

**106. Electric motor controlled switch birthday song circulative playing circuit**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will continuously and circularly repeat playing the birthday blessing songs.

**107. Water controlled switch birthday song circulative playing circuit**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will continuously and circularly repeat playing the birthday blessing songs.

**108. Pressure switch circulative intermittent bulb circuit**

**109. Magnetic controlled switch circulative intermittent bulb circuit**

**110. Touch controlled switch circulative intermittent bulb circuit**

**111. Conductive piece controlled circulative intermittent bulb circuit**

**112. Resistance controlled circulative intermittent bulb circuit**

**113. Light-activated switch controlled circulative intermittent bulb circuit**

**114. Electric motor controlled circulative intermittent bulb circuit**

**115. Water controlled switch circulative intermittent bulb circuit**

Replace the speaker in the circuits 99-107 with bulb, the phenomena of circuits 108-115 can be realized.

**116. Pressure switch circulative intermittent red LED circuit**

**117. Magnetic switch circulative intermittent red LED circuit**

**118. Touch controlled switch circulative intermittent red LED circuit**

**119. Conductive piece controlled circulative intermittent red LED circuit**

**120. Resistance controlled circulative intermittent red LED circuit**

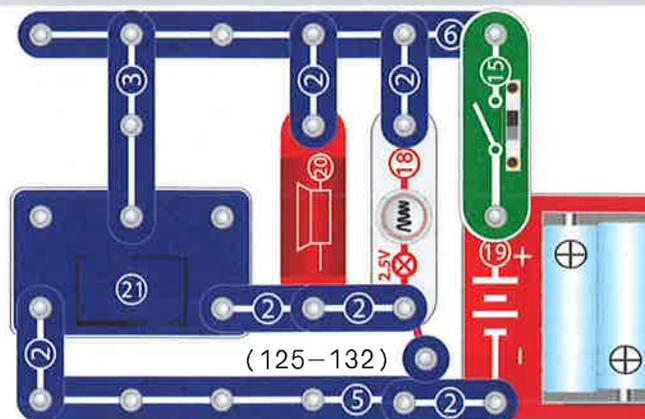
**121. Light-activated switch controlled circulative intermittent red LED circuit**

**122. Bulb controlled circulative intermittent red LED circuit**

**123. Electric motor controlled circulative intermittent red LED circuit**

**124. Water controlled switch circulative intermittent red LED circuit**

Replace the Speaker in the circuits 99-107 with red LED, the phenomena of circuits 108-115 can be realized.



**125. Acousto-optic birthday blessing circuit**

Assemble the circuit according to the graph and switch on, the speaker will send out melodious birthday blessing music and the bulb will light at the same time. Switch off, the speaker will stop sounding and the bulb will be off.

**126. Pressure switch acousto-optic birthday blessing circuit**

Replace the switch in the circuit with pressure button and press the pressure button with hand, the speaker will sound melodious birthday blessing music.

**127. Magnetic switch acousto-optic birthday blessing circuit**

Replace the slide switch in the circuit with Magnetic switch and take the magnetic bar close to the magnetic switch, the speaker will sound melodious birthday blessing music.

**128. Touch controlled acousto-optic birthday blessing circuit**

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the speaker will sound melodious birthday blessing music.

**129. Red light birthday blessing circuit**

**130. Pressure switch red light birthday blessing circuit**

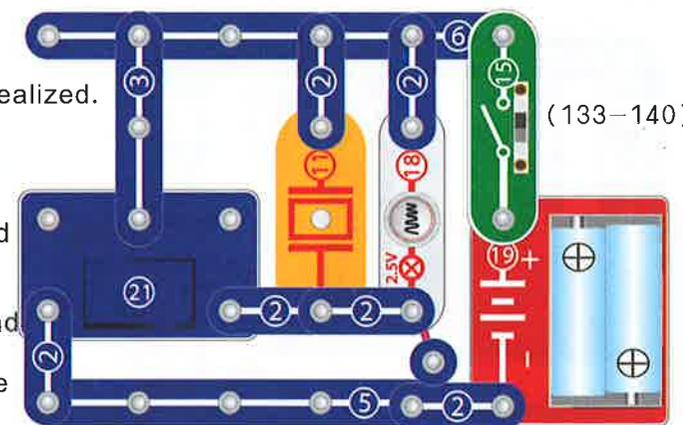
**131. Magnetic switch red light birthday blessing circuit**

**132. Touch controlled switch red light birthday blessing circuit**

Replace the bulb in the circuits 125-128 with red LED, the phenomena of circuits 129-132 can be realized.

**133. Light and buzzing birthday blessing circuit**

Assemble the circuit according to the graph and switch on, the buzzer will send out melodious birthday blessing music and the bulb will light at the same time. Switch off, the buzzer will stop and bulb will be off.



## 134. Pressure switch light and buzzing birthday blessing circuit

Replace the switch in the circuit with Pressure button and press the Pressure button by hand, the buzzer will send out melodious birthday blessing music and the bulb will light at the same time.

## 135. Magnetic switch light and buzzing birthday blessing circuit

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar close to the magnetic switch, the buzzer will send out melodious birthday blessing music and the bulb will light at the same time.

## 136. Touch controlled switch light and buzzing birthday blessing circuit

Replace the slide switch in the circuit with touch pad and hold on pressing the copper platinum of the touch pad with a sheet metal, the buzzer will send out melodious birthday blessing music and the bulb will light at the same time.

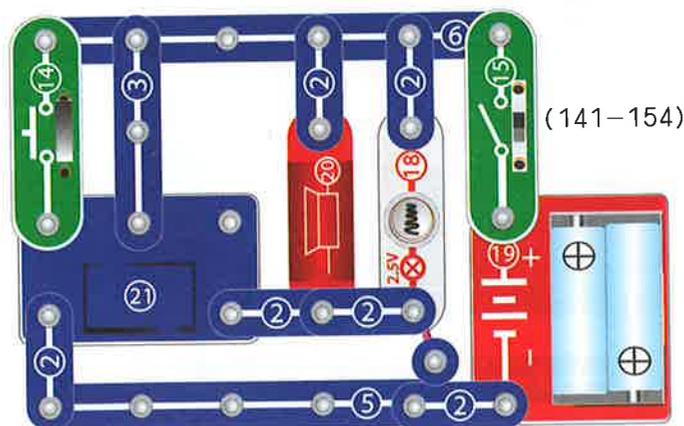
## 137. Red light buzzing birthday blessing circuit

## 138. Pressure switch red light buzzing birthday blessing circuit

## 139. Magnetic switch red light buzzing birthday blessing circuit

## 140. Touch controlled switch red light buzzing birthday blessing circuit

Replace the bulb in the circuits 133-136 with red LED, the phenomena of circuits 137-140 can be realized.



## 141. Pressure switch a cousto-optic music door-bell circuit

Assemble the circuit according to the graph and switch on, the speaker sends out music and the bulb is alight. Until the music stops and the bulb is off, press the pressure button by hand, the speaker will send out music and the bulb is alight again. If you connect the pressure button with thin wire to the outside of the house, when guests come to your visit and press the pressure button, you can hear the music and see the light in the house.

## 142. Magnetic controlled acousto-optic music door-bell circuit

Replace the pressure button in the circuit with magnetic switch and switch on. Until the music stops and the bulb is off, as you take the magnet at the end of the magnetic bar to pick up the magnetic switch, the circuit can be realized.

## 143. Touch controlled switch acousto-optic music door-bell circuit

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops and the bulb is off, as long as you take the metal conductor (such as No. 1 conductive piece) to touch the touch pad, the circuit can be realized.

## 144. Sound control acousto-optic music door-bell circuit

Replace the pressure button in the circuit with Sound-activated switch and get through the switch. Until the music stops and the bulb is off, as long as you tap the Sound-activated switch with hand or blow air to the Sound-activated switch, the circuit can be realized.

## 145. Light controlled acousto-optic music door-bell circuit

Replace the pressure button in the circuit with Light-activated switch and get through the switch. Until the music stops and the bulb is off, as long as you cover the Light-activated switch with your hand,

the circuit can be realized.

## 146. Electric motor controlled acousto-optic music door-bell circuit

Replace the pressure button in the circuit with electric motor and switch on. Until the music stops and the bulb is off, as long as you drive the running shaft of the motor with your hand, the circuit can be realized.

## 147. Water control switch acousto-optic music door-bell circuit

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops and the bulb is off, as long as you drop a drop of water on the copper platinum of the touch pad, the circuit can be realized.

## 148. Pressure switch red light music door-bell circuit

## 149. Magnetic switch red light music door-bell circuit

## 150. Touch controlled switch red light music door-bell circuit

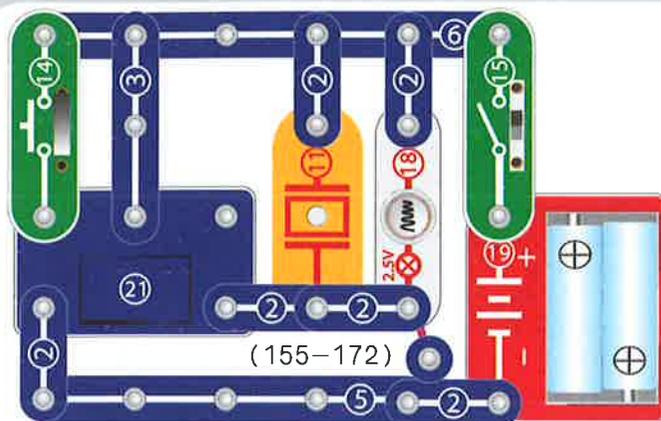
## 151. Sound controlled switch red light music door-bell circuit

## 152. Light controlled switch red light music door-bell circuit

## 153. Electric motor controlled red light music door-bell circuit

## 154. Water controlled switch red light music door-bell circuit

Replace the bulb in the circuits 141-147 with red LED, the phenomena of circuits 148-154 can be realized.



**155. Pressure switch light and buzzing music door-bell circuit**

Assemble the circuit according to the graph and switch on, the buzzer sends out music and the bulb is alight. Until the music stops and the bulb is off, press the pressure button by hand, the buzzer will send out music and the bulb is alight again. If you connect the pressure button with thin wire to the outside of the house, when guests come to your visit and press the pressure button, you can hear the music and see the light in the house.

**156. Magnetic switch light and buzzing music door-bell circuit**

Replace the pressure button in the circuit with magnetic switch and switch on. Until the music stops and the bulb is off, as you take the magnet at the end of the magnetic bar to pick up the magnetic switch, the circuit can be realized.

**157. Touch controlled switch light and buzzing music door-bell circuit**

Replace the switch button in the circuit with touch pad and switch on. Until the music stops and the bulb is off, as you take the metal conductor (such as No. 1 conductive piece, etc.) to touch the touch pad, the circuit can be realized.

**158. Light controlled switch light and buzzing music door-bell circuit**

Replace the pressure button in the circuit with Light-activated switch and switch on. Until the music stops and the bulb is off, as long as you cover the Light-activated switch with your hand, the circuit can be realized.

**159. Electric motor controlled light and buzzing music door-bell circuit**

Replace the pressure button in the circuit with electric motor and switch on. Until the music stops and the bulb is off, as long as you drive the running shaft of the motor with your hand, the circuit can be realized.

**160. Water controlled switch light and buzzing music door-bell circuit**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops and the bulb is off, as long as you drop a drop of water on the copper platinum of the touch pad, the circuit can be realized.

**161. Pressure switch red light and buzzing music door-bell circuit**

**162. Magnetic switch red light and buzzing music door-bell circuit**

**163. Touch controlled switch red light and buzzing music door-bell circuit**

**164. Light controlled switch red light and buzzing music door-bell circuit**

**165. Electric motor controlled red light and buzzing music door-bell circuit**

**166. Water controlled switch red light and buzzing music door-bell circuit**

Replace the bulb in the circuits 155-160 with red LED, the phenomena of circuits 161-166 can be realized.

**167. Pressure switch buzzing music door-bell circuit**

**168. Magnetic controlled buzzing music door-bell circuit**

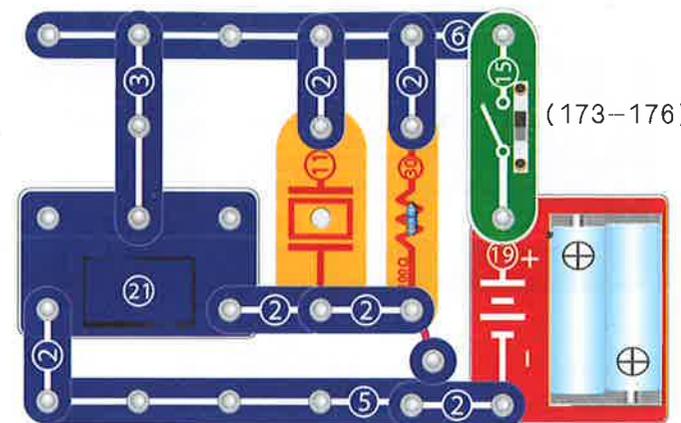
**169. Touch controlled switch buzzing music door-bell circuit**

**170. Light controlled switch buzzing music door-bell circuit**

**171. Electric motor controlled buzzing music door-bell circuit**

**172. Water controlled switch buzzing music door-bell circuit**

Replace the bulb in the circuits 155-160 with 100 ohm resistance, the phenomena of circuits 167-172 can be realized.



