Overview of Design :-

User Interface :-

Set1   Set2   Set3   Set4   Format
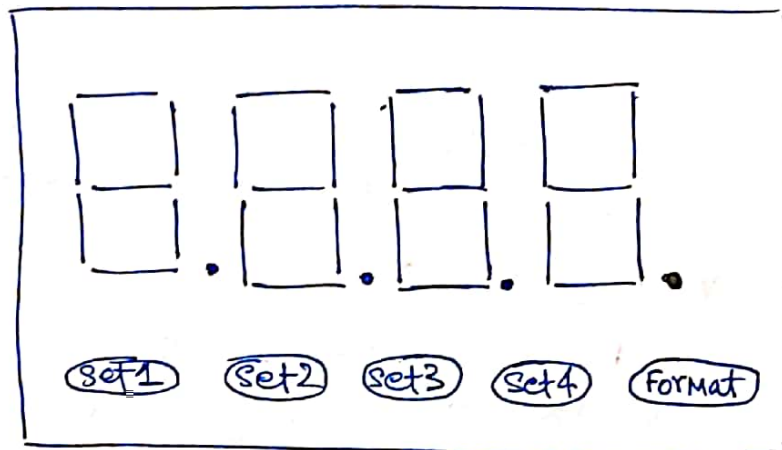
Specifications :-

1) The four set buttons are used to change the 4 digits on it.
2) Format is used to change the hh:mm format or the mm:ss format.
3) The flashing dot shows you are viewing in the hh:mm format.

Features :-

1.) You can view the time in both hh:mm format & mm:ss (one at a time).
2.) In the hh:mm format the 4th dot flashes every sec. This will keep track of seconds upto some extent.
3.) You can reset the time to any value using the 4 set buttons.
4.) while changing time, you don't have to worry about stumbling upon absurd timings like 27:65 (hh:mm). This has all been taken care of such that time is between 00:00:00 to 23:59:59.

Instructions :-

(i) To switch b/w different modes :-
The initial format is hh:mm.
To change to mm:ss press the
(Format) button.
To switch back to the hh:mm mode
press the (format) button again.

(ii) To change the timing :-

(a) To reset to 00:00:00.
First - make the time in hh:mm
format as 00:00.
Now change the format to mm:ss.
Now - make the time 00:00.

(b) To make other Random times
→ Set1 will increase the leftmost
digit by 1.
→ similarly set2, set3, set4 change
the individual digits.
→ Example you want to change
time - from 17:39 to 22:42
(in hh:mm). Then what you
have to do is

Precaution :-
This order can't be changed since 17 changes to 07 (because 27 not allowed)

(1.) Press (set2) 5 times :
[17:39 ①→ 18:39 ② 19:39③ 10:39④ 11:39⑤ 12:39]

(2.) Now Press (set1) - 1 time
[12:39 ①→ 22:39]

(3.) Press the (set3) 1 time
[22:39 ①→ 22:49]

(4.) Press the (set4) - 3 time
[22:49 ①→ 22:40② 22:41③ 22:42]