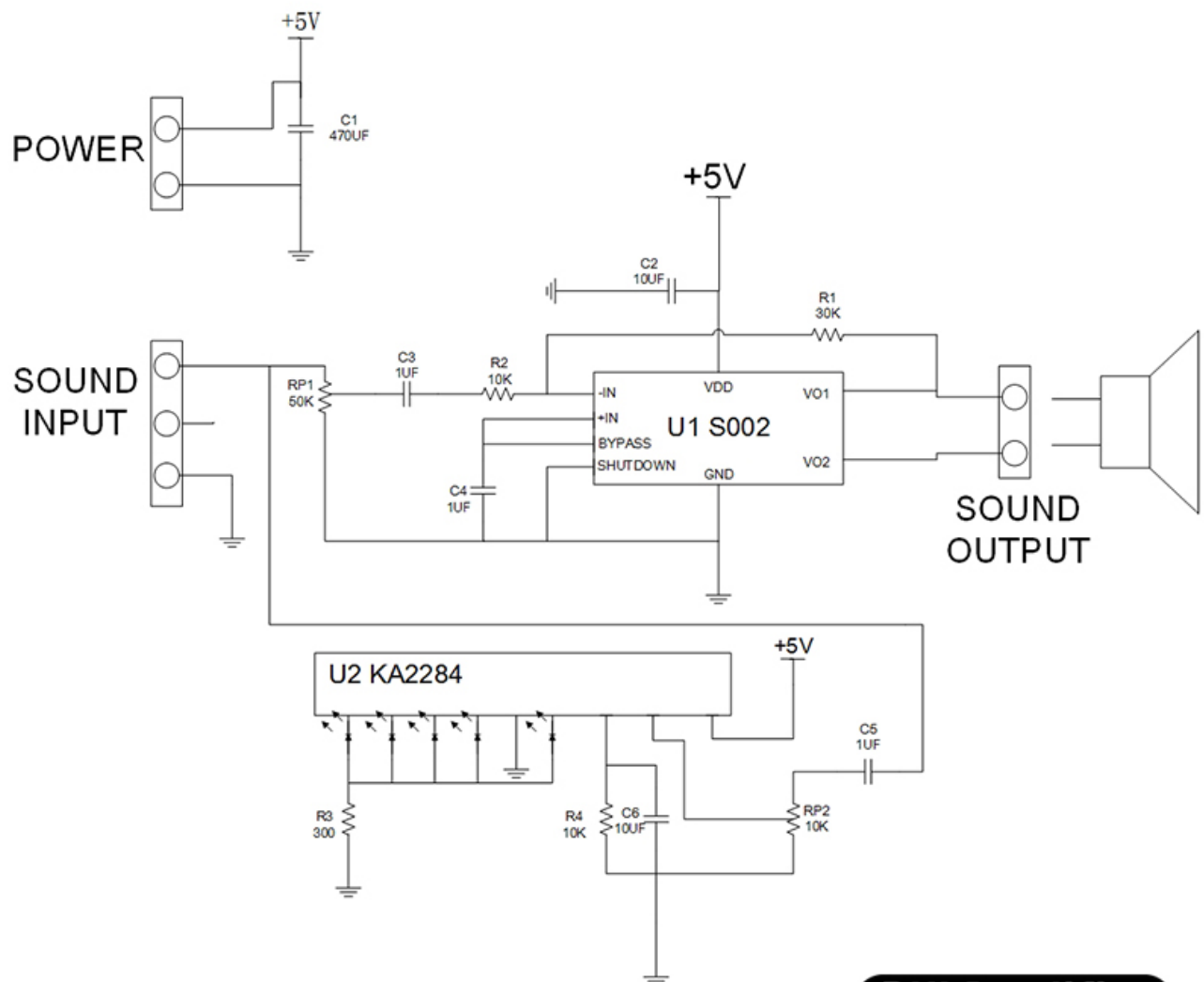


## 1. General description

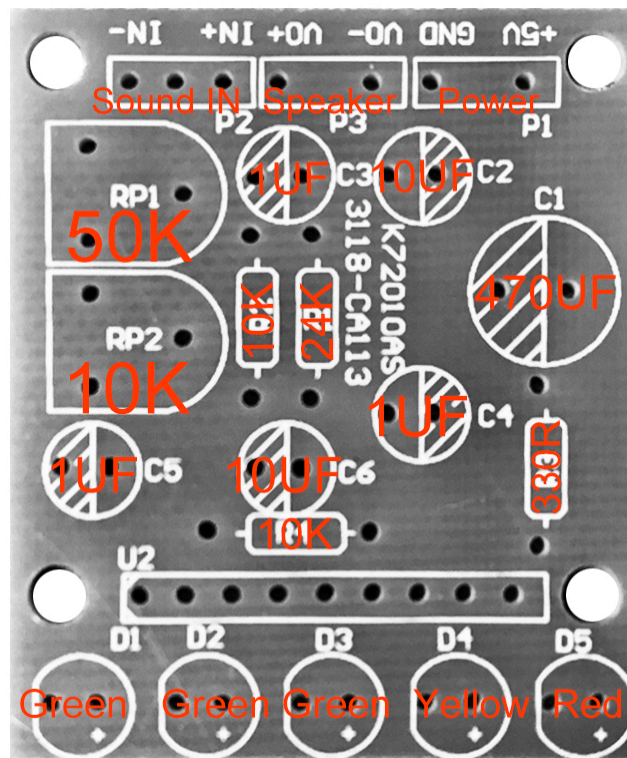


DIY Amplifier Kit is a soldering and assembly DIY kit, which contains two 3W speakers, using a 8002 Amplifier chip, while the Kit also uses the KA2284 chip as a LED driver, it can be used for simple spectrum display. Transparent acrylic shell, let us can see the design of the internal circuit, so that the kit is very maker style. Through soldering and assembly kit, you can learn and master the use of soldering and simple circuit debugging, increase the ability to practice. At the same time, Amplifier Kit is a very practical product, You can enjoy the fun of DIY and music after finishing assembling.