**173. Delayed buzzing music door-bell circuit**

Assemble the circuit according to the graph and switch on, the buzzer will send out music and continue a period of time before it stops.

**174. Pressure switch delayed buzzing music door-bell circuit**

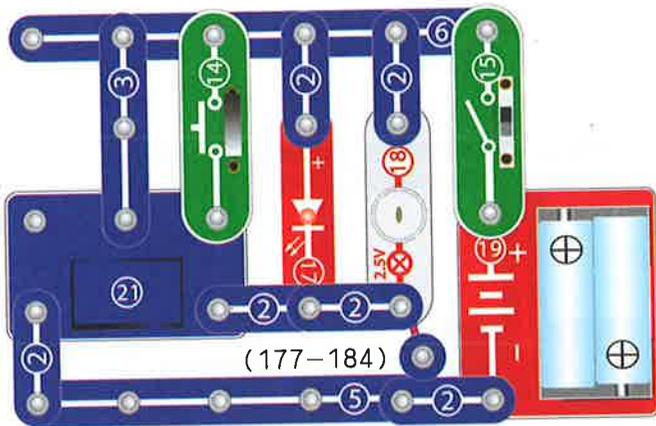
Replace the slide switch in the circuit with pressure button and press the pressure button, the sound-act will send out music and last a period of time before it stops.

**175. Magnetic control delay buzzing music door-bell circuit**

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar close to the magnetic switch, the Sound-activated switch will send out music and last a period of time before it stops.

**176. Touch control delayed buzzing music door-bell circuit**

Replace the slide switch in the circuit with touch pad and use a sheet metal to touch the copper platinum of the touch pad, the Sound-activated switch will send out music and last a period of time before it stops.



**177. Pressure switch circulative intermittent bulb and LED circuit**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the bulb and the red LED will continuously and repeatedly light at the same time.

**178. Magnetic switch circulative intermittent bulb and LED circuit**

Replace the pressure button in the circuit with magnetic switch. Take the magnetic bar close to the magnetic switch and switch on, the circuits can be realized.

**179. Touch controlled circulative intermittent bulb and LED circuit**

Replace the pressure button in the circuit with touch pad. Hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the circuit can be realized.

**180. Conductive piece controlled circulative intermittent bulb and LED circuit**

Replace the pressure button in the circuit with No. 3 conductive piece and switch on, the circuit can be realized.

**181. Resistance controlled circulative intermittent bulb and LED circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the circuit can be realized.

**182. Light-activated switch controlled circulative intermittent bulb and LED circuit**

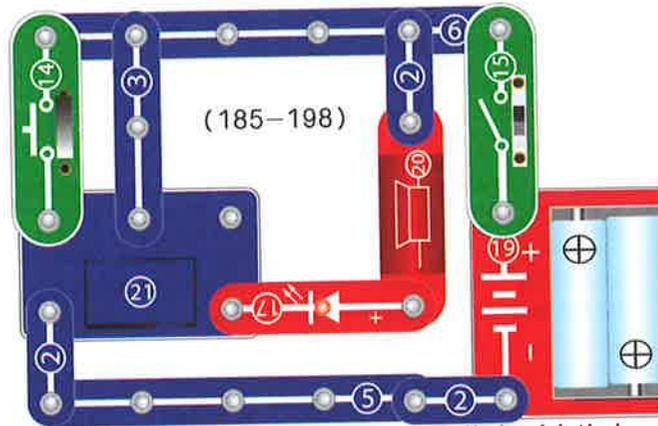
Replace the pressure button in the circuit with Light-activated switch and switch on, the circuit can be realized.

**183. Electric motor controlled circulative intermittent red and green light circuit**

Replace the pressure button in the circuit with electric motor and switch on, the circuit can be realized.

**184. Water controlled switch circulative intermittent red and green light circuit**

Replace the pressure button in the circuit with touch pad and drop a drop of water on the copper platinum of the touch pad, the circuit can be realized.



**185. Pressure switch alto red light birthday blessing circuit**

Assemble the circuit according to the graph and switch on, the speaker will send out music, and the LED will also give out red light. Until the music stops and the LED is off, as you press the pressure button, the speaker will send out music and the LED give out red light again.

**186. Magnetic switch alto red light birthday blessing circuit**

Replace the pressure button in the circuit with magnetic switch and switch on. Until the music

stops and the LED is off, take a magnetic bar close to the magnetic switch, the circuit can be realized.

**187. Touch controlled switch alto red light birthday blessing circuit**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops and the LED is off, press the copper platinum of the touch pad with a sheet metal, the circuit can be realized.

**188. Sound control switch alto red light birthday blessing circuit**

Replace the pressure button in the circuit with sound-activated switch and switch on. Until the music stops and the LED is off, tap the buzzer with hand or blow air to the buzzer, the circuit can be realized.

**189. Light controlled switch alto red light birthday blessing circuit**

Replace the pressure button in the circuit with light-activated switch and switch on. Until the music stops and the LED is off, cover the light activated switch with hand, the circuit can be realized.

**190. Electric motor controlled alto red light birthday blessing circuit**

Replace the pressure button in the circuit with electric motor and switch on. Until the music stops and the LED is off, drive the running shaft of the motor with hand, the circuit can be realized.

**191. Water controlled switch alto red light birthday blessing circuit**

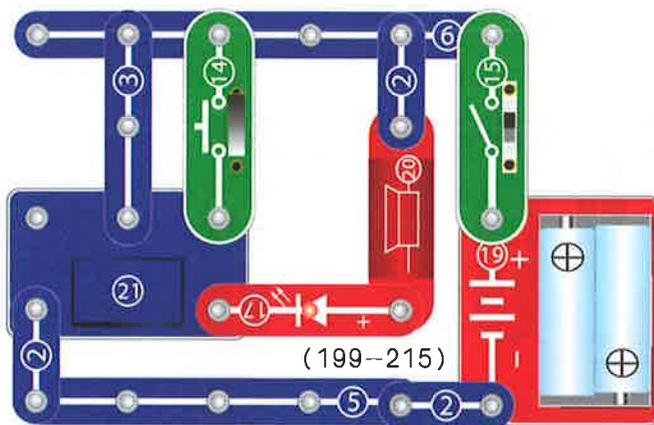
Replace the pressure button in the circuit with touch pad and switch on. Until the music stops and the LED is off, drop a drop of water on the touch pad, the circuit can be realized.

**192. Pressure switch alto light birthday blessing circuit**

**193. Magnetic switch alto light birthday blessing circuit**

**194. Touch controlled switch alto light birthday blessing circuit**

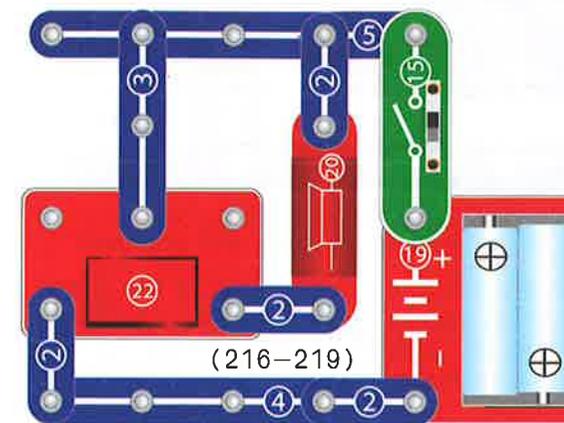
195. Sound controlled switch alto light birthday blessing circuit  
 196. Light controlled switch alto light birthday blessing circuit  
 197. Electric motor controlled alto light birthday blessing circuit  
 198. Water controlled switch alto light birthday blessing circuit  
 Replace the red LED in the circuits 185-191 with 2.5V bulb, the phenomena of circuits 192-198 can be realized.



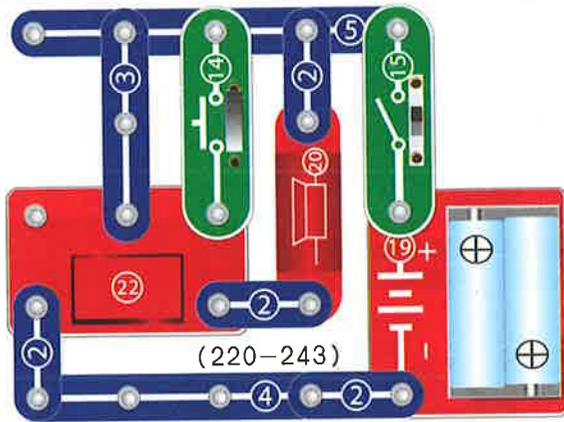
199. Pressure switch circulative alto light birthday blessing circuit  
 Assemble the circuit according to the graph and switch on. As long as you press the pressure button and hold on, the speaker will continuously and repeatedly play the birthday blessing music and the LED will also give out red light.  
 200. Magnetic switch circulative circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with Magnetic switch and switch on. As long as you take one end of the magnetic bar close to the magnetic switch, the circuit can be realized.  
 201. Touch controlled switch circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with touch pad and switch on. As long as you press the copper platinum of the touch pad with a sheet metal, the circuit can be realized.

202. Conductive piece controlled circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with triple connecting piece and switch on, the circuit can be realized.  
 203. Resistance controlled circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with 1K ohm resistance and switch on, the circuit can be realized.  
 204. Light-activated switch controlled circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with light-activated switch and switch on, the circuit can be realized.  
 205. Electric motor controlled circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with electric motor and switch on, the circuit can be realized.  
 206. Water controlled switch circulative alto light birthday blessing circuit  
 Replace the pressure button in the circuit with touch pad and switch on. Drop a drop of water on the copper platinum of the touch pad, the circuit can be realized.  
 207. Pressure switch circulative alto light birthday blessing circuit  
 208. Magnetic switch circulative alto light birthday blessing circuit  
 209. Touch controlled switch circulative alto light birthday blessing circuit  
 210. Conductive piece controlled circulative alto light birthday blessing circuit  
 211. Resistance controlled circulative alto light birthday blessing circuit  
 212. Microphone controlled circulative alto light birthday blessing circuit  
 213. Light-activated switch controlled circulative alto light birthday blessing circuit

214. Electric motor controlled circulative alto light birthday blessing circuit  
 215. Water controlled switch circulative alto light birthday blessing circuit  
 Replace the red LED of the circuits 199-206 with bulb, the phenomena of circuits 207-215 can be realized.



216. Police car sound circuit  
 Assemble the circuit according to the graph and switch on, the speaker will send out the police car sound "hoot, hoot...".  
 217. Magnetic switch police car sound circuit  
 Replace the slide switch in the circuit with magnetic switch and take one end of the magnetic bar close to the magnetic switch, the speaker will send out the police car sound "hoot, hoot...".  
 218. Pressure switch police car sound circuit  
 Replace the slide switch in the circuit with pressure button and press the pressure button by hand, the speaker will send out the police car sound "hoot, hoot...".  
 219. Touch controlled switch police car sound circuit  
 Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal (female button for the conductive piece), the speaker will send out the police car sound "hoot, hoot...".



**220. Pressure switch machine gun sound circuit**

Assemble the circuit according to the graph. As long as you press the pressure button and hold on, switch on, the speaker will "rattle" the machine gun sound.

**221. Magnetic switch machine gun sound circuit**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the magnetic switch and switch on, the Speaker will "rattle" the machine gun sound.

**222. Touch controlled switch machine gun sound circuit**

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and and switch on, the speaker will "rattle" the machine gun sound.

**223. Light-activated switch controlled machine gun sound circuit**

Replace the pressure button in the circuit with light-activated switch and switch on (Don't cover the light on the top of the light-activated switch.), the speaker will "rattle" the machine gun sound.

**224. Electric motor controlled machine gun sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the machine gun sound.

**225. Resistance controlled machine gun sound circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the Speaker will "rattle" the machine gun sound.

**226. Conductive piece controlled machine gun sound circuit**

Replace the pressure button in the circuit with No. 3 conductive piece and switch on, the speaker will "rattle" the machine gun sound.

**227. Water controlled switch machine gun sound circuit**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will "rattle" the machine gun sound.

**228. Pressure switch flashing light circuit**

**229. Magnetic switch flashing light circuit**

**230. Touch controlled switch flashing light circuit**

**231. Light-activated switch controlled flashing light circuit**

**232. Electric motor controlled flashing light circuit**

**233. Resistance controlled flashing light circuit**

**234. Conductive piece controlled flashing light circuit**

**235. Water controlled switch flashing light circuit**

Replace the speaker in the circuits 220-227 with bulb, the phenomena of circuits 228-235 can be realized.

