power (the Bluetooth radio has its own profiles shown below – the "Commute ..." profiles).

Note: It is best to not have two nested profiles (with settings in common) start at exactly the same time because ProfileCare will apply the settings from the profile you created first. Therefore, the results may not be what you expected.

Commute (am)

This is a profile which runs from 6:55am until 9:00am Monday through Friday and is designed for your morning commute to work. Whether you take a train or have music playing in the car, you'll likely want the volume turned up so you'll notice over the surrounding noise. That's why almost all the sound settings are at maximum volume and the Treo will vibrate if Sound Mode is off. Because you might receive or make phone calls with your Bluetooth headset, the Bluetooth radio is turned on when the profile starts.

Note that when this profile finishes at 9:00am, ProfileCare will restore the settings of the underlying **Day** profile. Because the Bluetooth radio was turned off in that profile, it will automatically turn off at 9:00am (or right after you finish your 9:00 phone call!).

Commute (pm)

This is just like the **Commute (am)** profile except that it runs from 5:30pm until 7:00pm so your Treo is set for the evening commute. The other differences are that the brightness is dimmed slightly (so it doesn't blind you when it's dark outside) and the keyboard lights are automatically turned on.

Night

The **Night** profile is set for your arrival at home and runs every day from 7:00-11:30pm. The lights are dimmed and the volume is reduced from the **Commute (pm)** profile settings. The keyboard lights are on, the display is in Night mode, and the Bluetooth radio is turned off.

Overnight

Finally, the **Overnight** profile runs every day from 11:30pm until 6:00am the next day. The brightness is brought down to minimal levels, all sounds (except for alarms) are set to low volume, the keyboard lights are turned on, the screen is in Night mode, and the phone radio, Bluetooth radio, and IR beaming are all turned off to save battery power.

This profile does not allow nesting which will prevent any other profile from modifying settings common to the **Overnight** profile. However, it will not prevent other profiles (such as **Backup** mentioned below) from setting preferences which are not common. For example, this would allow the **Backup** profile to perform a soft reset in preparation for running backups. Because **Overnight** is still running, it will keep the phone radio off.

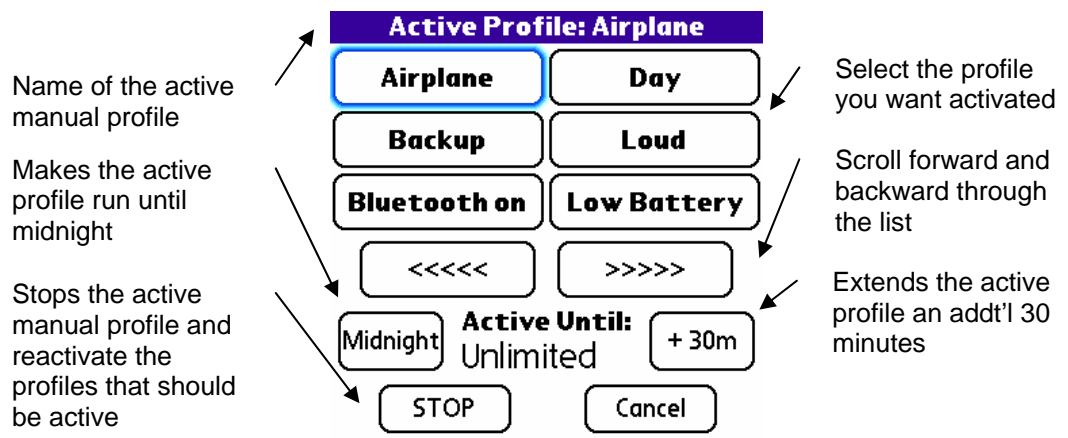
Manual Profiles

Manual profiles are just that – profiles that are not set to run on certain days at certain times, but rather just when you ask for them and for as long as you want them to be active. For that reason, they are best for those unexpected or unscheduled events. With just a couple button presses, you can make your Treo set for a meeting, a flight, or completely silent.

Note: All of the timed profiles (except for **Default state**, **Commute (am)**, and **Commute (pm)**) can also be used as a manual profile. For example, this is useful when you want your weekday work profile active while working on the weekend.

To make a manual profile active, use the hotkey you defined in the [Hot Key Assignments](#) **Enable Hotkey Profile Switch** setting. The following **Profile Manager** screen will be displayed. On this screen, you can activate a manual profile, stop a manual profile, or extend the duration of a profile.

Note: A manual profile will remain active until it is manually stopped, reaches the end of its duration, or a timed profile with overlapping commands executes (and the manual profile allows nesting). Manual profiles may remain in effect indefinitely until manually stopped if the profile does not allow nesting and the duration is set to "Unlimited" (the default).



You can set or extend the duration of the current manual profile using either the **Midnight** or **+30m** buttons on the **Profile Manager** screen above. After you press the **+30m** button, the **Midnight** button will change to **-15m** allowing you to change the duration in 15 minute increments.

Tip: You may choose to rename these profiles to put them in a particular order if you find yourself using certain ones more than others. Because the profiles will be shown alphabetically on the **Profile Manager** screen, naming the profiles like this would put them in a custom order:

A-Meeting
B-Lunch
C-Movie
D-Airplane
... and so on

Airplane

The **Airplane** profile does just what you expect it would – makes sure the phone and Bluetooth radios are off. It does not allow nesting which will ensure that the radios stay off while on the flight.

Backup

The **Backup** profile is created for the purpose of running backups on your Treo. It first turns the phone radio off and then performs a soft reset in preparation for running the backup application. This profile does not allow nesting so that the backup operation will not be disturbed. You may find it more useful to make this a timed profile that will run at the time you normally do backups.

Bluetooth on

The **Bluetooth on** profile does nothing more than turn the Bluetooth radio on (Treo650 only). It's provided simply as a convenience. This profile allows nesting.

Loud

The **Loud** profile is for those times when you need your Treo to get your attention any way it can. For this reason, all sounds are at their maximum volume and the phone will vibrate whether Sound Mode is on or off (the slider switch on the top of the Treo). This profile does not allow nesting.

