

The bell system in a school

1. Requirements

The school bells are controlled by SR in a school. The bell is to ring at certain time for 30 seconds (school beginning, intermission and end of school).

2. SR Solution

The times are set for the school beginning, intermission and end of school by the time switch integrated.

The bell is to ring for 10 seconds on Monday to Friday every an hour from 6:00 to 12:00 in the morning and every 2 hours from 14:00 to 17:00 in the afternoon, and on Saturday and Sunday every 2 hours from 8:00 to 12:00 in the morning and PM13:00 to PM17:00.

3. Components used

Input	Output
	QA0 Bell

4. Advantages and Specialties

The bell system can easily be expanded.

Fewer components are necessary than the traditional solutions.

5. Software Circuit Diagram