**236. Pressure switch red flashing LED circuit**

**237. Magnetic switch red flashing LED circuit**  
**238. Touch controlled switch red flashing LED circuit**

**239. Light-activated switch controlled red flashing LED circuit**

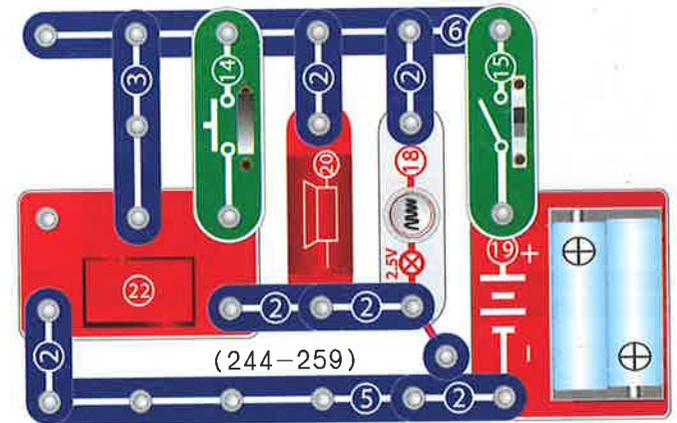
**240. Electric motor controlled red flashing LED circuit**

**241. Resistance controlled red flashing LED circuit**

**242. Conductive piece controlled red flashing LED circuit**

**243. Water controlled switch red flashing LED circuit**

Replace the speaker in the circuits 220-227 with red LED, the phenomena of circuits 228-235 can be realized



**244. Pressure switch light and machine gun sound circuit**

Assemble the circuit according to the graph. Press the pressure button and hold on, and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**245. Magnetic switch light and machine gun sound circuit**

Replace the pressure button in the circuit with magnetic switch. Take one end of the magnetic bar close to the magnetic switch and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**246. Touch controlled switch light and machine gun sound circuit**

Replace the pressure button in the circuit with touch pad

Hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**247. Light-activated switch controlled light and machine gun sound circuit**

Replace the pressure button in the circuit with Light-activated switch and switch on (Do not cover the top light of the Light-activated switch.), the speaker will "rattle" the machine gun sound and the bulb will light.

**248. Electric motor controlled light and machine gun sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**249. Resistance controlled light and machine gun sound circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the Speaker will "rattle" the machine gun sound and the bulb will light.

**250. Conductive piece controlled light and machine gun sound circuit**

Replace the pressure button in the circuit with No. 3 conductive piece and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**251. Water controlled switch light and machine gun sound circuit**

Replace the pressure button in the circuit with touch pad. Drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**252. Pressure switch red light and machine gun sound circuit**

**253. Magnetic switch red light and machine gun sound circuit**

**254. Touch controlled switch red light and machine gun sound circuit**

**255. Light-activated switch controlled red light and machine gun sound circuit**

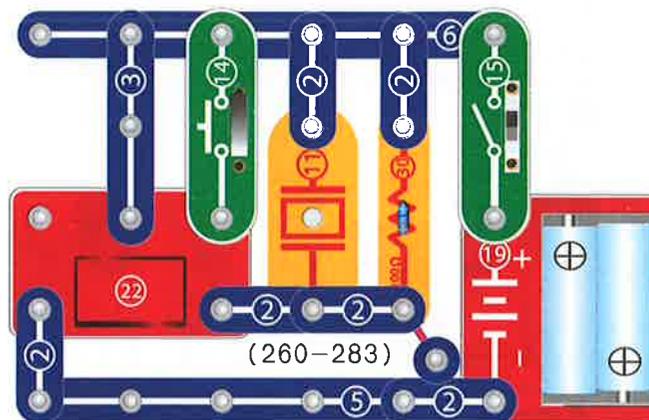
**256. Electric motor controlled red light and machine gun sound circuit**

**257. Resistance controlled red light and machine gun sound circuit**

**258. Conductive piece controlled red light and machine gun sound circuit**

**259. Water switch red light and machine gun sound circuit**

Replace the bulb in the circuits 244-251 with red LED, the phenomena of circuits 252-259 can be realized.



**260. Pressure switch sound-activated sound machine gun sound circuit**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**261. Magnetic switch sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with Magnetic switch and take one end of the magnetic bar close to the Magnetic switch. Hold on and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**262. Touch controlled sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with touch pad and hold on pressing the copper platinum of the touch pad with a sheet metal.

Switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**263. Light-activated switch controlled sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with Light-activated switch and switch on (Do not cover the top light of the Light-activated switch.), the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**264. Electric motor controlled buzzing machine gun sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**265. Resistance controlled sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**266. Conductive piece controlled sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with No. 3 conductive piece and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

**267. Water controlled switch sound-activated switch machine gun sound circuit**

Replace the pressure button in the circuit with touch pad. Drop a drop of water on the copper platinum of the touch pad and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will be alight.

268. Pressure switch sound-activated switch, light and machine gun sound circuit

269. Magnetic switch sound-activated switch, light and machine gun sound circuit

270. Touch controlled switch sound-activated switch, light and machine gun sound circuit

271. Light-activated switch controlled sound-activated switch, light and machine gun sound circuit

272. Electric motor controlled sound-activated switch, light and machine gun sound circuit

273. Resistance controlled sound-activated switch, light and machine gun sound circuit

274. Conductive piece controlled sound-activated switch, light and machine gun sound circuit

275. Water controlled sound-activated switch, light and machine gun sound circuit

Replace the 100 ohm resistance in the circuits 260-267 with bulb, the phenomena of circuits 268-275 can be realized.

276. Pressure switch sound-activated switch, red light and machine gun sound circuit

277. Magnetic controlled sound-activated switch, red light and machine gun sound circuit

278. Touch controlled sound-activated switch, red light and machine gun sound circuit

279. Light-activated switch controlled sound-activated switch, red light and machine gun sound circuit

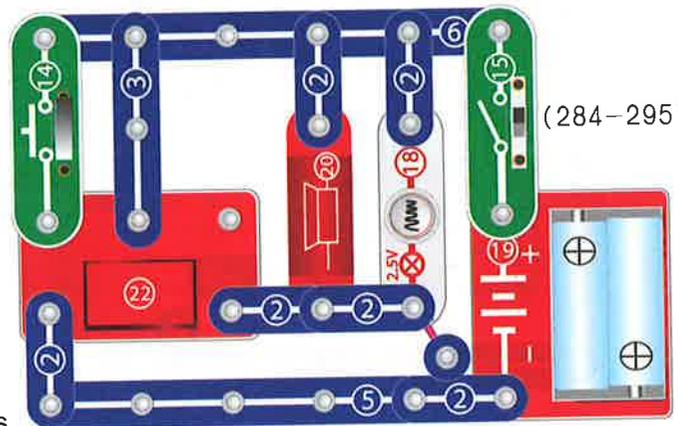
280. Electric motor controlled sound-activated switch, red light and machine gun sound circuit

281. Resistance controlled sound-activated switch, red light and machine gun sound circuit

282. Conductive piece controlled sound-activated switch, red light and machine gun sound circuit

283. Water controlled sound-activated switch, red light and machine gun sound circuit

Replace the 100 ohm resistance in the circuits 244-251 with red LED, the phenomena of circuits 276-283 can be realized.



284. Pressure switch light and fire engine sound circuit

Assemble the circuit according to the graph. Press the pressure button by hand and switch on, the speaker will sound the fire alarm "hoot" and the bulb will also light.

285. Magnetic switch light and fire engine sound circuit

Replace the pressure button in the circuit with Magnetic switch and take one end of the magnetic bar close to the magnetic switch. Switch on, the speaker will sound the fire alarm "hoot" and the bulb will also light.

286. Touch controlled switch light and fire engine sound circuit

Replace the pressure button in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal. Switch on, the

speaker will sound the fire alarm "hoot" and the bulb will also light.

287. Electric motor controlled light and fire engine sound circuit

Replace the pressure button in the circuit with electric motor and switch on, the speaker will sound the fire alarm "hoot" and the bulb will also light.

288. Resistance controlled light and fire engine sound circuit

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the speaker will sound the fire alarm "hoot" and the bulb will also light.

289. Conductive piece controlled light and fire engine sound circuit

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will sound the fire alarm "hoot" and the bulb will also light.

290. Pressure switch red light and fire engine sound circuit

291. Magnetic switch red light and fire engine sound circuit

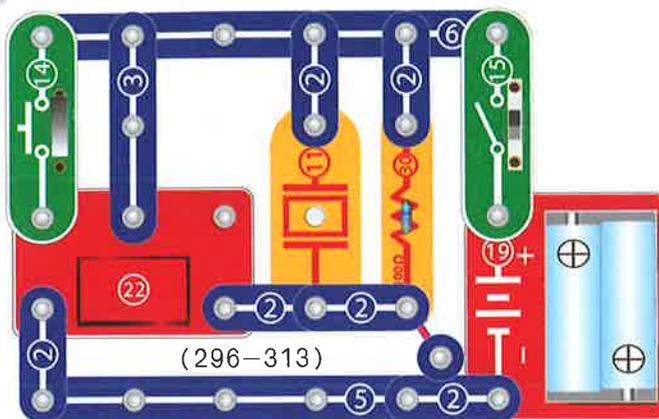
292. Touch controlled switch red light and fire engine sound circuit

293. Electric motor controlled red light and fire engine sound circuit

294. Resistance controlled red light and fire engine sound circuit

295. Conductive piece controlled red light and fire engine sound circuit

Replace the bulb in the circuits 284-289 with red LED, the phenomena of circuits 290-295 can be realized.



**296. Pressure switch fire engine buzzing circuit**

Assemble the circuit according to the graph. Press the pressure button with hand and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**297. Magnetic switch fire engine buzzing circuit**

Replace the pressure button in the circuit with magnetic switch. Take one end of the magnetic bar close to the magnetic switch and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**298. Touch controlled switch fire engine buzzing circuit**

Replace the pressure button in the circuit with touch pad. Press the copper platinum of the touch pad with a sheet metal and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**299. Electric motor controlled fire engine buzzing circuit**

Replace the pressure button in the circuit with electric motor and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**300. Electric motor controlled fire engine buzzing circuit**

Replace the pressure button in the circuit with electric motor and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**301. Conductive piece controlled fire engine buzzing circuit**

Replace the pressure button in the circuit with tripple connecting piece and switch on, the sound-activated switch will "hoot" the fire engine sound and the bulb will light.

**302. Pressure switch light and fire engine buzzing circuit**

**303. Magnetic switch light and fire engine buzzing circuit**

**304. Touch controlled switch light and fire engine buzzing circuit**

**305. Electric motor controlled light and fire engine buzzing circuit**

**306. Resistance controlled light and fire engine buzzing circuit**

**307. Conductive piece controlled light and fire engine buzzing circuit**

Replace the 100 ohm resistance in the circuits 296-301 with bulb, the phenomena of circuits 302-307 can be realized.

**308. Pressure switch red light and fire engine buzzing circuit**

**309. Magnetic switch red light and fire engine buzzing circuit**

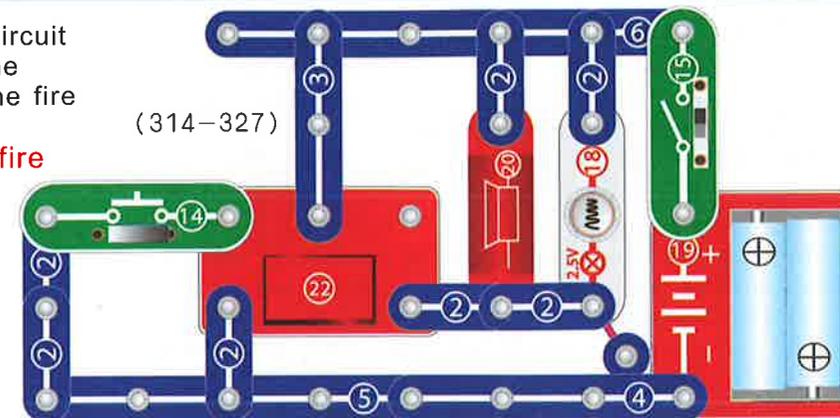
**310. Touch controlled switch red light and fire engine buzzing circuit**

**311. Electric motor controlled red light and fire engine buzzing circuit**

**312. Resistance controlled red light and fire engine buzzing circuit**

**313. Conductive piece controlled red light and fire engine buzzing circuit**

Replace the 100 ohm resistance in the circuits 296-301 with red LED, the phenomena of circuits 308-313 can be realized.



**314. Pressure switch light and ambulance sound circuit**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the speaker will "rattle" the machine gun sound and the bulb is aight.

**315. Magnetic switch light and ambulance sound circuit**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the Magnetic switch and hold on, the speaker will "rattle" the machine gun sound and the bulb is aight.