Low Battery

This is a special profile automatically used by ProfileCare when the **Detect Low Battery** option is checked on the [Low Battery and Phone Options](#) screen. ProfileCare will activate this profile when the battery level falls below the value you've chosen there. This profile will bring the sound volume to minimal levels, turn off all vibrate options, bring screen brightness down to minimal levels, turn off the keyboard lights and screen dimming, and set Auto Off to 15 seconds,. Finally, it will also turn off IR beaming and the phone and Bluetooth radios to save all possible battery power.

When the **Low Battery** profile is activated, ProfileCare will display a **Low Battery** button on the screen for the first two seconds after turning the screen on. If you tap on one of the icons on either side of "**Low Battery**", ProfileCare will display the [PowerOn Status Window](#) screen for 10 seconds to show you the current status.

Note: The **Low Battery** profile is supplied with the ProfileCare release and must not be deleted if the **Detect Low Battery** option is checked.

Lunch

The **Lunch** profile is designed so that you'll hear it in a busy restaurant or cafeteria where there is a great deal of background noise. For this reason, all sounds are at their maximum volume, and the phone radio is kept on. The phone will vibrate only when the Sound Mode is on (the slider switch on the top of the Treo is to the left). This profile does not allow nesting. The default duration is 1 hour.

Meeting

Just like on other phones, the **Meeting** profile mutes all sounds to avoid any distractions although it will vibrate whether Sound Mode is on or off. It does not change the display or other settings, so other profiles active at the time (for example, **Day** or **Night**) will control those. This way, the display will be adjusted for the time of day (by the **Day** or **Night** profile) but the **Meeting** profile will keep things quiet. This profile does not allow nesting, so no other profile or calendar command will change the sound settings while it is active. The default duration is 1 hour, but this can easily be changed to suit your needs.

Movie

The **Movie** profile does just what you would expect – it mutes all the sounds but leaves vibration turned on even when Sound Mode is off (the slider switch on the top of the Treo is to the right). It also dims the screen to 40%, sets Auto Off to 30 seconds, turns the keyboard lights and screen dimming on, sets the display in Night mode, and turns off the LED. It does not allow nesting, so you will need to stop the profile after the movie. The default duration is 2 hours and 30 minutes – long enough for most movies.

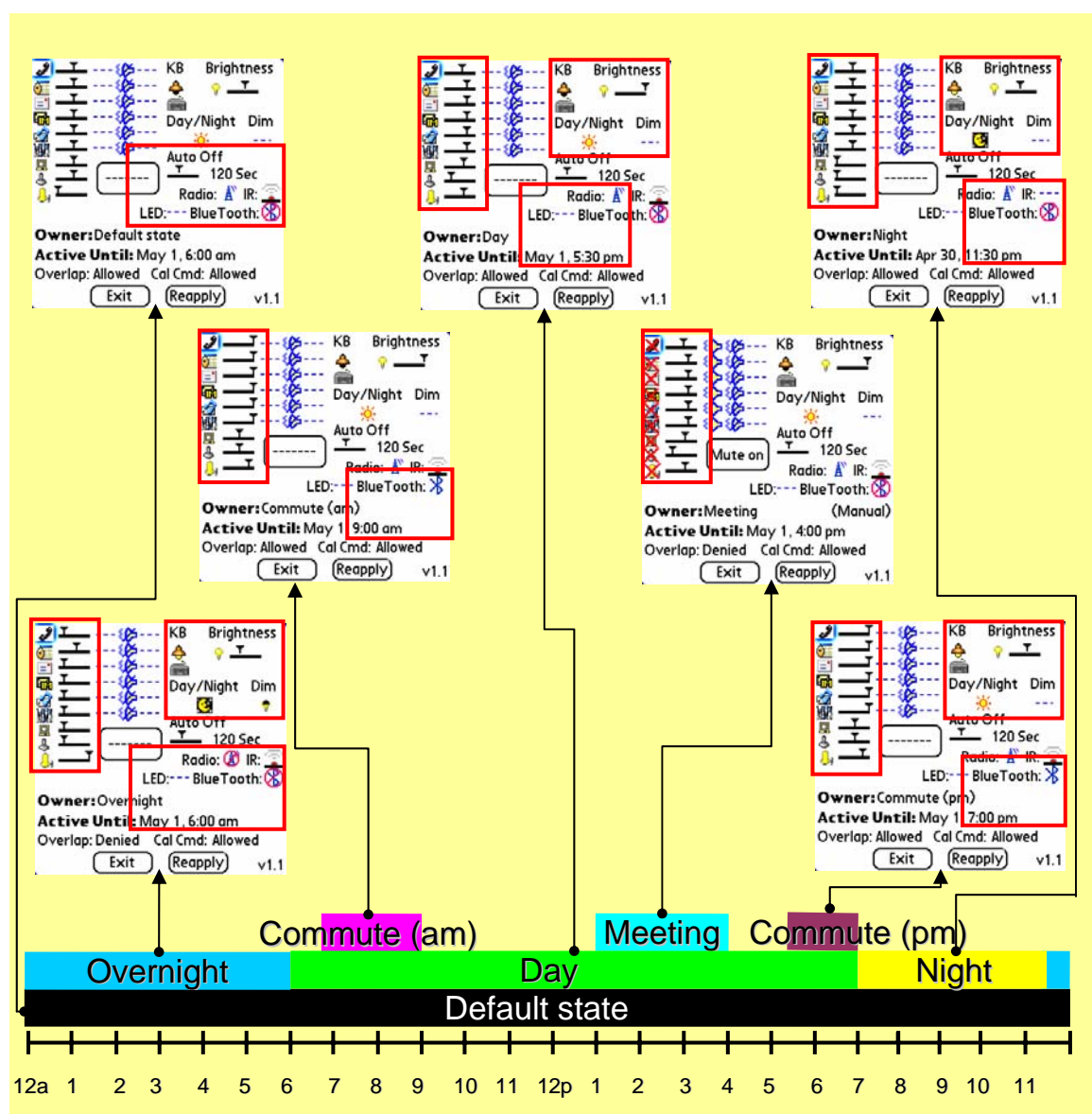
Silent

The **Silent** profile is there for those times when you don't want to be disturbed by anything. This profile mutes all sounds and the vibrations whether Sound Mode is on or off (the slider switch on the top of the Treo). It does not allow nesting, so the Treo will remain quiet until you manually stop the profile.

