

Stop Watch User Guide

This guide is an attempt to answer any and all questions that you might have. It will review all the features and hopefully help you make the most out of Stop Watch.

Modes: There are two modes to Stop Watch, which can be accessed by the two buttons at the top center of the screen. One mode is named “Stop Watch”, the other is named “Timer”. Stop Watch mode is where the clock counts up. You can add and delete laps and other stop watch related activities. The Timer mode is where the clock counts down. Here, you can set timers and alarms. Both of the modes will be covered in more detail below.

Stop Watch Mode: Access this mode by making sure “Stop Watch” is selected on the top bar.

Basic Use: When you are ready to begin timing something simply tap the “start” button. This will begin the stop watch and the stop watch will continue to update even if you put the device into sleep, receive a phone call, or even exit the app.

After the stop watch has started you can add a lap (time stamp) by tapping the lap button that has replaced the reset button. This will record the total time of the stop watch along with the difference between the last lap and the time when the button was tapped. Also, you may notice the second, smaller clock in the upper right hand corner. This clock displays the current lap’s time along with the current lap number in parenthesis. The main clock continues to display the total time.

When you are ready to stop timing, hit the stop button that has replaced the start button. (Hitting the stop button will also add a lap.)

To reset the stop watch back to zero and delete all of the laps, press the reset button after the stop button has been tapped (It will replace the lap button if the stop watch has been running).

Editing Laps: Stop Watch provides the option to give custom names and numbers to each lap. Simply tap any lap and a new screen will slide in. This screen gives you all the tools to change the data.

To change the “lap number” tap the top text field and a number pad will come up. To keep the spacing reasonable in the list of laps, we have limited the number of digits to four. Once you are done changing the number, you can dismiss the keyboard by tapping anywhere in the grayed out area.

The buttons directly below the text field allow you to specify how you will change the data. The “Only This” button will only change the lap that you tapped on. The “Sequentially” button will change all the laps using to current lap as a “pivot” point. Anything above the current lap will get an increasingly higher value while anything lower will get a smaller and smaller number until it hits zero. If it gets to zero it will continue to

Stop Watch User Guide

add zero to all the laps below that point. The “All” button changes all the laps to have the specified value.

You can also change the lap’s name. Instead of it saying “Lap 1, Lap 2, etc”, it can say whatever you specify in place of “Lap”. We have also limited the description to four characters (see above two paragraphs for more details). As with the value editing, you have the option to change only the lap you tapped on with the “Only This” button, or you can change all the lap’s names with the “All” button.

Once you are done specifying the changes, tap “Stop Watch” on the top bar to commit the changes. If you didn’t actually want to make the changes, you can tap the cancel button instead.

One more useful feature is the ability to delete laps. Either swipe from left to right on a lap to delete a single lap, or push the “Edit” button in the top left corner to delete multiple laps.

Naming: Stop Watch gives you the ability to change the name of whatever you are timing. At the top you will notice two buttons, one of which default to “Stop Watch”. You can easily change this by simply tapping on the data button at the top. A new page will slide in where you can edit information.

There are two text boxes: the top one is the one that will be displayed on the button in the main view and the other (the note text box) is just there to type whatever you might need to. (The only way that you can see the note text box is in this view but you can see the title elsewhere).

Tap “Save” to save any changes and go back to the main view and “cancel” to discard any changes and go back to the main view.

Date: Below the title and note text boxes, there is an option to change the date. When you start a new stop watch, the date is automatically set to today’s date. To change it, just tap the button and a date picker will appear. Just tap done after scrolling to the desired date.

Countdown Timer: Below the date picker is another option to turn on and off a countdown until start. When turned on, this will give you anywhere from 1 to 10 seconds before the stop watch actually starts. After turning this option on, another option will appear that allows you to set the duration of the countdown. The default is 5 seconds, but you can change it to anything between 1 and 10 seconds. This option is not stop watch specific. Meaning that even if you tap reset and start a new stop watch, the countdown option(s) will stay the same.