**316. Touch controlled light and ambulance sound circuit**

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will "rattle" the machine gun sound and the bulb is aight.

**317. Light-activated switch controlled light and ambulance sound circuit**

Replace the pressure button in the circuit with light-activated switch and switch on (Do not cover the top light of the light-activated switch.), the speaker will "rattle" the machine gun sound and the bulb is aight.

**318. Electric motor controlled light and ambulance sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the machine gun sound and the bulb is aight.

### 319. Resistance controlled light and ambulance sound circuit

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the speaker will "rattle" the machine gun sound and the bulb is alight.

### 320. Resistance controlled light and ambulance sound circuit

Replace the pressure button in the circuit with No. 3 conductive piece and switch on, the speaker will "rattle" the machine gun sound and the bulb is alight.

### 321. Pressure switch red light and ambulance sound circuit

### 322. Magnetic switch red light and ambulance sound circuit

### 323. Touch controlled switch red light and ambulance sound circuit

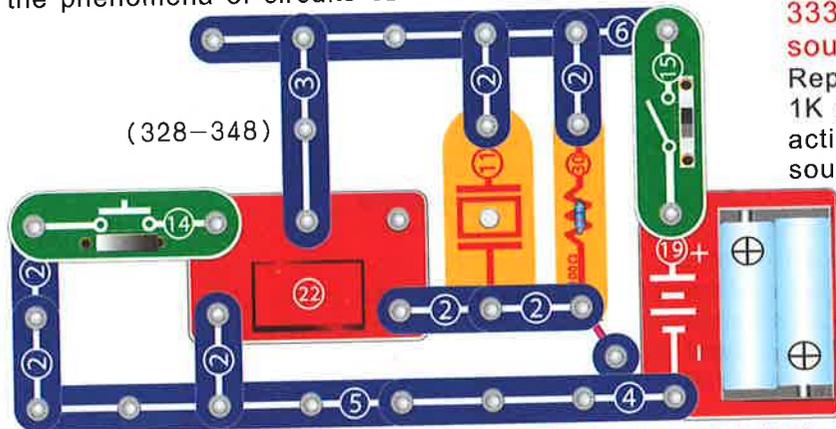
### 324. Light-activated switch controlled red light and ambulance sound circuit

### 325. Electric motor control red red light and ambulance sound circuit

### 326. Resistance control red light and ambulance sound circuit

### 327. Conductive piece controlled red light and ambulance sound circuit

Replace the bulb in the circuits 314-320 with red LED, the phenomena of circuits 321-327 can be realized.



### 328. Pressure switch ambulance sound-activated switch circuit

Assemble the circuit according to the graph. Press the pressure button by hand and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 329. Magnetic switch ambulance buzzing circuit

Replace the pressure button in the circuit with Magnetic switch. Take one end of the magnetic bar close to the Magnetic switch and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 330. Touch controlled ambulance buzzing circuit

Replace the pressure button in the circuit with touch pad. Press the copper platinum of the touch pad with a sheet metal and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 331. Light-activated switch controlled ambulance buzzing circuit

Replace the pressure button in the circuit with light-activated switch and switch on (Do not cover the light of light-activated switch.), the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 332. Electric motor controlled ambulance buzzing circuit

Replace the pressure button in the circuit with electric motor and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 333. Resistance controlled ambulance sound-activated switch circuit

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 334. Conductive piece controlled ambulance buzzing circuit

Replace the pressure button in the circuit with triple connecting piece and switch on, the sound-activated switch will "rattle" the machine gun sound and the bulb will light.

### 335. Pressure switch light and ambulance buzzing circuit

### 336. Magnetic switch light and ambulance buzzing circuit

### 337. Touch controlled switch light and ambulance buzzing circuit

### 338. Light-activated switch controlled light and ambulance buzzing circuit

### 339. Electric motor controlled light and ambulance buzzing circuit

### 340. Resistance controlled light and ambulance buzzing circuit

### 341. Conductive piece controlled light and ambulance buzzing circuit

Replace the 100 ohm resistance in the circuits 328-334 with bulb, the phenomena of circuits 335-341 can be realized.

### 342. Pressure switch red light and ambulance buzzing circuit

### 343. Magnetic switch red light and ambulance buzzing circuit

### 344. Touch controlled switch red light and ambulance buzzing circuit

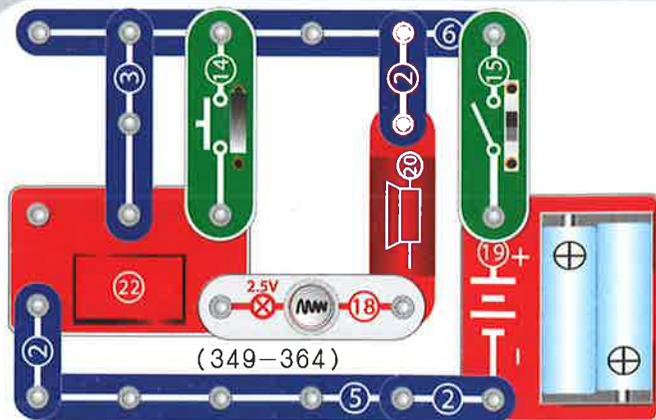
### 345. Light-activated switch controlled red light and ambulance buzzing circuit

### 346. Electric motor controlled red light and ambulance buzzing circuit

### 347. Resistance controlled red light and ambulance buzzing circuit

### 348. Conductive piece controlled red light and ambulance buzzing circuit

Replace the 100 ohm resistance in the circuits 328-334 with LED, the phenomena of circuits 342-348 can be realized.



**349. Pressure switch alto, light and machine gun sound circuit**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button by hand and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**350. Magnetic switch alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the Magnetic switch and hold on, switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**351. Touch controlled switch alto, light and machine gun sound circuit**

Replace the switch button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**352. Light-activated switch controlled alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with Light-activated switch and switch on (Do not cover the light on the top of the Light-activated switch.), the speaker will "rattle" the machine gun sound and the bulb will light.

**353. Electric motor controlled alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**354. Resistance controlled alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**355. Conductive piece controlled alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**356. Water switch alto, light and machine gun sound circuit**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the touch pad and switch on, the speaker will "rattle" the machine gun sound and the bulb will light.

**357. Pressure switch alto, red light and machine gun sound circuit**

**358. Magnetic switch alto, red light and machine gun sound circuit**

**359. Touch switch alto, red light and machine gun sound circuit**

**360. Light-activated switch controlled alto, red light and machine gun sound circuit**

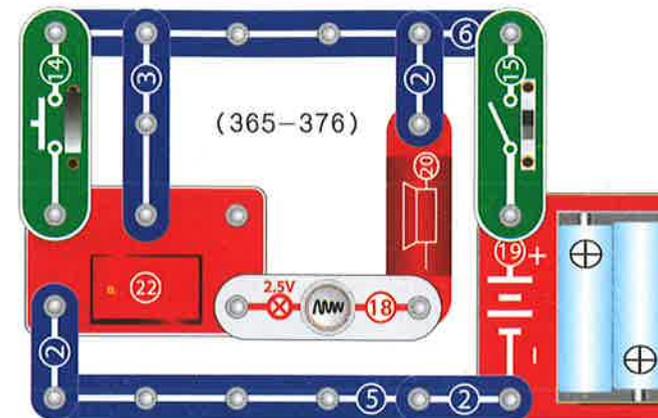
**361. Electric motor controlled alto, red light and machine gun sound circuit**

**362. Resistance controlled alto, red light and machine gun sound circuit**

**363. Conductive piece controlled alto, red light and machine gun sound circuit**

**364. Water controlled switch alto, red light and machine gun sound circuit**

Replace the bulb in the circuits 349-356 with red LED, the phenomena of circuits 357-364 can be realized.



**365. Pressure switch alto, light and fire engine sound circuit**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the speaker will sound the fire alarm "hoot" and the bulb will light.

**366. Magnetic switch alto, light and fire engine sound circuit**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the Magnetic switch and hold on, switch on, the speaker will sound the fire alarm "hoot" and the bulb will light.

**367. Touch controlled alto, light and fire engine sound circuit**

Replace the pressure button in the circuit with touch pad. Hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will sound the fire alarm "hoot" and the bulb will light.

**368. Electric motor controlled alto, light and fire engine sound circuit**

Replace the pressure button in the circuit with electric motor and switch on, the Speaker will sound the fire alarm "hoot" and the bulb will light.

**369. Resistance controlled alto, light and fire engine sound circuit**

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the Speaker will sound the fire alarm "hoot" and the bulb will light.

### 370. Conductive piece controlled alto, light and fire engine sound circuit

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will sound the fire alarm "hoot" and the bulb will light.

### 371. Pressure switch alto, red light and fire engine sound circuit

### 372. Magnetic switch alto, red light and fire engine sound circuit

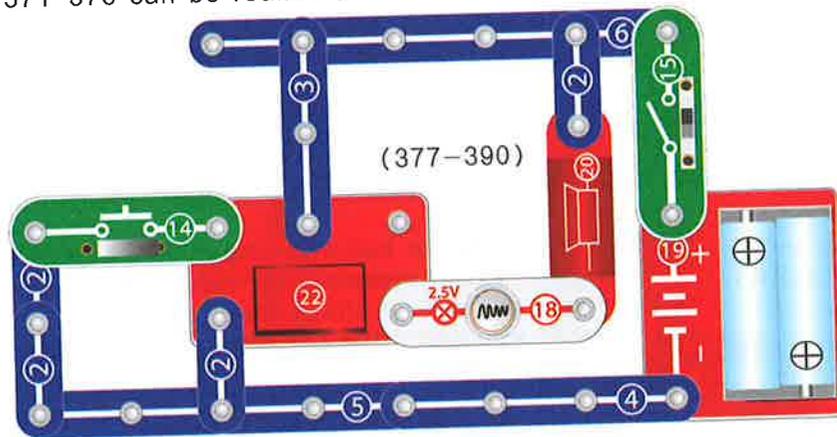
### 373. Touch controlled switch alto, red light and fire engine sound circuit

### 374. Electric motor controlled alto, red light and fire engine sound circuit

### 375. Resistance controlled alto, red light and fire engine sound circuit

### 376. Conductive piece controlled alto, red light and fire engine sound circuit

Replace the bulb in the circuits 365-370 with red LED, the phenomena of circuits 371-376 can be realized.



### 377. Pressure switch alto, light and ambulance sound circuit

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 378. Magnetic switch alto, light and ambulance sound circuit

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the Magnetic switch and hold on, switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 379. Touch controlled switch light and ambulance sound circuit

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 380. Light-activated switch controlled light and ambulance sound circuit

Replace the pressure button in the circuit with Light-activated switch and switch on (Do not cover the light on the top of the Light-activated switch. ), the speaker will "rattle" the ambulance sound and the bulb will light.

### 381. Electric motor controlled light and ambulance sound circuit

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 382. Resistance controlled light and ambulance sound circuit

Replace the pressure button in the circuit with 1K ohm resistance and switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 383. Conductive piece controlled light and ambulance sound circuit

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will "rattle" the ambulance sound and the bulb will light.

### 384. Pressure switch alto, red light and ambulance sound circuit

### 385. Magnetic switch alto, red light and ambulance sound circuit

### 386. Touch controlled switch alto, red light and ambulance sound circuit

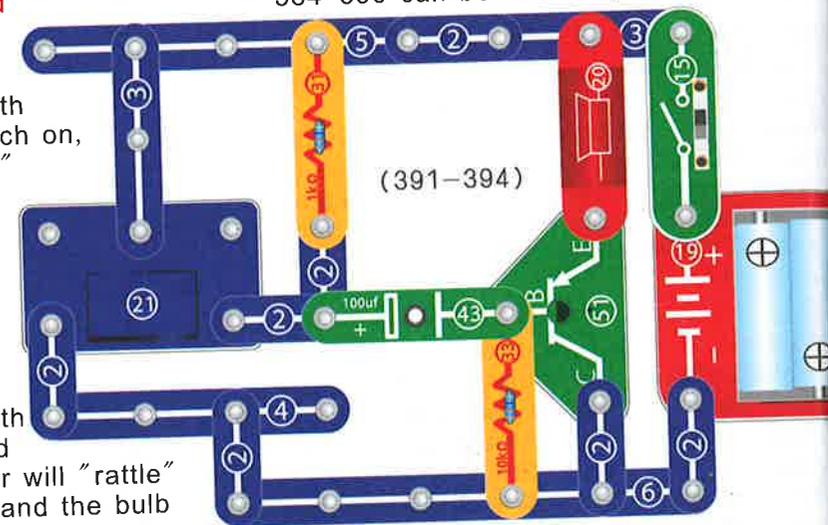
### 387. Light-activated switch controlled alto, red light and ambulance sound circuit

### 388. Electric motor controlled alto, red light and ambulance sound circuit

### 389. Resistance controlled alto, red light and ambulance sound circuit

### 390. Conductive piece controlled alto, red light and ambulance sound circuit

Replace the bulb in the circuits 377-383 with red LED, the phenomena of circuits 384-390 can be realized.