Putting It All Together

The following diagram may be useful to understand the timed profiles that were described above. Note that the significant changes in each profile are highlighted like **this**.

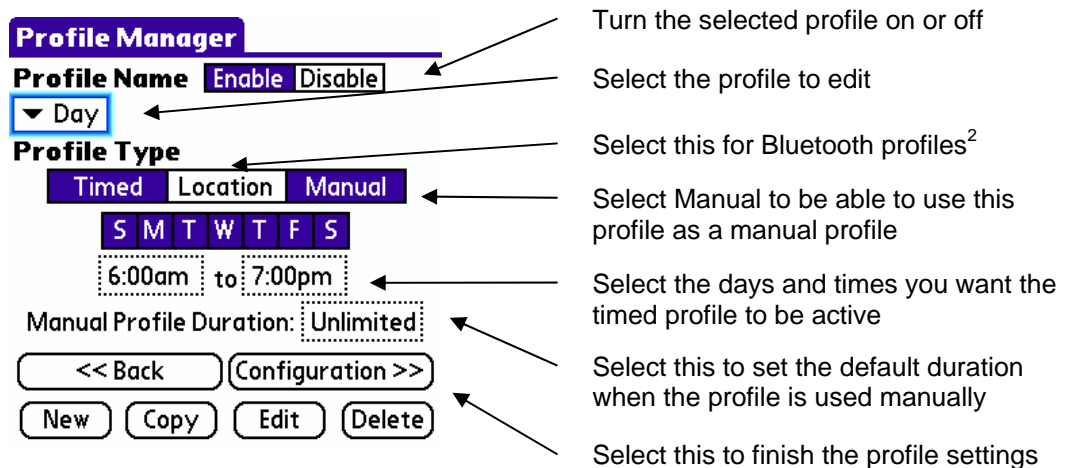
Again, these are just examples to show you how to make the most from your Treo and ProfileCare's abilities. Feel free to modify them as needed to suit your life. You are encouraged to be creative and create some of your own – you know what fit your needs best!



Creating new profiles with the Profile Manager

If you'd like to modify a profile or create a new one, you start on the **Profile Manager** screen. You may create an unlimited number of profiles to meet your needs.

1. To create a new profile, select **New**. A popup menu will ask you to name it.
2. To modify a profile, select it from the drop down profile list. The Profile Type section of the screen will change to reflect the type of profile, what days and times it is active, and whether or not it's enabled. You can change the name of the profile with the **Edit** button and **Delete** will delete the currently selected profile. The **Copy** button will allow you to copy a profile and give it a new name.
3. To adjust the rest of the profile settings, select the **Configuration>>** button.



The **Profile Type** is used to indicate whether you want a particular time schedule for this profile to be active (select the **Timed** box), a location based on your Bluetooth (Treo650 only) neighborhood (the **Location** box)⁵, or whenever you choose (the **Manual** box). At least one of these must be selected. Only profiles with the **Manual** option selected will appear when you use the profile chooser hotkey (see the [Hot Key Assignments](#) section).

⁵ Bluetooth profiles are not yet supported, but will be included in a future release

After you select **Configuration>>**, you can make adjustments for all the sound events, display controls, phone and Bluetooth radios, and other profile options on the next few screen tabs.

Note: A “---” selection means “don’t change the setting”. Whatever setting was in effect before the profile started will remain unchanged.

The Sounds tab

The Sounds tab allows you to select the volume (including mute) for each of the sound sources (phone, calendar, games, etc). You can also select the tones for the phone, calendar, email, IM, SMS, and MMS sources.

You can also silence all the sounds at once using the Mute All button.

Source

Phone

Calendar

Email

IM

SMS

MMS

System

Game

Alarms

Sounds

Display

System

Options

Mute Off

Vibrate Sound off

OK

Cancel

Help





Tone selection (you choose the specific tone on a popup menu)

The Mute All button

Vibrate control when Sound Mode is on

Vibrate control when Sound Mode is off

Note: The two vibration controls deserve special mention. The one on the left controls the vibration (on or off) when the slider switch on the top of the Treo is to the left (Sound Mode is on). The one to the right controls the vibration when the slider switch is to the right (Sound Mode is off). Separate controls allow you to, for example, always vibrate when Sound Mode is on and/or never vibrate when Sound Mode is off (to keep the Treo completely quiet).

	Sound Mode On (slider switch to the left)	Sound Mode Off (slider switch to the right)
Vibration on		
Vibration off		

For each of the Phone, Calendar, Email, IM, SMS, and MMS sound sources, you can also select the ringtone to use. When you select that field, a screen like the following will appear to allow you to make your selection.

Tone Manager

Phone
Known Caller
▼ Alarm
Unknown Caller
▼ Alert Waterfall

Select the tone from the drop-down list

OKCancel

The Display tab

The Display tab allows you to change the screen brightness, how quickly the screen turns off after inactivity, when the keyboard lights should be on, whether or not screen dimming should happen, and Day or Night mode.

SoundsDisplaySystemOptions

Screen brightness

How quickly the screen turns off, always stays on, anything in between, or always on when plugged in

See notes on Auto Keyboard Lights below

This will control screen dimming. Every 30 seconds of inactivity will result in a 50% reduction in screen brightness until the brightness level is almost off

This will invoke Day/Night mode for screen dimming. This is the Treo's built-in function that is triggered with Option-P (Treo600) or Option-RightShift (Treo650).

OKCancelHelp

Auto Keyboard Lights

You can choose one of the following for the Auto Keyboard Lights option.

- ---

This means that the keyboard lights setting should not be changed. The first profile or calendar command that changes the state of the keyboard lights will save the default state before making the change. The last profile or calendar command to exit will return the keyboard lights to their original state.



The yellow light bulb enables always-on keyboard lighting. This means that whenever the screen is on, the keyboard lights will be on as well.



The partially darkened bulb will invoke automatic keyboard lighting. When you press a keyboard key, a hard button, the 5-way navigator, or the side button (Treo650 only), the keyboard lights will illuminate. They will remain lighted for 10 seconds after the last key press.



The black light bulb disables automatic keyboard lighting which means the keyboard lights will never be illuminated.

