

The Devils alarm clock

The devils alarm clock is an embedded system which functions as an alarm clock which requires a particular sequence of physical actions to be performed in order to disable the alarm tone. It uses an independently powered real time clock in order to retain the correct time in case the device loses power and uses a smartphone app (accessed over bluetooth) to configure the time and alarm settings. In addition to functioning as a traditional alarm clock it also includes an array of sensors used to detect if the physical actions required to shut off the alarm tone are being circumvented.