### 391. Capacitive coupling music amplifying circuit (1)

Assemble the circuit according to the graph and switch on, the Speaker will send out music. Switch off, the music will stop playing.

**392. Pressure switch capacitive coupling music amplifying circuit (1)**

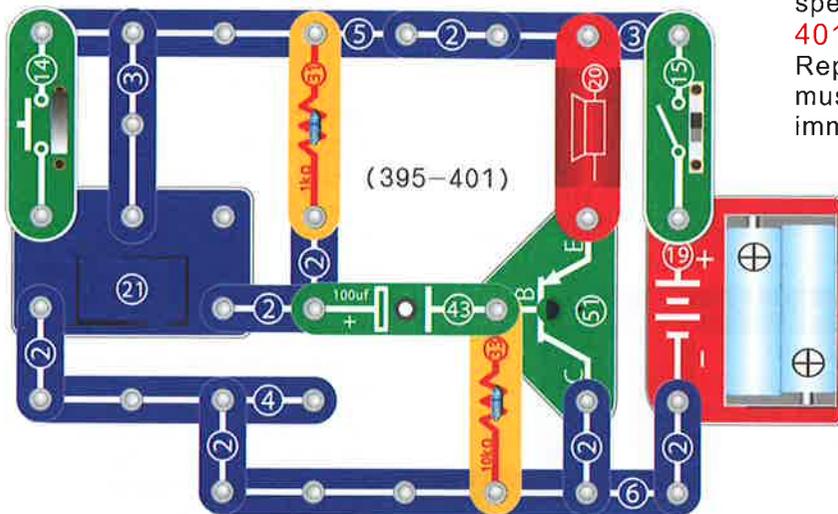
Replace the switch in the circuit with pressure button and press the pressure button, the Speaker will send out music. Release the pressure button, the music will stop playing.

**393. Magnetic switch capacitive coupling music amplifying circuit (1)**

Replace the switch in the circuit with Magnetic switch and take the magnetic bar to touch the magnetic switch, the speaker will send out music. Take away the magnetic bar, the music will stop playing.

**394. Touch controlled switch capacitive coupling music amplifying circuit (1)**

Replace the switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the Speaker will send out music. Take away the a sheet metal, the music will stop playing.



**395. Pressure switch capacitive coupling music amplifying circuit (1)**

Assemble the circuit according to the graph and switch on, the speaker will send out music. Until the music stops, as long as you press the pressure button, the speaker will immediately send out music again.

**396. Magnetic switch capacitive coupling music amplifying circuit (1)**

Replace the pressure button in the circuit with Magnetic switch and switch on. Until the music stops, take a magnetic bar to touch the Magnetic switch, and the Speaker will immediately send out music again.

**397. Touch controlled switch capacitive coupling music amplifying circuit (1)**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops, press the copper platinum of the touch pad with a sheet metal, and the Speaker will immediately send out music again.

**398. Sound controlled switch capacitive coupling music amplifying circuit (1)**

Replace the pressure button in the circuit with sound-activated switch and switch on. Until the music stops, tap the sound-act with your hand or blow air at the buzzer, and the speaker will immediately send out music again.

**399. Light controlled switch capacitive coupling music amplifying circuit (1)**

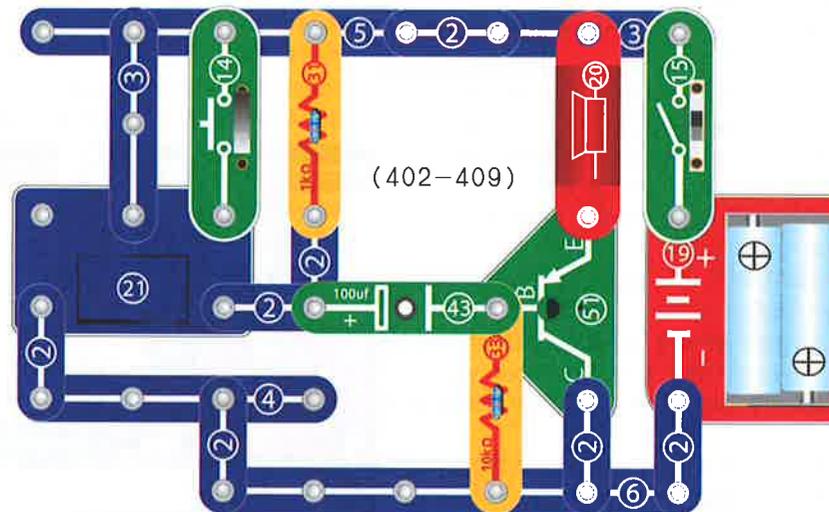
Replace the pressure button in the circuit with light-activated switch and switch on. Until the music stops, as long as you cover the light of the Light-activated switch with your hand, the Speaker will immediately send out music again.

**400. Electric motor controlled capacitive coupling music amplifying circuit (1)**

Replace the pressure button in the circuit with electric motor and switch on. Until the music stops, as long as you drive the running shaft of the motor with your hand, the speaker will immediately send out music again.

**401. Water controlled switch capacitive coupling music amplifying circuit (1)**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops, as long as you drop a drop of water on the touch pad, the Speaker will immediately send out music again.



**402. Pressure switch capacitive coupling music circulation circuit (1)**

Assemble the circuit according to the graph and switch on. As long as you hold on pressing the pressure button by hand, the Speaker will continuously and repeatedly play the birthday blessing music.

**403. Magnetic switch capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with magnetic switch and switch on. As long as you take one end of the magnetic bar close to the magnetic switch and hold on, the speaker will continuously and repeatedly play the birthday blessing music.

**403. Magnetic switch capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with magnetic switch and switch on. As long as you take one end of the magnetic bar close to the magnetic switch and hold on, the speaker will continuously and repeatedly play the birthday blessing music.

**404. Touch controlled switch capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with touch pad and switch on. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal, the speaker will continuously and repeatedly play the birthday blessing music.

**405. Conductive piece controlled capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with No. 3 conductive piece. As long as you switch on, the speaker will continuously and repeatedly play the birthday blessing music.

**406. Resistance controlled capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with 1K ohm resistance. As long as you switch on, the Speaker will continuously and repeatedly play the birthday blessing music.

**407. Light-activated switch controlled capacitive coupling amplification music circulation circuit (1)**

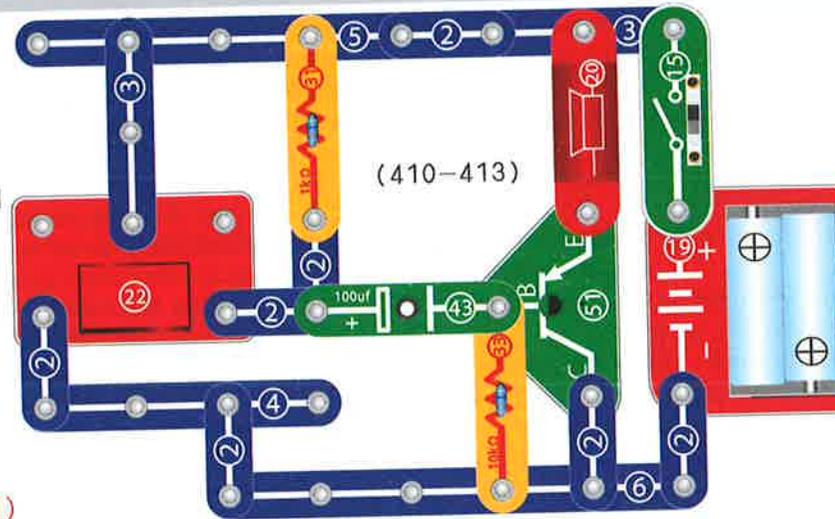
Replace the pressure button in the circuit with light-activated switch. As long as you switch on, the speaker will continuously and repeatedly play the birthday blessing music.

**408. Electric motor controlled capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with electric motor. As long as you switch on, the Speaker will continuously and repeatedly play the birthday blessing music.

**409. Water controlled switch capacitive coupling amplification music circulation circuit (1)**

Replace the pressure button in the circuit with touch pad and switch on. As long as you drop a drop of water on the copper platinum of the touch pad, the speaker will continuously and repeatedly play the birthday blessing music.



**410. Capacitive coupling police car sound amplifying circuit**

Assemble the circuit according to the graph and switch on, the speaker will send out the police car sound "hoot".

**411. Magnetic switch capacitive coupling police car sound amplifying circuit (1)**

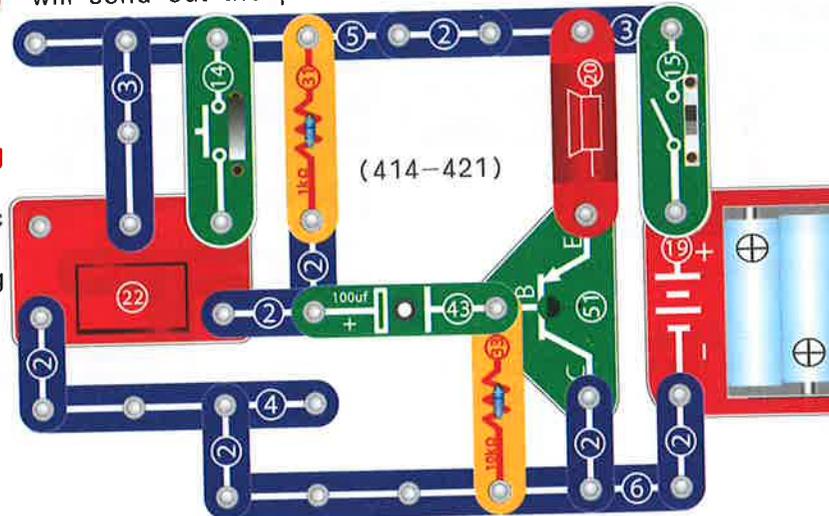
Replace the slide switch in the circuit with magnetic switch and take one end of the magnetic bar close to the magnetic switch, the speaker will send out the police car sound "hoot".

**412. Pressure switch capacitive coupling police car sound amplifying circuit (1)**

Replace the switch in the circuit with pressure button and press the pressure button by hand, the speaker will send out the police car sound "hoot".

**413. Touch controlled capacitive coupling police car sound amplifying circuit (1)**

Replace the switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal (female button for conductive piece), the speaker will send out the police car sound "hoot".



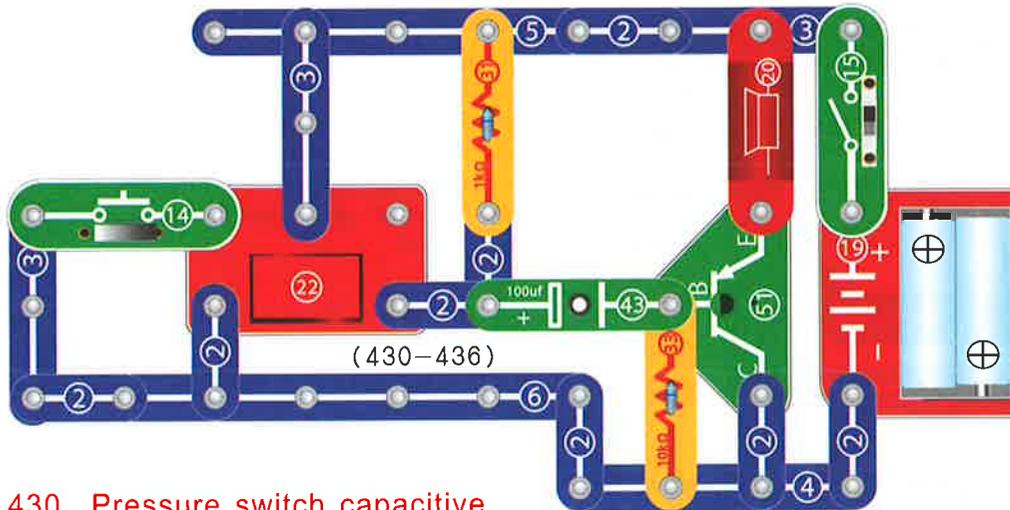
**414. Pressure switch capacitive coupling machine gun sound amplifying circuit (1)**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the Speaker will "rattle" the machine gun sound.

**415. Magnetic switch capacitive coupling machine gun sound amplifying circuit (1)**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar to touch the magnetic switch and switch on, the speaker will "rattle" the machine gun sound.





**430. Pressure switch capacitive coupling ambulance sound amplifying circuit (1)**

Assemble the circuit according to the graph. As long as you hold on pressing the key button and switch on, the speaker will send out the ambulance sound.

**431. Magnetic switch capacitive coupling ambulance sound amplifying circuit (1)**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the magnetic switch and switch on, the speaker will send out the ambulance sound.

