Monitor system for telephone ....

1. Requirements

A. the turning on and off of Air-conditioning at home is controlled by telephone button.
  P0——open for air-conditioning
  P1——close for air-conditioning

B. The doors and windows are monitored by the detector when no one is in. if one enters from the windows; FAB can automatically say "catch a thief" and dial your phone 3545876.

2. Analysis

To accomplish the above controlling requirement, we need to set sound sections as bellows:
Section 0: Please enter the password
Section 1: Correct password
Section 2: Wrong password, please reenter
Section 3: Catch a thief
Section 4: Open for air-conditioning
Section 5: Close for air-conditioning

3. Components used

Input	Output
I1 the detector	Q1 switch for air-conditioning

4. Advantages and Specialties

Fewer components are necessary than the traditional solutions.

5. Software Circuit Diagram