

Electric circuit connections and components practice kit

Materials:

- 6 alligator clip leads
- 2 lamps in holders,
- 1 battery pack for 2 AA batteries
- 2 AA batteries
- 1 potentiometer (500 Ω)
- 2 LEDs with small resistors $\sim 47 \Omega$
- 1 DC motor
- 1 DC motor, vibrating (with off-center weight on shaft)
- 1 piezo buzzer
- 1 slide switch SPST (single pole, single throw)
- 1 slide switch SPDT (single pole, double throw)
- 1 lever switch, SPDT
- Brass fasteners (12)
- 3 pieces of stranded wire $\sim 2'$ long each
- Copper tape with conductive adhesive, $\sim 4'$ long
- Cardboard sheet to mount components $\sim 12'' \times 18''$

*Most of these components can be purchased at educational supplier Kelvin Electronics
www.kelvin.com*

Create a demonstration board using the electronic components