**432. Touch controlled switch capacitive coupling ambulance sound amplifying circuit (1)**

Replace the pressure button in the circuit with touch pad. As long as you take hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will send out the ambulance sound.

**433. Light-activated switch controlled capacitive coupling fire engine sound amplifying circuit (1)**

Replace the pressure button in the circuit with light-activated switch and as long as you switch on (Do not cover the light on the top of the light-activated switch.), the speaker will sound the fire alarm "hoot...".

**434. Electric motor controlled capacitive coupling ambulance sound amplifying circuit (1)**

Replace the pressure button in the circuit with electric motor and as long as you switch on, the speaker will send out the ambulance sound.

**435. Resistance controlled capacitive coupling ambulance sound amplifying circuit (1)**

Replace the pressure button in the circuit with 100 ohm resistance and as long as you switch on, the speaker will send out the ambulance sound.

**436. Water controlled switch capacitive coupling ambulance sound amplifying circuit (1)**

Replace the pressure button in the circuit with touch pad and as long as you drop of a drop of water on the copper platinum of the touch pad and switch on, the speaker will send out the ambulance sound.

**437. Capacitive coupling police car sound amplifying circuit (2)**

Assemble the circuit according to the graph and switch on, the speaker will send out the police car sound "hoot...".

**438. Magnetic switch capacitive coupling police car sound amplifying circuit (2)**

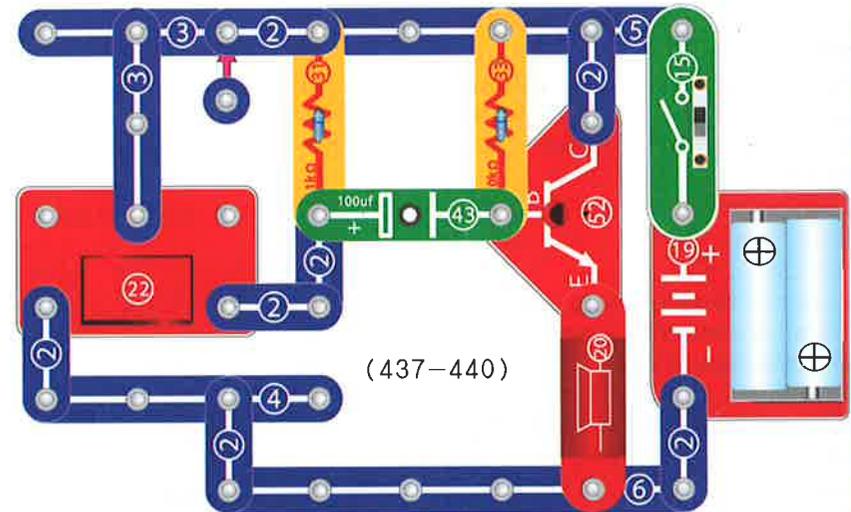
Replace the slide switch in the circuit with magnetic switch and take one end of the magnetic bar close to the magnetic switch, the speaker will send out the police car sound "hoot...".

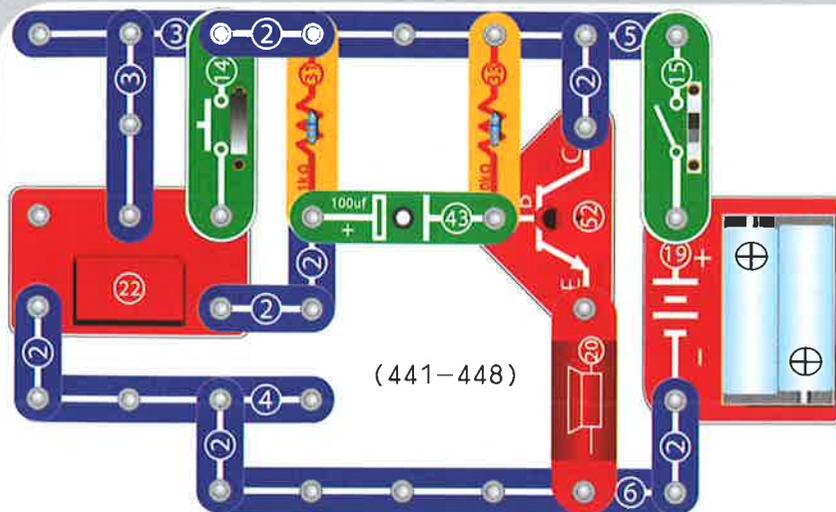
**439. Pressure switch capacitive coupling police car sound amplifying circuit (2)**

Replace the slide switch in the circuit with pressure button and press the pressure button by hand, the speaker will send out the police car sound "hoot...".

**440. Touch controlled capacitive coupling police car sound amplifying circuit (2)**

Replace the switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal (female button for conductive piece), the speaker will send out the police car sound "hoot...".





**441. Pressure switch capacitive coupling machine gun sound amplifying circuit (2)**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the speaker will "rattle" the machine gun sound.

**442. Magnetic switch capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar close to the magnetic switch and switch on, the speaker will "rattle" the machine gun sound.

**443. Touch controlled switch capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the Speaker will "rattle" the machine gun sound.

**444. Light-activated switch controlled capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with Light-activated switch and as long as you switch on (Do not cover the light on the top of the Light-activated switch.), the speaker will "rattle" the machine gun sound.

**445. Electric motor controlled capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with electric motor and switch on, the speaker will "rattle" the machine gun sound.

**446. Resistance controlled capacitive coupling machine gun sound amplifying circuit (2)**

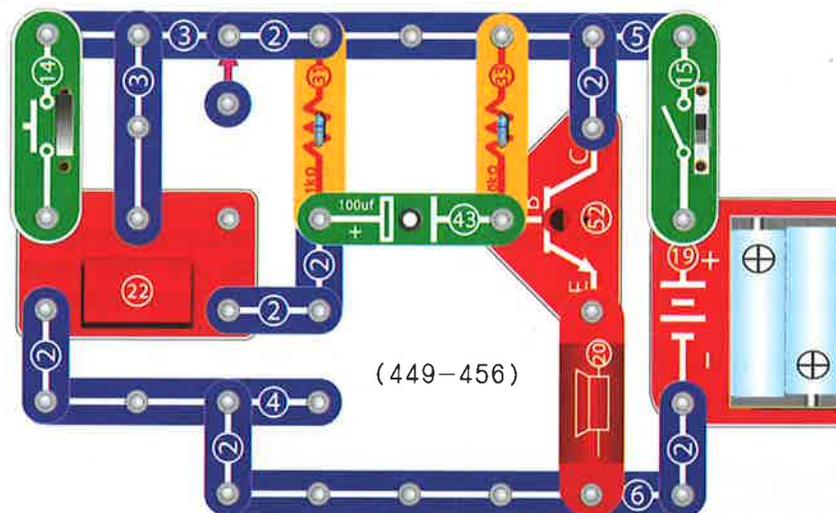
Replace the pressure button in the circuit with 1K ohm resistance and switch on, the Speaker will "rattle" the machine gun sound.

**447. Conductive piece controlled capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will "rattle" the machine gun sound.

**448. Water controlled switch capacitive coupling machine gun sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will "rattle" the machine gun sound.



**449. Pressure switch capacitive coupling fire engine sound amplifying circuit (2)**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button and switch on, the speaker will sound the fire alarm "hoot ...".

**450. Magnetic switch capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar to touch the magnetic switch and hold on, switch on, the speaker will sound the fire alarm "hoot ...".

**451. Touch controlled switch capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal and switch on, the speaker will sound the fire alarm "hoot ...".

**452. Light-activated switch controlled capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with light-activated switch. As long as you switch on (Do not cover the light on the top of the light-activated switch.), the Speaker will sound the fire alarm "hoot ...".

**453. Electric motor controlled capacitive coupling fire engine sound amplifying circuit (2)**

Replace the key button in the circuit with electric motor. As long as you switch on, the speaker will sound the fire alarm "hoot ...".

**454. Resistance controlled capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with 100 ohm resistance. As long as you switch on, the speaker will sound the fire alarm "hoot ...".

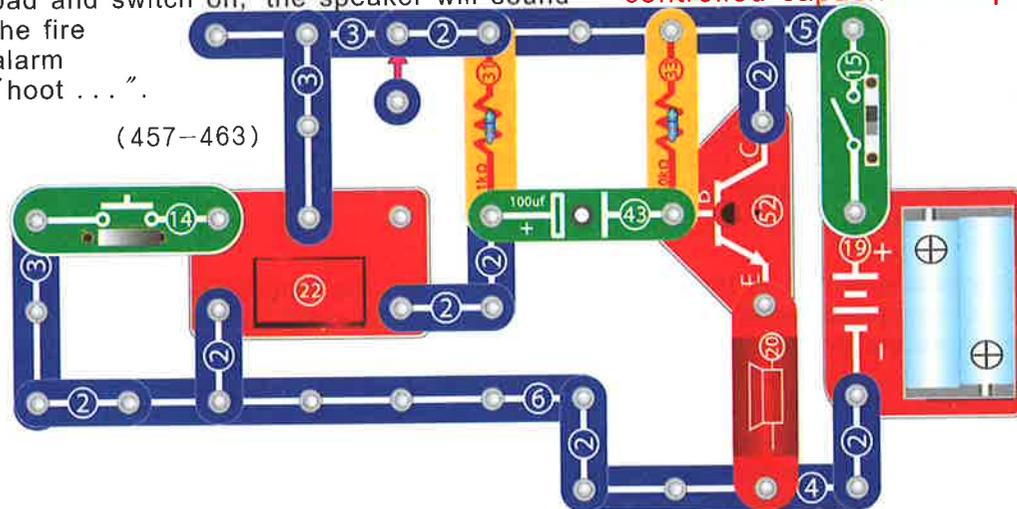
**455. Conductive piece controlled capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with triple connecting piece. As long as you switch on, the speaker will sound the fire alarm "hoot ...".

**456. Water controlled switch capacitive coupling fire engine sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will sound the fire alarm "hoot ...".

(457-463)



**457. Pressure switch capacitive coupling ambulance sound amplifying circuit (2)**

Assemble the circuit according to the graph. As long as you hold on pressing the pressure button by hand and switch on, the speaker will send out the ambulance sound.

**458. Magnetic switch capacitive coupling ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with magnetic switch. As long as you take one end of the magnetic bar to touch the magnetic switch and hold on, switch on, the speaker will send out the ambulance sound.

**459. Touch controlled switch capacitive coupling ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you hold on pressing the copper platinum of the touch pad with sheet metal and switch on, the speaker will send out the ambulance sound.

**460. Light-activated switch controlled capacitive coupling**

**ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with light-activated switch. As long as you switch on (Do not cover the light on the top of the light-activated switch.), the speaker will send out the ambulance sound.

**461. Electric motor controlled capacitive coupling ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with electric motor and as long as you switch on, the speaker will send out the ambulance sound.

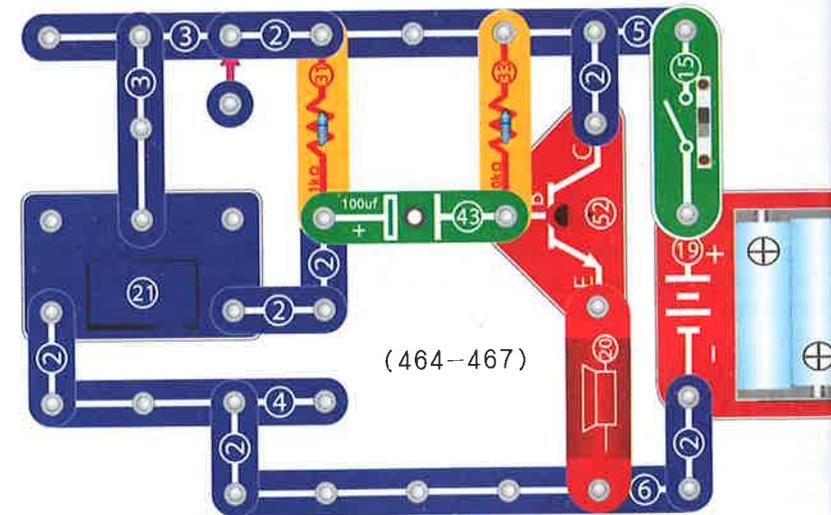
**462. Resistance controlled capacitive coupling ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with 100 ohm resistance and as long as you switch on, the speaker will send out the ambulance sound.

**463. Water controlled switch capacitive coupling ambulance sound amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad and switch on, the speaker will send out the ambulance sound.

(464-467)



**464. Capacitive coupling music amplifying circuit (2)**

Assemble the circuit according to the graph and switch on, the speaker will send out music. Switch off, the music will stop.

**465. Pressure switch capacitive coupling music amplifying circuit (2)**

Replace the switch in the circuit with pressure button and press the pressure button, the speaker will send out music. Release the pressure button, the music will stop.