Note: If the keyboard hotkey option is enabled on the **Global Options Alerts and Hot Key Assignments** screen, the hotkey will override the setting in the active profile(s). In particular,

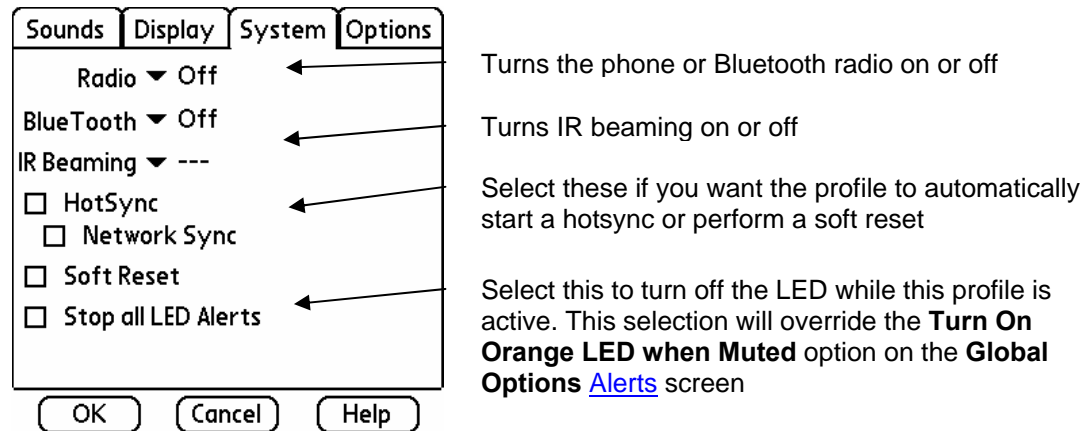
- If the keyboard lights were off, the lights will turn on and stay on until you press the hotkey again or the Treo goes to sleep
- If the keyboard lights were on, the lights will immediately turn off. The keyboard will illuminate on your next key press.

The System tab

On this screen, you can set the profile to automatically ensure the phone and Bluetooth (Treo650 only) radios are on or off, turn IR beaming on or off, and set up an automatic hotsync or an automatic soft reset.

Note: When using a profile to turn on the Bluetooth radio or initiate a hotsync, you might see an incompatibility between ProfileCare and other applications. In particular, applications which lock the keyboard such as the Treo Keyguard function or an application like mSafe from MotionApps (www.motionapps.com). The conflict arises because the keyboard is locked when ProfileCare issues the keystrokes to control the Bluetooth radio or HotSync application. This may cause unexpected error messages and/or inability to control the Bluetooth radio or HotSync application, but no other harm.

Unfortunately, PalmOne has not yet provided a clean way for 3rd-party applications to control these functions which leaves “keystroke emulation” the only available option. A better solution is desired, but just not available yet.



▪ HotSync

Check the HotSync options if you'd like the profile to automatically start a hotsync operation. Note that this will only occur once while this profile is active. If you normally do a hotsync over a network, check that option. Otherwise, the hotsync will be performed with the current settings of the Treo's HotSync application.

- **Soft Reset**

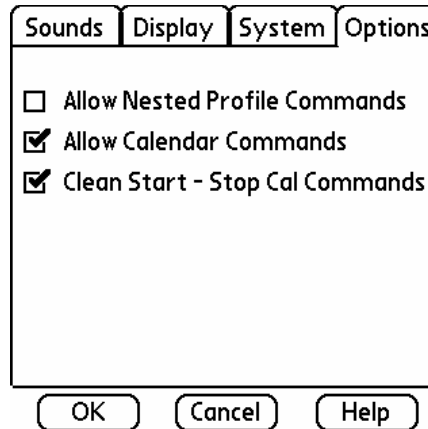
Select this option if you would like a soft reset to occur when this profile starts. Note that this will only occur once while this profile is active. After that, it will not do it again unless you make a change to this profile since making the change causes ProfileCare to re-execute all the commands associated with the profile.

A soft reset is often used in preparation for certain SD card backup applications, but is also useful as a maintenance feature for your Treo. During a soft reset, all temporary files on the Treo are deleted which can free up some memory and often helps prevent unexpected resets or other problems.

When the profile resets the Treo, ProfileCare will wait for 30 seconds (it always does this) after the reset before it enables itself. It will automatically reapply the profiles and/or calendar commands that were active before the reset. No matter what settings are changed outside of ProfileCare during a profile, ProfileCare will always restore the profile settings after a reset.

The Options tab

This screen shows the final set of options for each profile.



The screenshot shows a dialog box with four tabs: 'Sounds', 'Display', 'System', and 'Options'. The 'Options' tab is selected. Inside the dialog, there are three checkboxes: 'Allow Nested Profile Commands' (unchecked), 'Allow Calendar Commands' (checked), and 'Clean Start - Stop Cal Commands' (checked). At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Help'.

- **Allow Nested Profile Commands**

This option enables profiles to overlap or layer upon one another. This is useful when you want a new profile (timed or device) to alter just a few of the settings of the profile(s) running when the new profile (the one you are creating) is activated. If you do not want the new profile settings changed, don't check this option.

When the new profile starts, it will only change those settings defined in it and leave all the other ones unchanged. Because the previous profile(s) had the **Allow Nested Profile Commands** option checked, the new profile settings will take precedence over the same settings in the previous profile(s). When the new profile completes, all of the previous settings will be restored. In this way, the new profile is layered on top of the previous profile(s).

If a new profile is scheduled to start while another profile that does not allow nesting is running, the new profile will be activated when nesting is allowed again assuming that happens before the new profile is scheduled to finish. It is possible that the new profile could be permanently blocked from executing if currently running profiles never allow nesting.

- **Allow Calendar Commands**

Similar to nested timed profiles, this option allows commands defined as part of the appointments on your calendar to alter the current profile settings. For example, this would be useful to put the Treo in “quiet” mode during important meetings. If the meeting appointment is moved on the calendar, the settings will move with it.

- **Clean Start – Stop Cal Commands**

This option will clear all calendar-based commands before this timed profile is started. Checking this option will allow calendar commands to override any of this profile's settings, but any calendar commands that are active at the time this profile begins will first be stopped and replaced with the settings in this profile. After this profile has become active, it will allow **future** calendar commands to override any of its settings. It is a way to make sure this profile applies all of its settings at the time it starts.

