

# iAlarm



## iAlarm

### Mission:

At iAlarm, our mission is to provide the best service, products and technology to help our clients to surely wake up in the morning.

### Interface:



To control to the "iAlarm", you have 2 displays. One of them just show the information about the timer and the alarm, the second one helps to set up the timer, the alarm or the time.

#### 1st display

---iAlarm--- - the name of the project  
16:00:47 - the current time  
Tuesday - the current day of the week  
29 Jun 2019 - the current date  
TIMER ALARM - info about timer and alarm(if the timer is seted, instead of the word "TIMER" it would be a countdown. Otherwise - word "TIMER". If it is some alarm seted, so the word "ALARM" would be printed on the black background.

#### 2nd display

---iAlarm--- - the name of the project  
A > ALARM - set the alarm  
B > TIMER - set the timer  
C > PROBLEM - show you the random complex problem to solve  
D > SETTINGS - here you can change the time, enable/disable the highlight of the display or change the

Why is the "iAlarm" the best?

- \* Simple user interface
- \* Possibility to extend the functionality of the project

"Engineering is hard  
Designing is harder."

Volodymyr Chernetskyi

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--SET ALARM-- - information, that you are setting the alarm.

HH:MM DoW R - format of setting the alarm(HH - hour, MM - minute, DoW - day of the week, R - repeats)

Next line is setting the alarm

A - get to the next value, B - get to the previous value

C - cancel the alarm setting, D - set the alarm



--SET TIMER-- information, that you are setting the alarm.

MM:SS - format of setting the timer(MM- minutes, SS- seconds)

Next line is setting the timer

A - get to the next value, B - get to the previous value

C - cancel the timer setting, D - set the timer



### Problem panel

--ADD-- - your task is to add following values

5933 and 7743 - values, that you need to add

Using the keyboard you need to type the answer



### Settings panel

Time - set the time

Lights - enable or disable the screen backlight

Problem - change the complexity of problems

Save - save changes



### Alarm list panel

1. empty- it is no alarms

Set new - set new alarm

Done - go to the main menu

2. ALARM 1/1 - number of alarms in the queue

12:40 MON 1 - info about alarm

NEXT - show next alarm

PREV - show previous alarm

DEL - delete the alarm

CLR - delete all alarms



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