

# SCHOOL BELL TIMER

## PRODUCT DESCRIPTION :

This device can be used in the SCHOOLS and COLLEGES for automatic period bells and it replaces the Manual Switching of the Bell in the College. In this we can set different 24 no off alarms, and We can give delay time or ring time for each alarm, When real time equals to the Bell Ringing time, then the Relay for the Bell is switched on, The Bell Ringing time can be edited at any Time, so that it can be used at Normal Class Timings as well as Exam Times. The Real Time Clock is displayed on LCD display. Microcontroller is used to control all the Functions, it get the time through the keypad and store it in its Memory. And when the Real time and Bell time get equal then the Bell is switched on for a predetermined time. And also operate in manual mode.



## APPLICATIONS:

- School/ College Bell for Periods & Breaks
- Office / Factories Tea & Lunch Breaks
- Water Pump/ Sprinkler
- The timed functionality of an electric load
- Water Heater
- Solar Heated Water Distribution

## FEATURES:

- User-friendly operations
- Max. 24 independently programmable events per day (depending upon event/ prog. lengths)
- Applicability for each event on which weekdays is user selectable. Can define weekly active or holidays for each event
- Max. 20 user programmable holiday dates scattered in a year
- Max. 10 user programmable holiday ranges
- Max. event/ prog. duration (ON time duration) from 1sec to 23hours 59minutes 59seconds
- Bypass mode for manual operation
- Memory backup in case of power failures



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