

case 1: show date (nite)



↓ tap screen



↓ time out



a single tap will switch to the date display, then revert to the time after a few seconds.

case 2: show date (day)



↓ tap screen



↓ time out



from 7:00am to 6:59pm ("day"), the digits are green. from 7:00pm to 6:59am ("nite"), the digits are red. alarm digits follow the same convention.

case 2: check alarm



↓ tap screen



↓ tap screen again



↓ time out



if you bother to check the alarm, let's assume you probably want it turned on. so in this case, alarm is changed from OFF to ON.

the alarm time is displayed at the bottom left whenever the alarm is ON. current time and alarm time are clearly displayed, so it is obvious when the alarm is set correctly (or incorrectly!)

case 3: set alarm



↓ tap screen



↓ tap screen again



↓ first tap of digit



↓ tap digits to set



↓ tap "done"



after first digit is tapped, "alarm" changes to "done". after clicking "done", turn alarm ON, and return to time display.

case 4: toggle alarm off



↓ tap screen



↓ tap screen again



↓ tap "alarm"



↓ tap "on"



↓ any other tap / timeout



In alarm set mode, tapping the message area instead of the digits advances to toggle mode. the display shows "on" in this case. touching "on" toggles alarm to "off". tapping "off" will toggle back to "on", while tapping anything else returns to normal time display.

shortcut: in normal time display, tap the alarm time in the lower left to toggle the alarm off.

case 5: toggle alarm on



↓ tap screen



↓ tap screen again



↓ tap "alarm"



↓ tap "off"



↓ any other tap / timeout



Similar behavior for case where alarm state is initially off.

shortcut: in normal time display, tap the empty spot in the lower left to toggle the alarm on.

case 6: set time



↓ tap screen



↓ tap screen again



↓ tap "alarm"



↓ tap "alarm"



↓ tap digits



↓ tap "done"



In alarm toggle mode, tapping "alarm" advances to the time set mode. this behaves the same as alarm set, where "time" changes to "done" when the first digit is tapped.

case 7: set date



↓ tap screen



↓ tap screen again



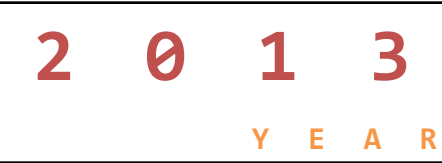
↓ tap "alarm"



↓ tap "alarm"



↓ tap "time"



↓ tap "year"



↓ tap "month"



↓ tap "done"



The date is set using a similar approach. The new date is not committed until "done" is tapped on the final (day) screen.