As you can tell, the **Allow Calendar Commands** and **Clean Start-Stop Cal Commands** are related to one another. For example if you check the **Allow Calendar Commands** but do not enable **Clean Start-Stop Cal Commands**, any settings common to both the profile you are defining and the already running calendar command will **not** be run in the new profile. Instead, the calendar commands will continue to run.

Conversely, if you enable **Clean Start-Stop Cal Commands**, then all commands common to both the running calendar entry and the new profile will be run by the profile and the common calendar commands will be stopped. Future calendar commands will be allowed to change command settings made by this profile.

Disabling **Allow Calendar Commands** will prevent all common calendar commands present and future from changing the profile settings.

The ScheduleCare Calendar Manager

ScheduleCare provides calendar-based control over the settings on the Treo to provide additional automation and flexibility. By defining commands for the appointment, you can be assured they will be applied when the appointment arrives – even if it's moved on the calendar.

ScheduleCare Calendar Manager Options

The ScheduleCare Calendar Manager screen allows you to define options which apply to commands defined in the appointments in your Treo's Calendar database.



ScheduleCare

Appointment Conflict Rules

☒ Daily Overrides Repeating

☐ Allow Overlapping Appointments

General Settings

☒ Zero Volume gets Vibrate Set

☒ Notes Overrides Description

☒ Allow Zero Length Appointments

<< Back Category Commands

- **Daily overrides Repeating**

Select this checkbox if you want commands entered in one-time Calendar events to take precedence over commands entered in repeating Calendar events.

- **Allow Overlapping Appointments**

If you have overlapping Calendar entries which include commands, ScheduleCare will run the earlier entry only. Select this checkbox if you would like ScheduleCare to run the nested calendar command.

- **Zero Volume gets Vibrate Set**

Select this checkbox if you would vibrate settings turned on whenever the **!SCA0!** (turn off all sounds) is run.

- **Notes override Description**

Select this checkbox if you want commands in event notes to take precedence over commands entered in the event's subject line.

- **Allow Zero Length Appointments**

By default, ScheduleCare will interpret calendar entries that start and stop at the same time as events which are 24 hours long. Check this option to have ScheduleCare ignore these entries.

- **Category button**

Select this button to set up category-based commands. See [Linking commands to a category](#) for more information.

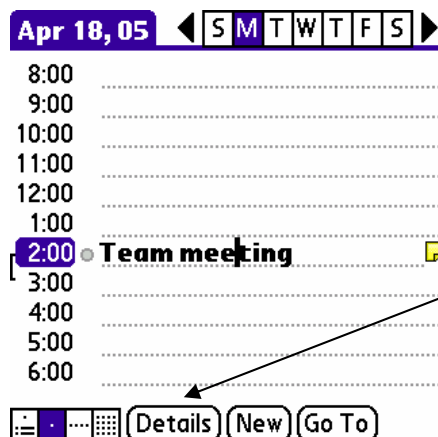
- **Commands button**

Select this button to see a complete list of commands. See [ScheduleCare command list](#) for more information.

Entering commands in your Calendar

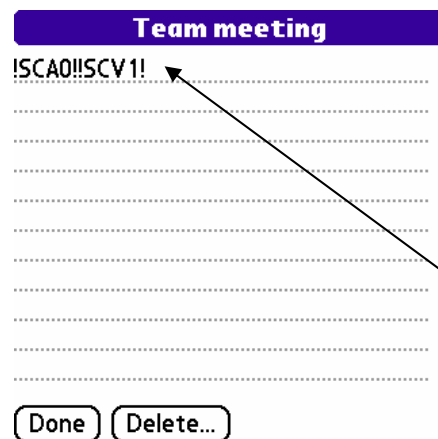
Let's say you have a work meeting scheduled in your calendar from 2pm to 3pm. You would like to automatically turn your phone's sounds off and turn vibrate mode on during the meeting, and then restore your phone's settings when the meeting ends.

1. Select the event in the Calendar application.



Tap the Details button and then tap the Note button

2. Tap the **Details** button.
3. Tap the **Note** button and enter **!SCA0! !SCV1!**



You can enter calendar commands in an event's note (as shown here), or directly in the event's description. When commands are in both the note and description, the precedence is determined by the **Notes Override Description** option in the **Calendar Manager** options (see [Calendar Manager Options](#))

!SCA0! turns all sounds off
!SCV1! turns vibrate mode on

For a complete list of commands, see [ScheduleCare Command List](#)

4. Tap the **Done** button.

Note: If **Zero Volume gets Vibrate** is enabled in the [ScheduleCare Calendar Manager Options](#), the **!scv1!** command is not needed.

At the appointed time of 2pm, ScheduleCare will automatically turn your phone sounds off and turn vibrate mode on. At 3pm, ScheduleCare will automatically restore your phone to the settings defined by the currently active timed, manual or device profiles.

ScheduleCare command list

To see a list of available commands, tap the **Commands** button from the ScheduleCare options screen (see the [ScheduleCare Calendar Manager Options](#) section).

Commands

Command Format
!SCxy! !SC is the attention string
x is the command character
y is the command argument

Commands
A Master Volume for ALL sounds
V Master Vibrate for ALL sounds
P Phone Sounds
C Calendar Sounds
E Email Sounds
S SMS Sounds
M MMS Sounds
I IM Sounds

More >>

<< Return

Commands

Commands
R Phone Radio Control
B BlueTooth Radio Control
D Display Brightness
H HotSync
Z Reset
K Keyboard

<< Return

Entering a basic command

A command starts with **!SC** , followed by a one-letter command character, sometimes followed by either a **0** (to turn it off) or **1** (to turn it on), and ends with a **!** .

Here are some examples of commands and what they do:

Command	What it does
!SCA0!	Turn off all (phone, calendar, email, SMS, MMS, and IM) sounds
!SCA1!	Turn on all sounds
!SCA0! !SCV0!	Turn off all sounds and all vibrations
!SCR0! !SCD0!	Turn off the phone radio and the display brightness
!SCH!	Initiate a HotSync
!SCZ!	Initiate a soft reset

Specifying particular volume levels and ringtones in a command

Not only can ScheduleCare turn on and off settings, it can also specify particular ringtones and volume settings.