Main Buttons: At the bottom of the main view is a toolbar with buttons on it. These buttons allow you to save, load, and email data along with some other tools. On the far left is the “Strobe” button. Tapping this button flashes the screen red and white

Stop Watch User Guide

duplicating a strobe light. This can help keep you safe by keeping you visible if you run at night and if you keep your device in an arm band or something similar. The “Save” button allows you to save all the data for the current data set. If the stop watch is still running when you save it or if you close the app while the stop watch is still running, it will keep running. When you reopen the file or reopen Stop Watch, it will appear as if you never stopped. Saving a data set also saves all the meta data including the date, the title, and the note. The “Load” button will bring up a file picker where you can pick any file that has been saved, including the file that is automatically made each time the app is closed. Above the picker are three buttons: “Load”, “Delete”, and “Cancel” with each button performing the appropriate action on the currently selected file. The “Email” button allows you to email all the data that is currently loaded. After tapping this button a slider will appear asking you whether you want to email with the “Current Order”, or “Reverse Order”. “Current Order” will compose the email with the lap in the same order as you see in the table. “Reverse Order” will compose the email with the laps in the reverse order.

File Sharing via iTunes: New to iOS 4 is the ability for you to pull data directly from your device via iTunes, eliminating the need for a network to email the data for exporting. Plug in your device to a computer with iTunes and open iTunes. Click on your device on the left sidebar, then click the “Apps” tab at the top. Scroll down to the File Sharing section and select “Stop Watch”. Select the appropriate file and click “Save To...” The folders you see are folders “Stop Watch” uses internally and usually should not be saved. All data sets will be available as CSV files in the top level directory. These should be used and will easily open in your favorite spreadsheet application.

Preferences: Stop Watch includes multiple user enabled preferences to expand its functionality. By opening the “Settings” application and scrolling down to the bottom you will see Stop Watch listed. Tap on it and the preferences are shown. Tap “Stop Watch” to see the preferences specific to “Stop Watch” mode.

When “Vibrate” and/or “Screen Flash” are turned on, the device will give tactile (vibration) and visual (screen flash) feedback when you start/stop the stop watch or add a lap.

After tapping “Lap Button Results”, you will be given two options. “Time Difference” records the time difference between the previous and current laps when a lap is added. “Time of Day” records the time of day that the lap was added. This can be helpful for long duration events or when the time of day is needed instead.

Tapping “Clock Type” will present four options for how to display the times. All the formats are pretty self-explanatory. These options allow greater flexibility for Stop Watch.

Tapping “Larger Clock” will allow you to choose whether the total time is displayed as the larger clock or the current lap time. The other will be displayed as the smaller clock.

Stop Watch User Guide

By default, “Average Lap Time” is turned off. Turning it on will calculate and show the current average lap time in the top left corner when in Stop Watch mode.

If “Save/Export with Date” is turned on, Stop Watch will append the date you specified when data is exported via email and when you save data. You will not see the date in the save-text field but it appends it right after you hit save.

“Email Data Order” allows you choose the default order when emailing data. “Ask For Order” tells Stop Watch to ask you for the order each time you email data. The other two options set that as the default order.

“iTunes Data Order” presents the same options for data that can be pulled from your device via iTunes.

Timer Mode: Access this mode by making sure “Timer” is selected on the top bar.

Basic Use: You can easily create either a timer or an alarm by tapping “New”. This will cause a timer picker view to be displayed. Here you can choose either Timer or Alarm, and set the countdown timer/alarm date accordingly.

For Timers, you can tap “Start” to start it right away, or “Done” to put it in the table to start at a later time. For Alarms, “Start” and “Done” both do the same thing. They put the alarm in the table in preparation for it to go off. For either Timers or Alarm, tap “Cancel” to stop it from being shown in the table. You can create up to 60 timers/alarms (please note that because of the way Apple allows Local Notifications to work, we are currently limited to 60. Also, turning on the snooze option for alarms will reduce the total number of timers/alarms you can have. Don’t worry about exceeding the limit unknowingly. We’ll present an alert if you have too many.)

The table shows two important pieces of information on each row. One is the name of the timer/alarm. This defaults to “Timer” for timers and “Alarm” for alarms. See below for more information on how to change this. The table row also shows the 1) date the alarms will go off for alarms or 2) how much time left until the timer goes off for timers. If the numbers are counting down, that means it is a timer that’s running.