**466. Magnetic switch capacitive coupling music amplifying circuit (2)**

Replace the slide switch in the circuit with Magnetic switch and take the magnetic bar to touch the magnetic switch, the speaker will send out music. Take away the magnetic bar, and the music will stop.

**467. Touch controlled switch capacitive coupling music amplifying circuit (2)**

Replace the switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the Speaker will send out music. Take away the a sheet metal, and the music will stop.

switch. Until the music stops, if you take a magnetic bar to touch the magnetic switch, the speaker will immediately sound the music again.

**470. Touch controlled switch capacitive coupling music amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops, if you press the copper platinum of the touch pad with a sheet metal, the speaker will immediately sound the music again.

**471. Sound controlled switch capacitive coupling music amplifying circuit (2)**

Replace the pressure button in the circuit with buzzer and switch on. Until the music stops, if you tap the buzzer with hand or blow air at the buzzer, the speaker will immediately sound the music again.

**472. Light controlled switch capacitive coupling music amplifying circuit (2)**

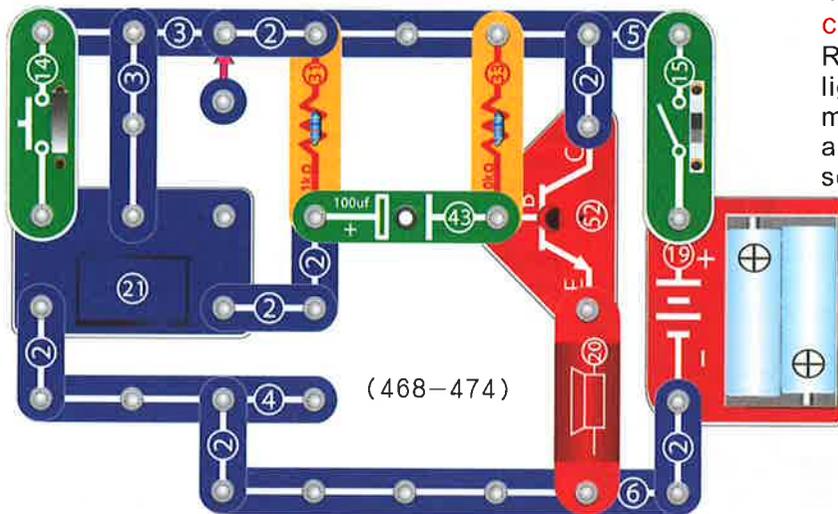
Replace the pressure button in the circuit with light-activated switch and switch on. Until the music stops, if you cover the light of the light-activated switch, the speaker will immediately sound the music again.

**473. Electric motor controlled capacitive coupling music amplifying circuit (2)**

Replace the pressure button in the circuit with electric motor and switch on. Until the music stops, as long as you drive the running shaft of the motor, the speaker will immediately sound the music again.

**474. Water controlled switch capacitive coupling music amplifying circuit (2)**

Replace the pressure button in the circuit with touch pad and switch on. Until the music stops, as long as you drop a drop of water on the touch pad, the speaker will immediately sound the music again.



(468-474)

**468. Pressure switch capacitive coupling music amplifying circuit (2)**

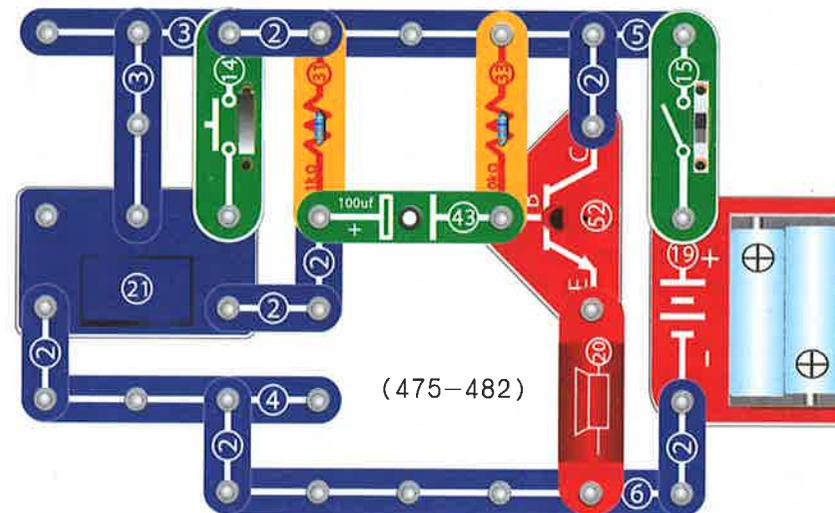
Assemble the circuit according to the graph and switch on, the speaker will send out music. Until the music stops, as long as you press the pressure button by hand, the speaker will immediately sound the music again.

**469. Magnetic switch capacitive coupling music amplifying circuit (2)**

Replace the pressure button in the circuit with magnetic

**475. Pressure switch circulative music capacitive coupling amplification circuit (2)**

Assemble the circuit according to the graph and switch on. As long as you hold on pressing the pressure button by hand, the speaker will continuously and repeatedly play the birthday blessing music.



(475-482)

**476. Magnetic switch circulative music capacitive coupling amplification circuit (2)**

Replace the pressure button in the circuit with Magnetic switch and switch on. As long as you take one end of the magnetic bar to touch the Magnetic switch and hold on, the speaker will continuously repeatedly play the birthday blessing music.

**477. Touch controlled switch circulative music capacitive coupling amplification circuit (2)**

Replace the pressure button in the circuit with touch pad and switch on. As long as you hold on pressing the copper platinum of the touch pad with a sheet metal, the speaker will continuously repeatedly play the birthday blessing music.

**478. Conductive piece controlled circulative music capacitive coupling amplification circuit (2)**

Replace the pressure button in the circuit with triple connecting piece and switch on, the speaker will continuously repeatedly play the birthday blessing music.

**479. Resistance controlled circulative music capacitive coupling amplification circuit (2)**

Replace the pressure button in the circuit with 100 ohm resistance and switch on, the speaker will continuously repeatedly play the birthday blessing music.

**480. Light-activated switch controlled circulative music capacitive coupling amplification circuit (2)**

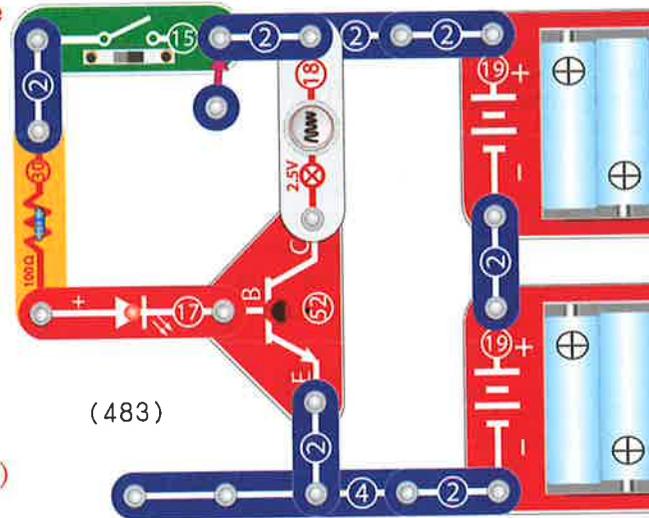
Replace the pressure button in the circuit with Light-activated switch and switch on, the Speaker will continuously repeatedly play the birthday blessing music.

**481. Electric motor controlled circulative music capacitive coupling amplification circuit (2)**

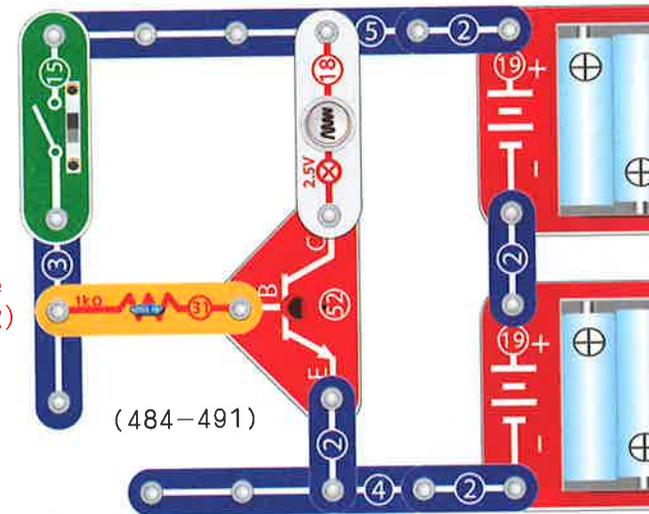
Replace the pressure button in the circuit with electric motor and switch on, the speaker will continuously repeatedly play the birthday blessing music.

**482. Water controlled switch circulative music capacitive coupling amplification circuit (2)**

Replace the pressure button in the circuit with touch pad and switch on. As long as you drop a drop of water on the copper platinum of the touch pad, the speaker will continuously repeatedly play the birthday blessing music.



(483)



(484-491)

**483. Amplification function of NPN triode**

A triode has three poles called base B, collective C and emitter E respectively. As long as the base B has relatively small current passing through, the collective C and emitter E will have large current passing by. This is the current amplification function of triodes. Assemble the circuit according to the graph and switch on, both the LED and the bulb are alight. In the circuit, the current passing through the base of the triode is limited by a 100 ohm resistance, only extremely small current can pass to light the diode, but there are big current passing through the collective of the triode.

**484. NPN triode and bulb circuit (1)**

Assemble the circuit according to the graph, the bulb isn't alight. As you switch on, the bulb is on. When you switch off, the bulb is off.

**485. Pressure switch NPN triode and bulb circuit (1)**

Replace the switch in the circuit with pressure button. As you press the pressure button, the bulb is alight. And when you release the pressure button, the bulb is off.

**486. Magnetic switch NPN triode and bulb circuit (1)**

Replace the switch in the circuit with magnetic switch. As long as you take the

magnetic bar close to the magnetic switch, the bulb is alight. And when you take away the magnetic bar, the bulb is off.

**487. Touch controlled switch NPN triode and bulb circuit (1)**

Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the copper platinum of the touch pad, the bulb will be alight. As you take away the sheet metal, the bulb will be off.

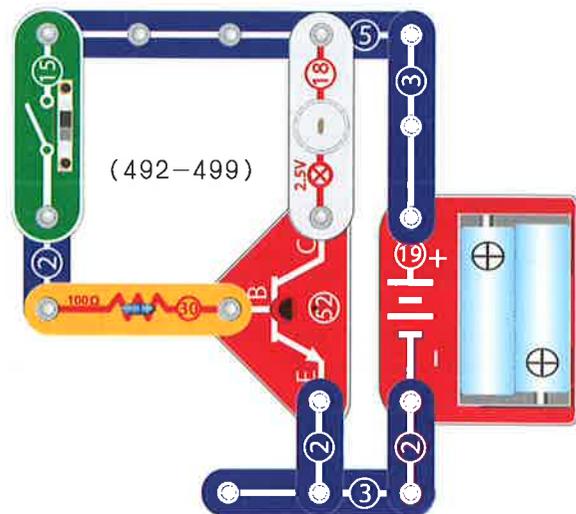
**488. NPN triode and electric fan circuit (1)**

**489. Pressure switch NPN triode and electric fan circuit (1)**

**490. Magnetic switch NPN triode and electric fan circuit (1)**

**491. Touch controlled switch NPN triode and electric fan circuit (1)**

Replace the bulb in the circuits 484-487 with electric motor, and then install the fan blade on the motor, the phenomena of circuits 488-491 can be realized.



**492. NPN triode and bulb circuit (2)**

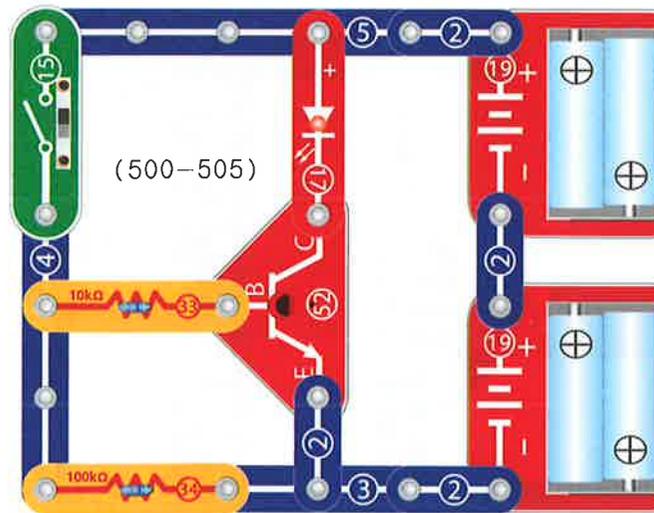
Assemble the circuit according to the graph, the bulb isn't alight. As you switch on, the bulb is alight. Switch off, and the bulb is off.

