

Switch Board by Martin Andersen

This "gadget" has been a **fetish toy** for many magicians and has become a **collector's item**. Quite a few different versions have existed, but their appearance and presentation often relegate them to an electronic novelty or puzzle. Few versions are truly magical.

At IDEAA Lab we have set two goals: **reduce electronics** until it almost disappears and **provide powerful magic**.

The classic

The "magic switch box" or "magic switch board" is an effect created decades ago, with some switches and lights bulbs of different colors. The wiring is visible, it is obvious which switch turns which light bulb.

The magic begins when the colors of the bulbs are mixed, but still each switch turns on the bulb of its corresponding color, even though the electrical connections do not match.

The classic versions only allowed the basic effect: mix the colors of the bulbs.

New versions came out, which allowed some different effects, but always perform the same routine. For some that routine may be a bit long, for others it falls short or does not fit. Nor can it be repeated for the same audience, since the same effects occur and in the same order.

The main disadvantage is that the audience often has the feeling that there is something hidden that controls the operation, and most versions have parts that are not visible or suspicious. That is why many times it seems more like a novelty or a puzzle and rarely feels magical.

Improvements

It is not a new effect and there are already several versions on the market. What is special about the *Switch Board*?

- Our version is the smallest we could ever imagine: an electronic circuit only **1.6mm thick**. Soldered to the circuit are 4 switches, 4 bulb holders

- and a battery holder. **There is no room to hide anything!**
- We have thought of a **powerful and magical ending** that will leave the audience stunned.
 - It brings 2 easy-to-perform pre-recorded routines, and the possibility of creating 3 more routines to your liking. This allows to have **5 routines in the same circuit**, being able to use the one you want at any time. You can show the *Switch Board* to the same audience but with a different routine.
 - It offers **7 different effects** that you can choose to make your own routines.
 - Our bulbs are LED (low power consumption and longer lifespan), they are large and with a light diffuser. This allows the light to be seen perfectly from any angle.
 - The program that controls the entire operation of the *Switch Board* is **open source**. That means you can modify it to as you want and reprogram your circuit to change its operation if you know how and feel like it.

Routines and effects