Tap on any row to get more information about that timer/alarm. The big clock will display the same thing that is on the table. The smaller clock in the upper right-hand corner will show 1) the date the timer will currently go off at for timers or 2) how much time left until the alarm will go off. This just allows you a different perspective on your timers/alarms. Alarms will also display their repeat option in the upper left corner. More information on repeat option below.

Once a timer/alarm has gone off, it will appear red in the table. At this point for timers, you can tap “Stop” and the timer will reset to the original time it started at. Pushing “Stop” on a timer before it goes off acts like pausing the timer. “Start” and “Stop” are disabled for alarms.

Stop Watch User Guide

Deleting Timers/Alarms: To delete a timer/alarm, swipe from left to right on the table row, then tap “Delete”.

To delete multiple timers/alarms, tap “Edit” in the top left corner. Tap the red circle on the left and then delete on the right of a row to delete that timer/alarms. Tap “Delete All” in the upper right corner to delete all timers and alarms. Tap done to finish editing.

Reordering Timers/Alarms: The “Edit” button is also how you can rearrange your timers/alarms. After tapping “Edit”, horizontal lines will appear on the right side of each row. Just tap on these lines and drag up or down to reorder your timers/alarms.

Changing the Time/Date: To change the time/date of a timer/alarm, tap the blue disclosure arrow on the right hand side of the row. This will present the details of that timer/alarm. Tap the row titled “Time Left/Completion Date”. This will present the same view used to create new timers. This will allow to change the time/date of this timer/ alarm, or even change whether it’s a timer or alarm.

Renaming Timers/Alarms: To change the name of a timer/alarm, just tap the blue disclosure arrow on the right hand side of the row. Tap on the row titled “Name” to bring up a keyboard to change the name.

Changing the Note: To change the note for a timer/alarm, just tap the blue disclosure arrow on the right hand side of the row. Tap on the row titled “Note” to bring up a keyboard to change the note.

Changing the Tone: You can change the tone that will sound when an individual timer/ alarm goes off by tapping the blue disclosure arrow on the right hand side of the row. Tap on the row titled “Tone”. This will present the different tone options. Tap on a tone to hear a preview of it and select it for use. When you have chosen your tone, tap “Details” in the upper left corner to return to the timer/alarms details.

Additional Alarm Options: Alarms have a few additional options that can be accessed by tapping the blue disclosure arrow on the right hand side of the row. Tapping the row titled “Alarm Repeat” will present the different repeating options. Tapping on the toggle switch on the row titled “Snooze” will turn on a ten minute snooze for this alarm. (Please note that using snoozes will decrease the total number of timers/alarms you can have. Sorry for this inconvenience.)

Changing the Default Tone: To change the tone that new Timers/Alarms use, tap the “Sounds” button in the upper right corner of the main timer view. This will present the list of available tones you can use for the default sound. Any timer/alarm that does not have it’s own tone set will use this tone.

Start all Timers: To start all timers that are not currently running, tap the “Start All Timers” button on the bottom bar. Please note that while this will start any timers that

Stop Watch User Guide

are not currently running, this operation may take a few seconds if you have lots of timers/alarms.

Stop all Timers: To stop all timers that are currently running, tap the “Stop All Timers” button on the bottom bar. Please note that while this will stop any timers that are currently running, this operation may take a few seconds if you have lots of timers/alarms.

Preferences: Stop Watch includes multiple user enabled preferences to expand its functionality. By opening the “Settings” application and scrolling down to the bottom you will see Stop Watch listed. Tap on it and the preferences are shown. Tap “Timer” to see the preferences specific to “Timer” mode.

Tap “New Timer Default” to choose whether tapping “New” presents the new timer interface or the new alarms interface first.”

Tap “New Timer Mode” to choose whether new timers are created using a Day:Hour:Minute scheme, Day:Hour scheme, Hour:Minute scheme, or Hour:Minute:Second: scheme.

“Repeat Default” sets the default repeat option for new alarms.

“Snooze Default” set the snooze option default for the alarms. Please note that have snoozes default to “On” will make it so you can have a maximum of 30 alarms. This is because we have to use 2 of our allotted Local Notifications to effect a snooze.

For any further information, please either post on our forums at: <http://forum.pencilbusters.com> or email us directly at support@pencilbusters.com