I/We Claim:

1. A signal device (100) for a smart electronic switch mounted in a wall of a room, the smart electronic switch being used for controlling a lighting device and formed with a pluggable interface, the signal device comprising:

a signal transmitter (101) disposed separately from the switch and configured to transmit a signal in response to a trigger; and

a signal receiver (102) detachably coupled to the switch via the pluggable interface in such a way that at least a portion of the signal receiver (102) is received in the smart electronic switch when assembled, and the signal receiver (102) is configured to receive the signal transmitted by the signal transmitter (101) to the signal receiver (102) and to control an operation of the switch in response to the signal transmitted by the signal transmitter (101).

2. The signal device of claim 1, wherein a button or knob (103) is provided on the signal transmitter (101), and the signal transmitter (101) is configured to transmit the signal in response to the button or knob being operated.

3. The signal device of claim 1, wherein at least one surface of the signal transmitter (101) comprises a touch-sensitive surface, and the signal transmitter (101) is configured to transmit the signal in response to the touch-sensitive surface being touched.

4. The signal device of claim 1, wherein the signal transmitter (101) is provided with at least one of the following to sense the trigger: a sound sensor, an optical sensor, a microwave sensor, a temperature sensor, a humidity sensor, a gas sensor, a touch sensor, a fingerprint recognition sensor, a voice recognition sensor and a camera.

5. The signal device of claim 4, wherein the optical sensor is an infrared sensor.

6. The signal device of any of claims 1-5, wherein the signal receiver (102) is communicatively coupled to the switch via a standard USB interface formed on the switch.

7. A smart electronic switch mounted in a wall of a room, comprising:

the signal device of any of claims 1-6; and

a control module assembly (200) comprising an interface (201) for receiving a portion of the signal receiver (102).

8. The smart electronic switch of claim 7, wherein the interface (201) is a standard USB interface.