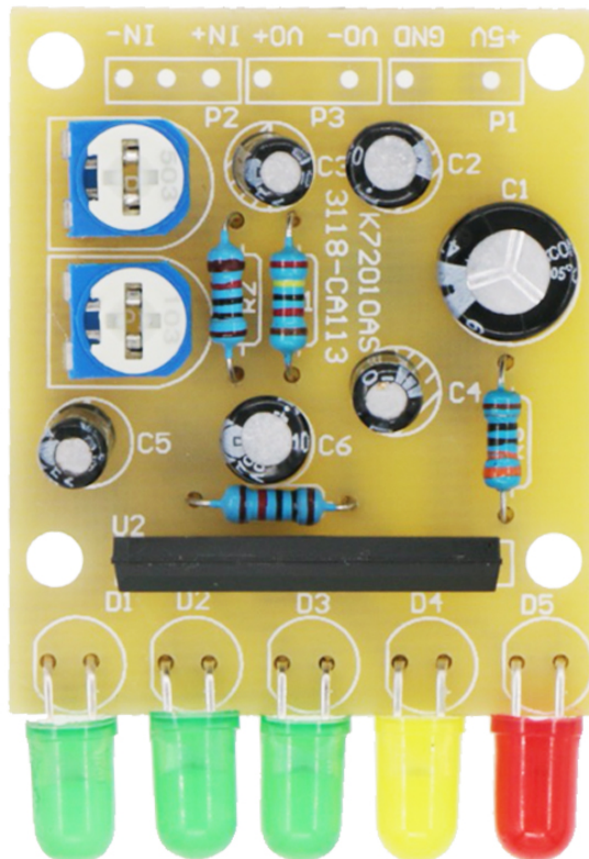
## 2. Schematic



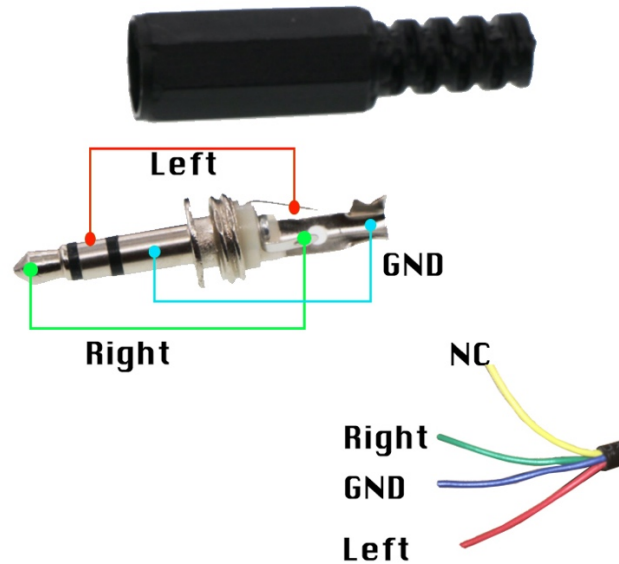
## 3. PCB Assembly



