



Using TideLock Tools

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Introduction

TideLock comes with an increasing set of tools to help you whenever possible, especially if you are at the telescope observing.

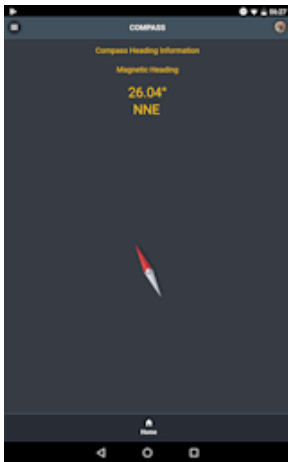
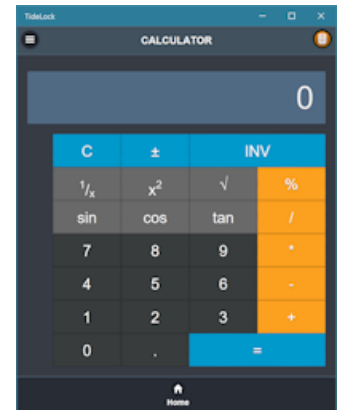
Please note that TideLock completely supersedes my related applications such as Regolith and MoonLock (for both Jupiter and Saturn). All the information and data those apps provide is in TideLock but much improved and more modern. If you are using those other apps, please switch to TideLock.



Because TideLock is not using the native compass guidance on the phone (it is using a hybrid approach) the compass maybe sluggish or slow to respond. This is normal. It will be accurate if a bit slow but you may prefer to use a native compass application for this... they are much faster than TideLock.

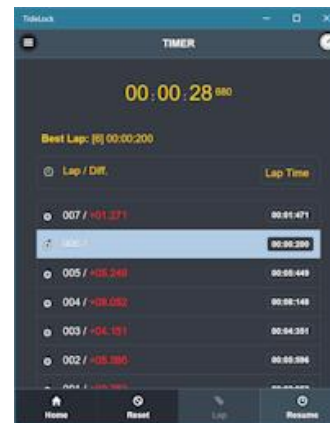
Calculator

Aside from the simple arithmetic functions, use trigonometry for angles and inverse for additional power functions. Use these to calculate separations or angles or even your magnification or power.



Compass

TideLock has a compass that can quickly orient you. Before using the compass, please use the standard phone procedure for calibrating. When you use the compass, TideLock can provide True North or Magnetic orientation. These are set in the Settings page under program configuration. Select whichever one you prefer.



Timer

The TideLock timer is quite good... not only can it count time and measure events, it records "laps", lap differentials, best laps, etc. This way if you need to time multiple events you can just keep tapping laps and have them automatically organized by time, difference, best, last, etc....