

SOUND OPERATED LAMPS SYSTEM

by

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SUMMARY

The purpose of the project is to design, construct and test an electronic system which will activate by sound a lamp from a distance.

This electronic system incorporates a timer so that the lamp will remain ON for several hours before returning to OFF position.

The constructed unit is actually a sound activated switch which is activated by the ringing sound of a telephone. The system finds several applications apart from activating and controlling a lamp.

In order for the lamp not to be activated by spurious noises and before the sound level exceeds a predetermined level the sensitivity of the unit is externally controlled.

Another feature of the unit is that it provides the facility of selecting the duration the lamp will stay on after it has been activated.

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