**493. Pressure switch NPN triode and bulb circuit (2)**

Replace the slide switch in the circuit with pressure button. As you press the pressure button, the bulb is alight. When you release the pressure button, the bulb is off.

**494. Magnetic switch NPN triode and bulb circuit (2)**

Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the bulb will be alight. When you take away the magnetic bar, the bulb will be off.



**500. NPN triode and LED lighting circuit (1)**

Assemble the circuit according to the graph and switch on, the LED is on. Switch off, the LED is off.

**501. Pressure switch NPN triode and LED lighting circuit (1)**

**495. Touch controlled switch NPN triode and bulb circuit (2)**

Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the copper platinum of the touch pad, the bulb will be alight. When you take away the magnetic bar, the bulb will be off.

**496. NPN triode and electric fan circuit (2)**

**497. Pressure switch NPN triode and electric fan circuit (2)**

**498. Magnetic switch NPN triode and electric fan circuit (2)**

**499. Touch controlled switch NPN triode and electric fan circuit (2)**

Replace the bulb in the circuits 492-495 with electric motor, and install fan blade on the motor, the phenomena of circuits 496-499 can be realized.

Replace the slide switch in the circuit with pressure button. As long as you press the pressure button, the LED is alight.

**502. Magnetic switch NPN triode and LED lighting circuit (1)**

Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar to close to the magnetic switch, the LED will flash red.

**503. Touch controlled switch NPN triode and LED lighting circuit (1)**

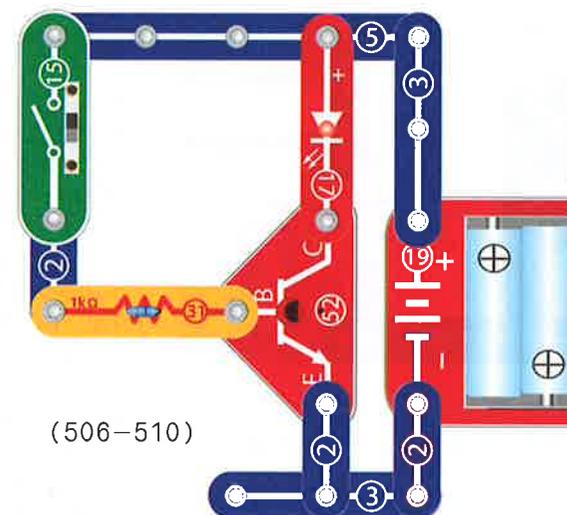
Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the touch pad, the LED will light.

**504. Light controlled switch NPN triode and LED lighting circuit (1)**

Replace the slide switch in the circuit with light-activated switch. As long as you cover the light of the light-activated switch with hand, the LED will be automatically off.

**505. Sound controlled switch NPN triode and LED lighting circuit**

Replace the slide switch in the circuit with sound-activated switch. Is the LED alight? No, but as long as you tap the mouth of the sound-activated switch (or blow air at the sound-activated switch with force), the LED will be on.



**506. NPN triode and LED lighting circuit (2)**

Assemble the circuit according to the graph and switch on, the LED is on; Switch off, the LED is off.

**507. Pressure switch NPN triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with pressure button. As long as you press the pressure button, the LED will be on.

**508. Magnetic switch NPN triode and LED lighting circuit (2)**

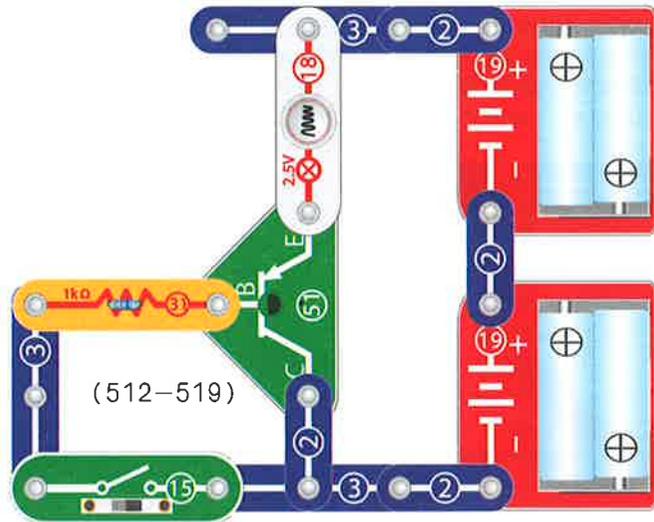
Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the LED will flash red.

**509. Touch controlled switch NPN triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the touch pad, the LED will be on.

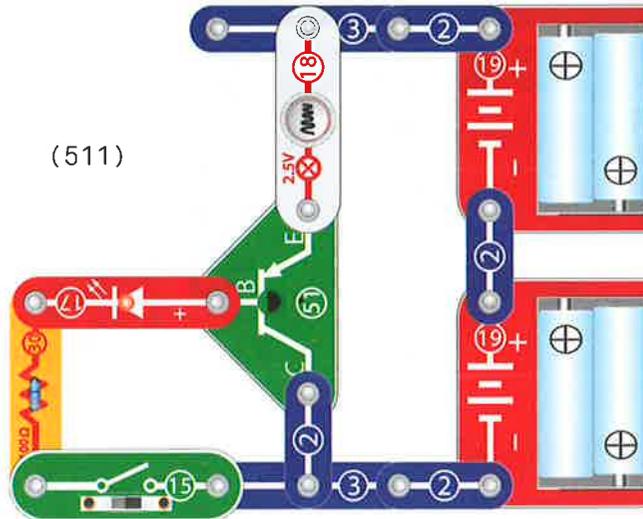
**510. Light controlled NPN triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with light-activated switch, the LED is on. As long as you cover the light of the light-activated switch, the LED will be automatically off.



**512. PNP triode and bulb circuit (1)**

Assemble the circuit according to the graph. As long as you switch on, the bulb will light. Switch off, the bulb will be off.



(511)

**513. Pressure switch PNP triode and bulb circuit (1)**

Replace the slide switch in the circuit with pressure button, the bulb is not alight. As long as you press the pressure button, the bulb will be alight. Release the pressure button, the bulb will be off.

**514. Magnetic controlled PNP triode and bulb circuit (1)**

Replace the switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the bulb will be alight. Take away the magnetic bar, the bulb will be off.

**515. Touch controlled switch PNP triode and bulb circuit (1)**

Replace the slide switch in the circuit with touch pad, and as long as you take the sheet metal to touch the copper platinum of the touch pad, the bulb will be alight. Take away the sheet metal, the bulb will be off.

**516. PNP triode and electric fan circuit (1)**

**517. Pressure switch PNP triode and electric fan circuit (1)**

**518. Magnetic switch PNP triode and electric fan circuit (1)**

**519. Touch controlled switch PNP triode and electric fan circuit (1)**

Replace the bulb in the circuits 512-515 with electric motor and install the fan blade on the motor, the phenomena of circuits 516-519 can be realized.

**511. Amplification function of PNP triode**

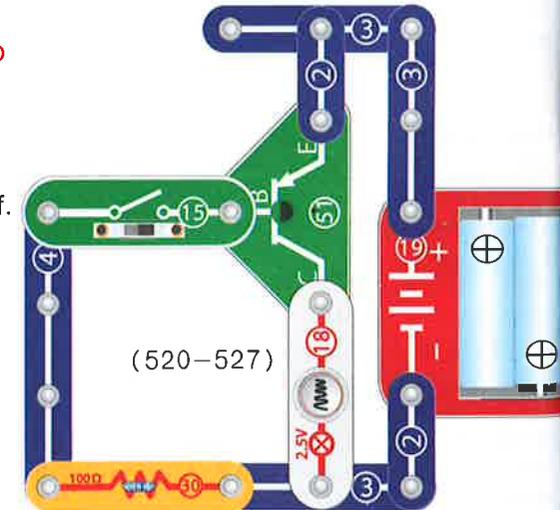
A triode can be classified into NPN typed and PNP typed triode according to PN junction. This LED belongs to PNP typed triode amplification circuit. Assemble the circuit, the LED and the bulb will be alight. This is because when there is small current passing through the base of the triode (It can only light the diode.), the emitter and collective will have big current passed through to light the bulb.

**520. PNP triode and bulb circuit (2)**

Assemble the circuit according to the graph. As you switch on, the bulb will be on. Switch off, the bulb will be off.

**521. Pressure switch PNP triode and bulb circuit (2)**

Replace the slide switch in the circuit with pressure button, the bulb is not alight. As long as you press the pressure button, the bulb will light. Release the pressure button, the bulb will be off.



(520-527)

**522. Magnetic switch PNP triode and bulb circuit (2)**

Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the bulb will light. Take away the magnetic bar, the bulb will be off.

**523. Touch controlled switch PNP triode and bulb circuit (2)**

Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the copper platinum of the touch pad, the bulb will light. Take away the sheet metal, the bulb will be off.

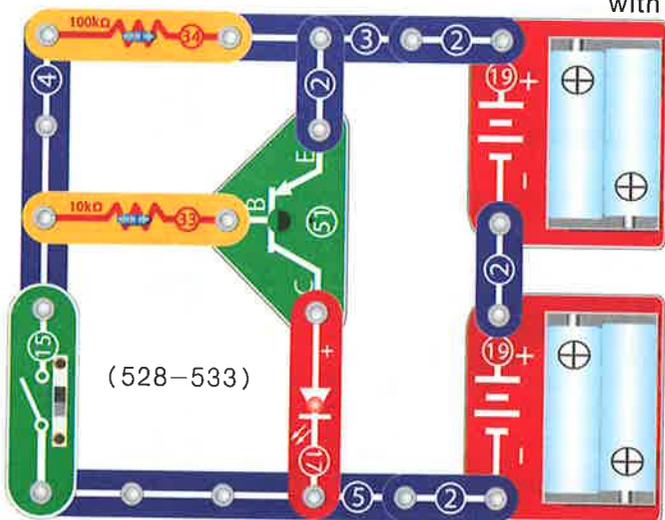
**524. PNP triode and electric fan circuit (2)**

**525. Pressure switch PNP triode and electric fan circuit (2)**

**526. Magnetic switch PNP triode and electric fan circuit (2)**

**527. Touch controlled switch PNP triode and electric fan circuit (2)**

Replace the bulb in the circuits 520-523 with electric motor and install the fan blade, the phenomena of circuits 524-527 can be realized.



**528. PNP triode and LED lighting circuit (1)**

Assemble the circuit according to the graph. Switch on, the LED is on; Switch off, the LED is off.

**529. Pressure switch PNP triode and LED lighting circuit (1)**

Replace the switch in the circuit with pressure button. As long as you press the pressure button, the LED will be alight.

**530. Magnetic switch PNP triode and LED lighting circuit (1)**

Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the LED will flash red.

**531. Touch controlled PNP triode and LED lighting circuit (1)**

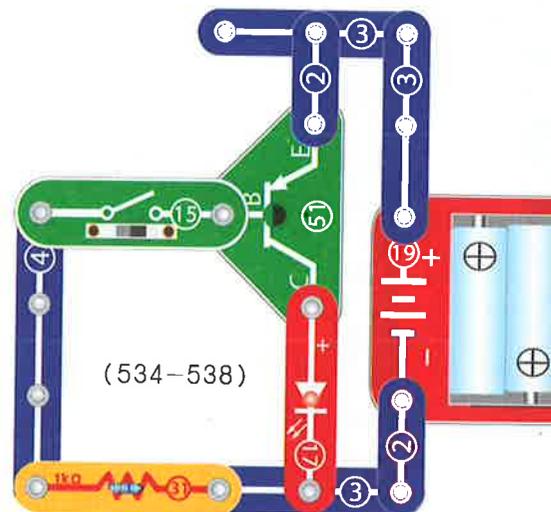
Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the touch pad, the LED will be alight.

**532. Light controlled switch PNP triode and LED lighting circuit (1)**

Replace the slide switch in the circuit with light-activated switch and the LED is on. As long as you cover the light of the light-activated switch with your hand, the LED will be automatically off.

**533. Sound controlled switch PNP triode and LED lighting circuit (1)**

Replace the slide switch in the circuit with buzzer, is the LED alight? No. But as long as you tap the mouth of the sound-activated switch (or blow air at the buzzer sound-activated switch with force.), the LED will be alight.



**534. PNP triode and LED lighting circuit (2)**

Assemble the circuit according to the graph and switch on, the LED is on; Switch off, the LED is off.

**535. Pressure switch PNP triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with pressure button. As long as you press it, the LED will be alight.

**535. Pressure switch PNP triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with pressure button. As long as you press it, the LED will be alight.

**536. Magnetic switch PNP triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the LED will flash red.

**537. Touch controlled switch PNP triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with touch pad. As long as you take the sheet metal to touch the touch pad, the LED will be alight.

**538. Light controlled switch PNP triode and LED lighting circuit (2)**

Replace the slide switch in the circuit with light-activated switch and the LED is on. As long as you cover the light of the light-activated switch, the LED will be automatically off.