



Sapling Dual Display Clock and Elapsed Timer for the Healthcare Market

Synchronized clocks and Elapsed Timers are commonly used in hospitals and other healthcare facilities. A synchronized clock system will assure accurate and uniform time throughout the facility. This allows all staff members to record time of events based on one accurate time source. These situations consist of (but are not limited to): patient admission time, time for dispensing medicine, formal time of birth, length of an operation, length of a medical procedure, and more.

In addition to having a synchronized clock in places such as operating rooms, emergency rooms and medical procedure rooms, there is also a need for an elapsed timer. The elapsed timer can perform a count-up or countdown depending on the procedure.

In order to provide a solution for monitoring or recording the accurate time as well as using an elapsed timer, Sapling recommends adopting the dual display solution. This solution includes one clock that will be dedicated to present the accurate time and a second clock that will be dedicated to act as the elapsed timer that would interface with the elapsed timer control panel.

One way to implement this solution is to choose one analog clock dedicated to show the accurate time and the second display is a digital clock dedicated to act as the elapsed timer. In this scenario, you can choose a Red, Green, White, or Amber digital display.



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Another way to implement this solution is to choose two digital clocks. Each can have a different display color. For example, a Red Display Clock (model 3100) dedicated to show the accurate time and the second display digital clock (model 3200) dedicated to act as the elapsed timer that may be Green, White, or Amber. In this scenario, the digital clock acting as the elapsed timer (model 3200) will have the option to interface with the elapsed timer control panel accessory.



Additionally, we can also offer the option of interfacing with a facility's nurse call system! Sapling's 3300 digital clock model can interface with the facility's nurse call system via a contact closure. In this scenario, if a patient has a medical emergency, the Nurse Call system will trigger the Elapsed Timer while simultaneously alerting hospital staff of the Code Blue situation. There is no delay between the patient emergency and the count-up, allowing for the most precise time display and treatment. For implementing this solution, the 3300 digital clock model should be selected, as it will have the elevated capabilities needed to interface with the elapsed timer control panel and the nurse call system.

The above solutions can be offered as part of a Sapling Synchronized Clock System, which may be Wired, Wireless or IP based. Depending on the synchronization method, the digital clocks/elapsed timers may be offered with either surface (on the wall) mounted option or a flush mounted (in the wall installation) option.



Surface (Wall) Mount



Flush Mount



Although the Sapling Elapsed Timer Control Panel comes with 4 buttons as standard, we can also offer it with one, two or three configurable buttons based on the user preference. Each button is backlit for easy visual indication of which function is active.



*Optional Button Kit Part Number:
SBD-ELT-BUT-0

Healthcare facilities are faced with the pressures to perform decisively during emergencies every single day. With the use of Sapling's Elapsed Timer, doctors and nurses can focus on treatment knowing the Elapsed Timer is showing them precise time. You could be sure to benefit from a Sapling Elapsed Timer solution if purchased for next time you hear: "Attention: Code Blue!"



Please view the Elapsed Timer video clips [here](#).

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