For example, if you tap the **P** on the **Commands** screen, you will see the full list of Phone Sounds options you can set:

Commands

Command Format

!SCxy! !SC is the attention string
x is the command character
y is the command argument

Commands

- A** Master Volume for ALL sounds
- V** Master Vibrate for ALL sounds
- P** Phone Sounds
- C** Calendar Sounds
- E** Email Sounds
- S** SMS Sounds
- M** MMS Sounds
- I** IM Sounds

More >>

<< Return

Tap the P to see more information about the Phone command

Command Format

Phone Sounds

`!scPSxVyK(tone)U(tone)!`

This screen shows all the possible parameters for the Phone command

S - Sound volume level

x - is a number between 0 and 7

V - Vibrate toggle

y - is either a 1 or a 0. 0 - no vibrate

K - Known caller tone (must have ('s)

tone - is an installed tone name.

U - Unknown caller tone (must have ('s)

tone - is an installed tone name.

OK

For example, entering the command

`!SCPS7V0K(Klavier)U(Ringer Quick)!` would specify:

- Turn the phone volume to the maximum of 7
- Turn vibrate mode off
- For known callers, use the ringtone named "Klavier"
- For unknown callers, use the ringtone named "Ringer Quick"

Order in which commands are run in a single Calendar entry

You can enter multiple commands per calendar entry. Regardless of the order in which they are entered, ScheduleCare will execute them in the following order:

- A (all sounds)
- V (all vibrations)
- P (phone sounds)
- E (email sounds)
- C (calendar sounds)
- I (IM sounds)
- M (MMS sounds)
- S (SMS sounds)
- R (phone radio control)
- D (display brightness)
- Z (reset)
- H (HotSync)
- B (BlueTooth radio control – Treo650 only)
- K (keyboard lights)

Linking commands to a category

It would be pretty tedious to manually enter commands such as **!SCA0!** **!SCV1!** for each meeting scheduled in your Calendar.

That is where the **Category Manager** comes in handy. Simply specify a certain set of commands for a category, and from then on any Calendar event that is assigned to that category will automatically run that set of commands at the appointed time.

Note: **Category Manager** works in the Treo600 only if you have an application like DateBk5 installed that lets you assign categories to appointments (the native Treo600 Calendar application doesn't allow you to do this). You do not need DateBk5 to use the **Category Manager** on the Treo650.

To link commands to a particular Calendar category:

1. Go to the main screen (see [Setting up ScheduleCare/ProfileCare](#)) and tap the **ScheduleCare** button.
2. Tap the **Category** button to open **Category Manager**.
3. Tap the **Enabled** checkbox at the top of the screen.
4. Tap a category from the Categories list, enter the corresponding commands on the **Command(s)** line, and then tap **OK**.

The screenshot shows the **Category Manager** interface. At the top, there is a title bar with **Category Manager** and a checked checkbox labeled **Enabled**. Below this, there are two columns: **Categories** and **Command(s)**. The **Categories** list includes Business, Incoming, Meeting (highlighted), Missed, Outgoing, Personal, and Unfiled. The **Command(s)** field contains the text **!SCA0!!SCV1!**. An **OK** button is at the bottom. Two arrows point from text annotations to the interface: one points to the **Enabled** checkbox with the text 'Select this checkbox to enable the Category Manager', and another points to the **Meeting** category with the text 'Then select a category and enter the commands you would like it to link to'.

Categories	Command(s)
Business	!SCA0!!SCV1!
Incoming	
Meeting	
Missed	
Outgoing	
Personal	
Unfiled	

OK

-
5. In your Calendar, assign this category to the desired event.

Event Details ⓘ

Time: 2:00 pm - 3:00 pm

Date: Mon 4/18/05

Alarm: ☒ 5 Minutes

Location:

Category: ▼ Meeting

Repeat: ▼ None

Private: ☐

OK Cancel Delete... ⓘ

Choose the Meeting category if you would like this event to run the commands !SCA0! !SCV1! from step 4.

When commands are in both the note and description, the precedence is determined by the **Notes Override Description** option in the ScheduleCare **Calendar Manager** options (see [ScheduleCare Calendar Manager Options](#) section)

The advantages of using DateBk5 with ScheduleCare

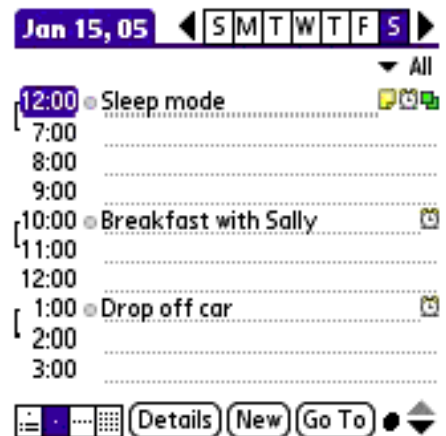
If you use DateBk5 (Pimlico Software, www.pimlicosoftware.com) instead of the default Calendar application that came with your Treo, you can take advantage of some DateBk5 features to manage your ScheduleCare commands.

Use hidden categories to lessen clutter in your Calendar view

Let's say you would like to create a "sleep mode" - to turn off your phone's sounds and display when you go to sleep every night and then automatically turn them back on right when you wake up the next morning.

Using the default Calendar application, you would create an appointment called Sleep mode, let's say from midnight until 7am, with the commands **!SCA0!** **!SCD0!** entered in the event's note. You would make this a daily repeating appointment.

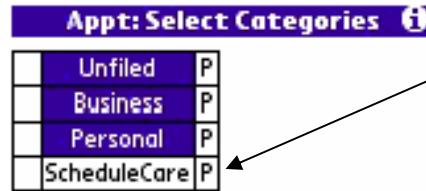
But what if you didn't want a Sleep mode appointment appearing on your Calendar every day? Use DateBk5's hidden category feature to hide the appointment from view.



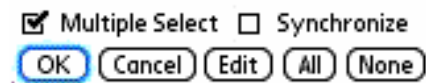
If you don't want this event to appear in your Calendar, use the DateBk5 hidden category feature

To hide ScheduleCare events using hidden categories:

1. In DateBk5, press the **Menu** button and then select **Appt. Categories** from the **Options** menu.
2. Select **Edit** and then select **New** to create a new category called ScheduleCare.
3. Tap **ScheduleCare** in the **Select Categories** window to deselect it, and then select **OK**.