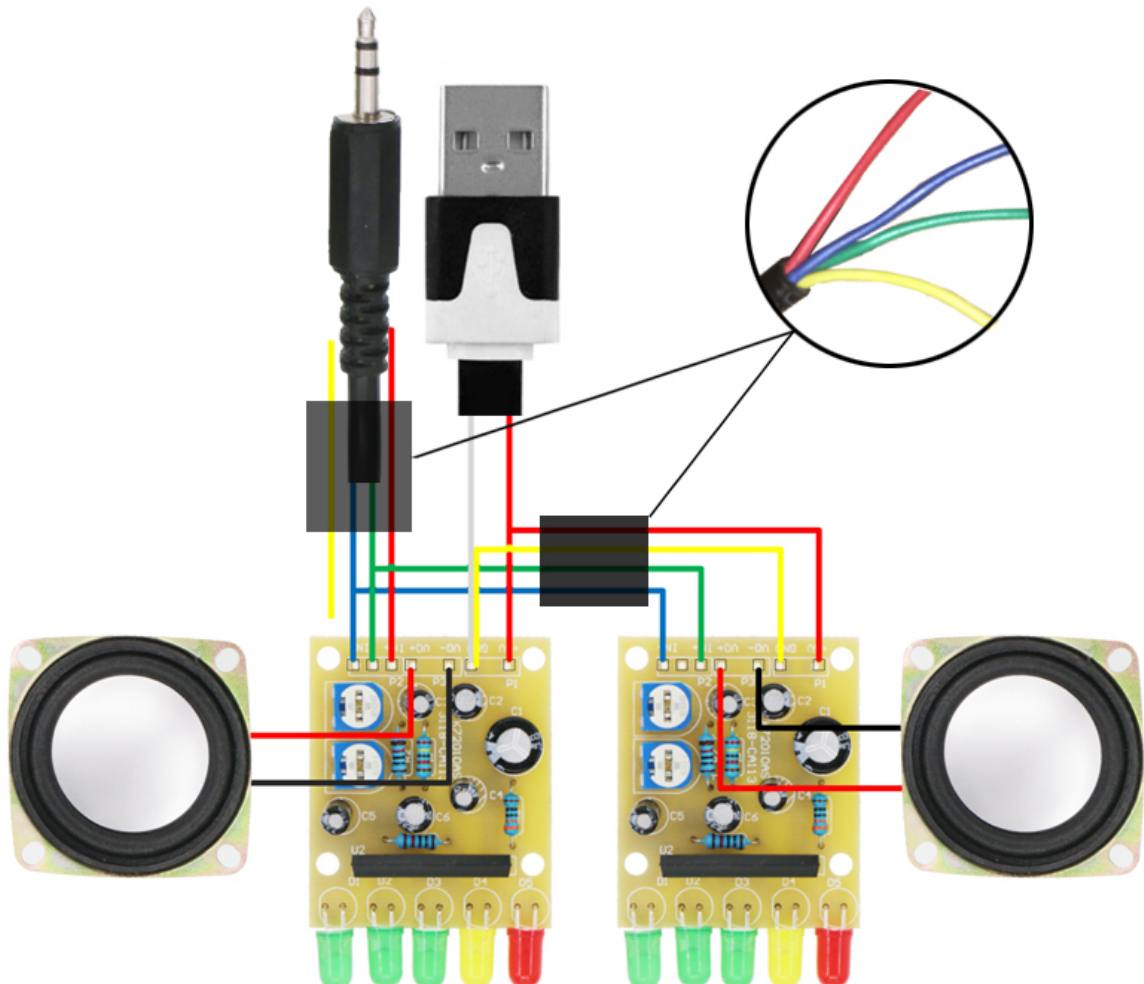
The corresponding position of the components are shown in the figure above. The finish effect is as follows:



#### 4. 3.5 mm Audio port soldering

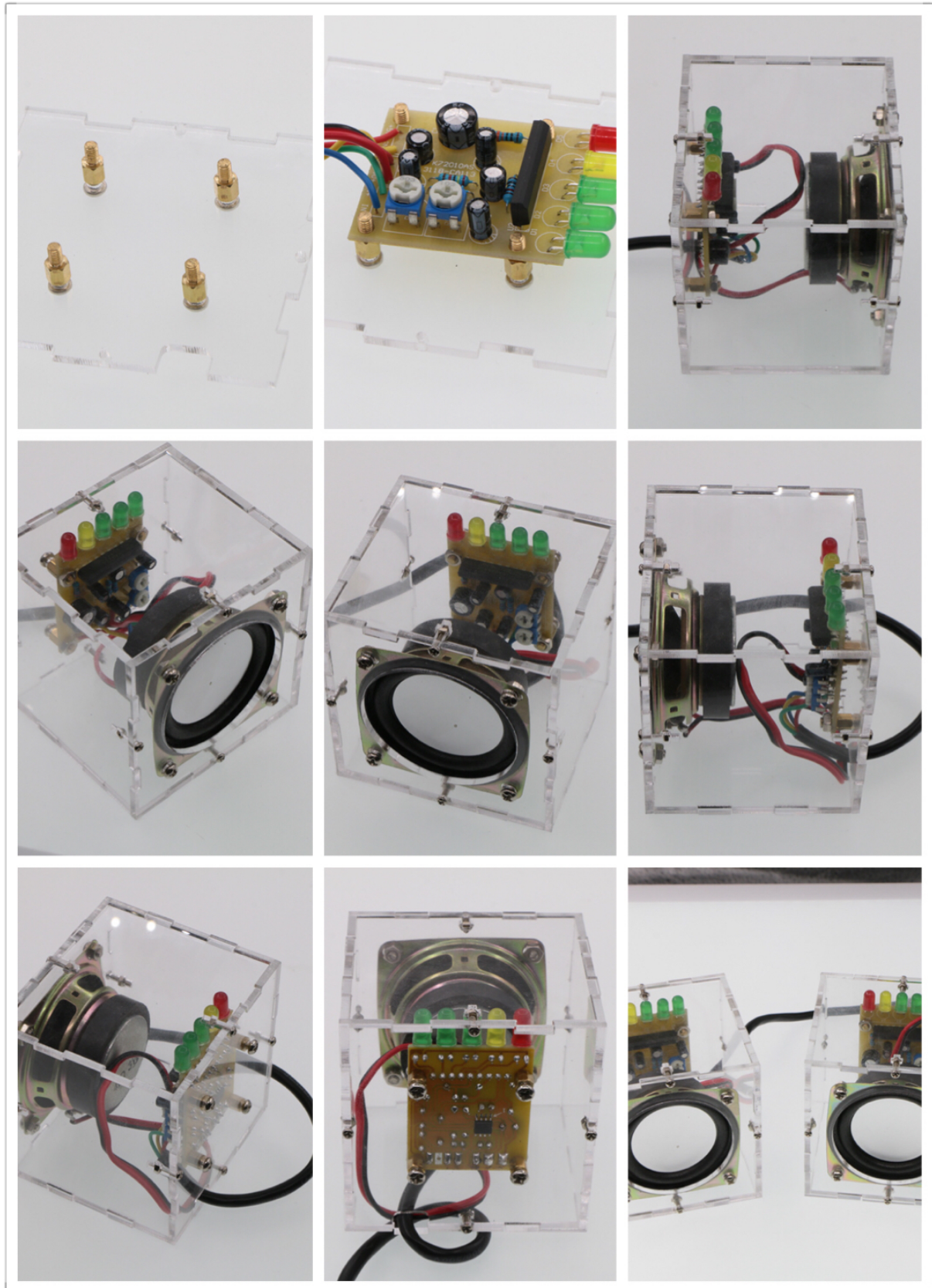


#### 5. PCB wiring diagram





## 6. Assembly



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## 7. Revision history

REVISION	DESCRIPTION	RELEASE DATE
V1.0	Initial version	27/4/2017

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## 8. Contact information

For more information, please visit: <http://www.elecfreaks.com>

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