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This software is to be used for entertainment only. It is not a reliable method for determining your fitness to drive nor evaluate your ability or readiness to perform any activity.

Drink responsibly, never drink and drive. Some researchers claim impairment occurs when ANY amount of alcohol is consumed. A person intending to drive should not consume any amount of alcohol.

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The formula used in this program to calculate the estimated blood alcohol concentration is based on techniques published by the U.S. Department of Transportation - National Highway Traffic Safety Administration. While every effort was made to create an accurate BAC estimation program, the BAC calculated by this program is only a rough estimate and is dependent upon the accuracy and timeliness of the information you provide as well as the information provided by the U.S. Department of Transportation.

By installing this software, you agree to all the terms, conditions and provisions above regardless of your registration status.

Documentation

Designator 1.0

Know when to say when —

by having your trusty palm computer watch your BAC.

What is Designator?

You're out for a few drinks with friends. At the end of the evening you realize you're about to get into a car with a driver who may be drunk or impaired. Even though he said he stopped drinking long ago, how skilled is he at estimating his blood alcohol concentration and metabolism? How skilled are you? Who in your group is best equipped to get behind the wheel? By getting into the car you are taking a huge risk.

Instead, use Designator. It helps you estimate and track the blood alcohol concentration (BAC) in up to five people over time. It shows you how long it takes to burn off the alcohol in your body — information you need to safely tell yourself or your driver when to say when.

Quick — How do I use Designator?

- Tap the menu icon (next to the Graffiti® area) and Select "Preferences" from the "Options" menu. Select your state from the popup list and tap "Done". This sets the correct legal BAC limit.
- Tap "New..." to create a new drinker. A dialog appears asking for vital information about the drinker such as weight, gender and the type of drink. You can track up to 5 drinkers at a time.
- Tap on the key/martini icon next to the drinker's name every time they finish a drink. Only drinkers with a BAC of zero earn a key icon next to their name.
- The time shown is a countdown clock of hours and minutes displaying how long it will take for the drinker to completely metabolize his/her alcohol, returning to a BAC of zero.
- The pie chart for each drinker shows their current BAC as a percentage of the legal limit. If the pie is 3/4 full (3/4 black), that drinker's BAC is 3/4 the legal limit allowed by your state.
- The drinker's estimated BAC is shown in the far right column.



Designator gives you a key when you're ready to go.

Installation

Install Designator in the standard way. If this is the first time you've installed an application on your handheld computer, follow the instructions in the manual that came with your handheld computer or check your desktop software documentation.

Drinker Settings

Name — The drinker's name as you want it to appear on the main screen. You may enter up to 14 characters.

Weight — The drinker's weight is a major factor in estimating a BAC. Select the weight range from the list that includes the weight of the person you are tracking.

Drink Type — The type of drink selected here determines the amount of alcohol to add to the drinker's total alcohol consumption when tapping on his/her icon. Select the drink from the list that best describes what this person is drinking. Beer selections add alcohol based on 12 oz. servings, wine 5 ounces, straight and mixed are based on 1 oz. (single) or 2 oz. (double) of 80 proof alcohol.

Drinking Style — The rate at which you burn off alcohol is based on the production of a certain enzyme in your liver. Your liver generates greater amounts of this enzyme if you drink heavily and more often (usually over a few months). Select the type that best describes this drinker's level of alcohol consumption over the past few months. For the curious, the internal numerical rates Designator uses for each level are: 0.02 for Heavy, 0.017 for Average and 0.012 for Light. These numbers represent the amount to subtract from your BAC over a one hour period. It is recommended you choose "Light" for a more conservative running estimate.

Male/Female — Males and females have different amounts of body water on average. Choose the appropriate gender to describe the drinker you are editing.

Add "n" drinks now — You can select a number of drinks to add to the drinker's total alcohol consumption immediately upon dismissing the dialog. This convenience feature lets you avoid having to tap on the drinker's icon multiple times. This is also helpful when your friends have had a few drinks before you started tracking them with Designator.



It's easy to enter all the info you need to watch your BAC.

Reset Button — CAUTION: This button sets the drinker's alcohol consumption and BAC to zero. Use this button only when you're sure you want to set this drinker to zero and re-enter the number of drinks he/she has had. NOTE: Burnoff will also be set to zero and will start from this point in time, in other words, any burnoff time previously earned is lost.

Program Operation

Drinker settings are automatically saved when you launch another application and automatically restored when you launch Designator again. Designator also watches your handheld's internal clock to make its calculations every 10 seconds. Designator allows your handheld to enter sleep mode and it resumes calculations when you power up. Give Designator about 10 seconds to refresh when starting up from sleep mode. To erase all drinker info, select "Clear All..." from the "Options" menu.

What's a BAC?

BAC stands for blood alcohol concentration and is measured in grams of alcohol per 100 milliliters (deciliter) of blood. This is the standard measure used by most law enforcement and government agencies in the US.

If you are arrested for drunk driving, your BAC is measured and compared to your state's legal limit to determine if you are legally drunk. In most states the limit is .08. If your BAC is equal to or above this limit you are legally intoxicated and a conviction will likely not require proof of impairment. Your state's laws will vary, so in order to really be safe — don't drive unless your BAC is zero.

Government scientists to BAC you up

IMPORTANT: The Designator can't show exact BACs — that requires a breath or blood test — but it can help you make a more informed decision rather than guessing wildly. The formula used in this program to calculate your estimated BAC is based on techniques published in a report by the U.S. Department of Transportation – National Highway Traffic Safety Administration. A copy of the report is available at:

<http://www.nhtsa.dot.gov/people/injury/alcohol/bacreport.html>

It's a complex formula, but happily for you Designator does all the work — all you have to do is supply a few important details with a few taps from your stylus.

Registration and Support

Unregistered users will see an annoying dialog every time a drink is added. Otherwise the application is the same for both registered and unregistered users. You can purchase the registered version of Designator at <http://www.palmgear.com/> or send a check for \$20 (US funds) to:

Designator
River Rock Sight & Sound
21647 SE 256th Place
Maple Valley
WA 98038

— include your email address for shipping!

Registration entitles you to free updates.

Questions and comments can be sent to riverrock@halcyon.com.
Visit the River Rock website at <http://www.halcyon.com/riverrock/>