Tap ScheduleCare in this list to deselect it

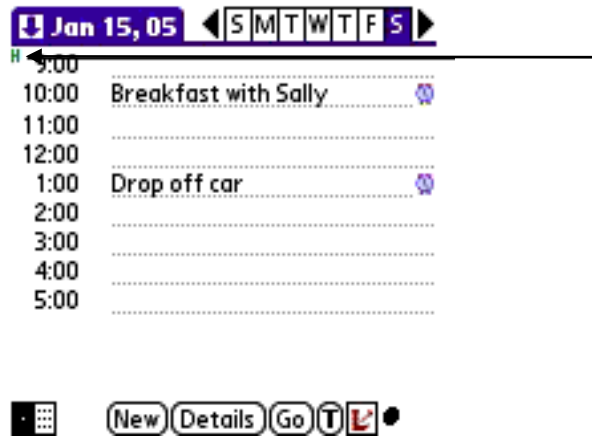


4. Assign the ScheduleCare category to your appointment called Sleep mode.



Assign the ScheduleCare category to your Sleep mode appointment

The Sleep mode appointment no longer appears in your Calendar, even though it will still run the ScheduleCare commands you have assigned to it in the note.



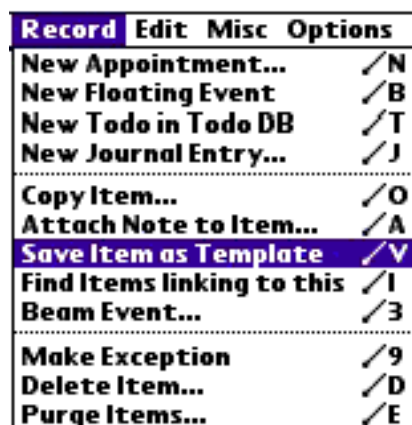
The Sleep mode appointment is now “hidden” in your Calendar. To show it, tap the small H at the top left of the DateBk5 calendar screen.

Use templates for quicker entry of ScheduleCare commands

DateBk5 lets you create *templates* so that you can enter the details of an appointment once and then re-use it over and over again. For example, you can create a Meeting template that includes the command **!SCA0!** (to turn all sounds off). Then whenever you wish to add a new meeting to your Calendar, just select your Meeting template, and you will never have to manually enter any ScheduleCare commands again!

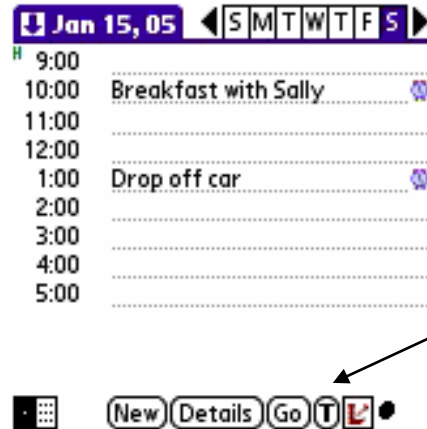
To create a DateBk5 template:

1. In DateBk5, enter the appointment as usual. Enter the desired schedule commands in either the appointment's description or note.
2. Press the **Menu** button, and then choose **Save Item as Template** from the **Record** menu.



To use a template to automatically create an appointment:

1. From the DateBk5 calendar screen, tap the **T** button to display the list of available templates, and then tap the template you want to add to your Calendar.



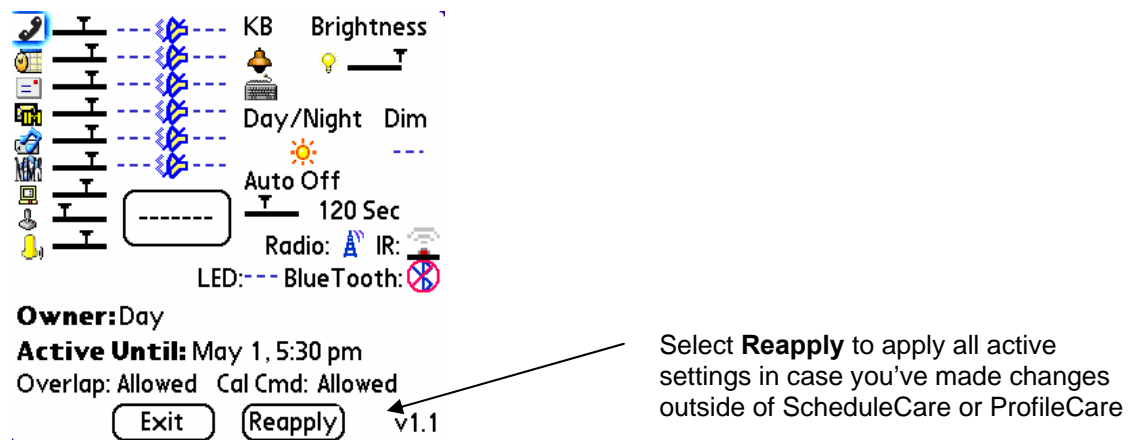
Tap the T button to select the template you wish to use

SC-HotKey

Included with ScheduleCare/ProfileCare is a separate application called SC-HotKey which will show you all of the current settings that are active as well as which profile created that setting. You can run this directly from the applications launcher window, but it is also integrated with the application itself.

When the **PowerOn Status Window** option on the **Global Options** [Hot Key Assignments](#) screen is checked, ProfileCare will display an **Active Profiles** button on the screen for the first two seconds after turning the screen on. If you tap on one of the icons on either side of “**Active Profiles**”, the application will display the screen below for 10 seconds to show you the current status.

Even if this option not checked, you can still use the selected hot key to display the **PowerOn Status Window**. When using the hot key, the window will be displayed for 10 seconds or until you press the **OK** button. Press anywhere else to cancel the 10 second timeout.



Although you can't change the settings on this screen, you can use your 5-way navigation pad to scroll through each of them. As you move to each icon, the bottom section of the screen will change to show which profile or calendar command caused that setting to be in effect (the profile or command that “owns” that setting). This portion of the screen will also show how long this command setting will be active. If this command is controlled by a timed or a manual profile, the rules governing overlapping profiles and calendar commands are also shown.

Frequently asked questions

- **If I schedule all sounds to be turned off for an hour, do I need to then create another command to turn the sounds back on at the end of that hour?**

No, you do not need to manually restore your pre-appointment settings. ScheduleCare saves the state of your settings before changing them, and then will restore them after the appointment is completed.

- **Since I have installed ScheduleCare/ProfileCare, my phone won't shut off. What am I doing wrong?**

If your Treo is behaving erratically after installation, try following these steps:

1. Perform a soft reset. This will cause the application to re-initialize it's internal memory and get a fresh start. If the problem persists, continue with step 2.
2. Go to the main screen (see the [Setting up ScheduleCare/ProfileCare](#) section) and disable both of the "Enabled" checkboxes
3. Exit the application
4. Uninstall ScheduleCare/ProfileCare
5. Re-install ScheduleCare/ProfileCare
6. Go to the main screen and select the "Enabled" checkboxes.

- **I set up a ScheduleCare command, but it didn't run. What did I do wrong?**

First, make sure you have ScheduleCare enabled (see [Setting up ScheduleCare/ProfileCare](#)). Second, make sure your Treo's ringer switch (located on top of your phone) is switched on.

- **I installed ScheduleCare/ProfileCare, but now I get a "Setup is incomplete! Please run ProfileCare or ScheduleCare immediately to complete the installation" error? What happened?**

This is an installation problem. The first thing you should do after installation is launch the ProfileCare application. What happened is that you ran SC-HotKey first but since it depends on ProfileCare to create and maintain the database files, SC-HotKey couldn't find them.

- **Is there a way to "reset" ProfileCare profiles?**

Yes, there is. In one or more of your timed profiles, check the **Clean Start – Stop Cal Commands** option on the **Options** tab (see [The Options tab](#) section).

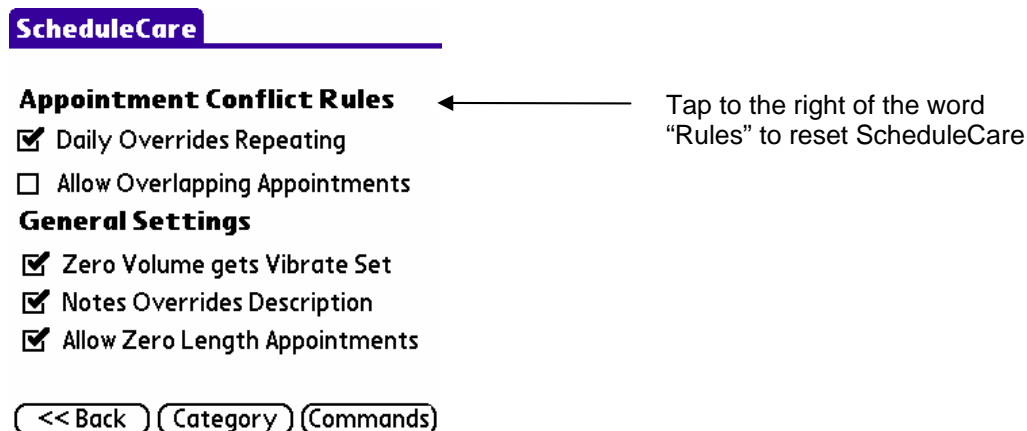
This option will clear all calendar-based settings before this timed profile is started. Checking this option will allow calendar commands to override any of this profile's settings, but any calendar commands that are active at the time this profile begins will first be stopped and replaced with the commands in this profile. After this profile has become active, it will allow calendar commands to override any of its settings. This will ensure this profile applies all of its settings when it starts.

- **Is there a way to "reset" ScheduleCare Calendar commands?**

Yes, there is. There is a "hidden" button on the **ScheduleCare Calendar Manager** options screen (see the [ScheduleCare Calendar Manager Options](#) section). Click it and it will "clear" all past calendar commands as well as any active running profiles.

Before using this hidden button, it is strongly recommended that you first disable both ScheduleCare and ProfileCare from the main screen (see [Setting up ScheduleCare/ProfileCare](#)). Exit the application and then re-start it from the Palm Launcher. Then, press this hidden button.

If don't follow these steps and you press the hidden button while any commands are running, you will loose all previous state information and you will loose the knowledge of start and end times for your active commands.



-
- **I want to use the Category Manager (see [Linking commands to a category](#)), but I don't see the Category list selector on my appointment details screen. What am I doing wrong?**

If you don't see the **Category** list selector, it means you are probably running the native Calendar application on a Treo600. To use the **Category Manager** on the Treo600, you need to use an application like DateBk5 that lets you assign categories to appointments. You do not need DateBk5 to use the **Category Manager** on the Treo650.

- **When ProfileCare changes profiles or ScheduleCare issues the Bluetooth radio command, why does it sometimes leave me on the Bluetooth screen?**

This is because the profile or calendar command requested the Bluetooth radio be turned on or off. Unfortunately, PalmOne has not yet provided a clean way for 3rd-party applications to turn Bluetooth on or off. ProfileCare and ScheduleCare do it by emulating your keystrokes which is why the Bluetooth screen remains on. A better solution is desired, but just not available yet.

- **Why does my Treo sometimes vibrate even when I have it turned off in the active profiles?**

This is because some third-party applications do not follow or use the default Treo preferences for volume, tone, and vibrate notifications. While ProfileCare can nearly always control the sound, it is much more difficult to intercept the vibrate notification, so those applications may cause sounds or vibrate notifications irregardless of the active profiles. Two examples of this are GoodLink (Good Technology, www.good.com) and ChatterEmail (Marc Blank, www.chatteremail.com). Both of these applications allow notification control from within their preferences options.

- **What if I have a question or want to report a bug?**

The best sources of information are Jeff Gibson's forums at TreoCentral.com and MyTreo.net:

<http://discussion.treocentral.com/forumdisplay.php?f=73>

<http://mytreo.net/forum/index.php/board/14.0>

For email inquiries, use GoTreo@wideopenwest.com

ScheduleCare/ProfileCare revision history

- **February 1, 2005**
Initial release of ScheduleCare v1 (calendar-based events only).
Documentation written by Jennie Tan.
- **April 5, 2005**
Initial release of ScheduleCare (calendar-based commands) with ProfileCare (time-based profiles). Documentation written by Tom VandenBerge.