

ARC REACTOR DIY PARTS

UNLIMITED **POWER**

FULFILLMENT

A **MEANINGFUL** GIFT

MANY METALS

WANT TO BE IRON MAN?

DO IT YOURSELF

SUPER COOL

HIGH DEGREE OF
REDUCTION

EASY TO MAKE

MAKE IT **REAL**

POWERFUL

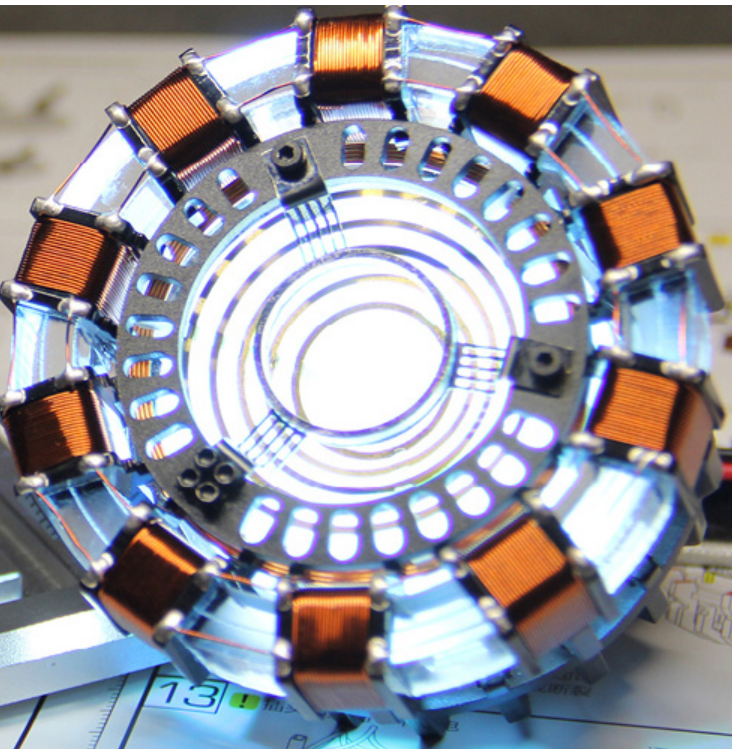
mando studio™

SERIES: ENJOY CREATION

1/1 TH
IRON MAN ARC REACTOR
MARK II



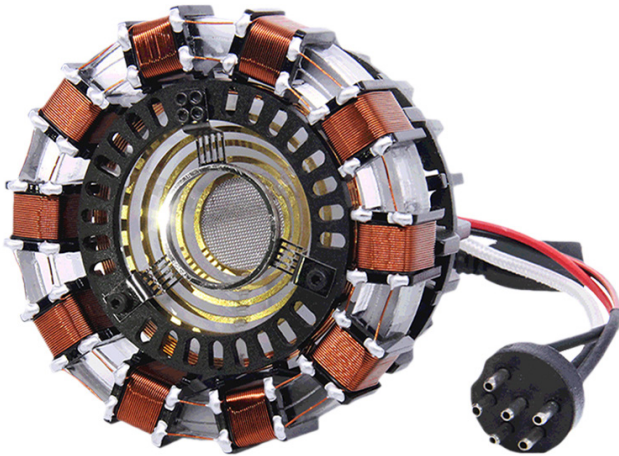
mando studio™



ARC REACTOR DIY PARTS

BRAND INTRODUCTION

Mando studio, founded in 2016, is a young team of dynamic and ingenious designers. In the spirit of originality, we focus on creating the perfect movie game surrounding, model, and handwork.



MARK1 arc reactor
chest piece



MARK2 arc reactor
chest piece



MARK1 arc reactor
chest piece + display box

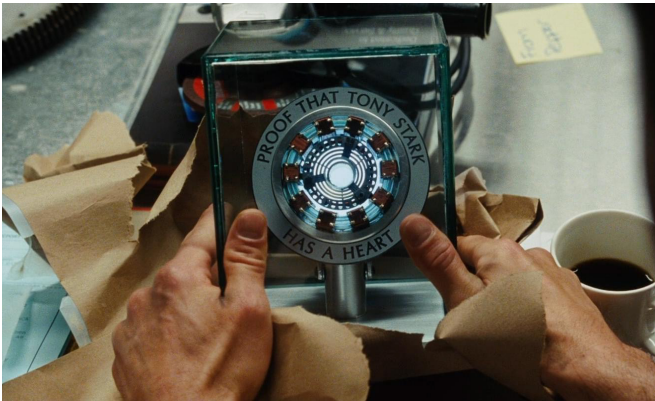


MARK2 arc reactor
chest piece + display box

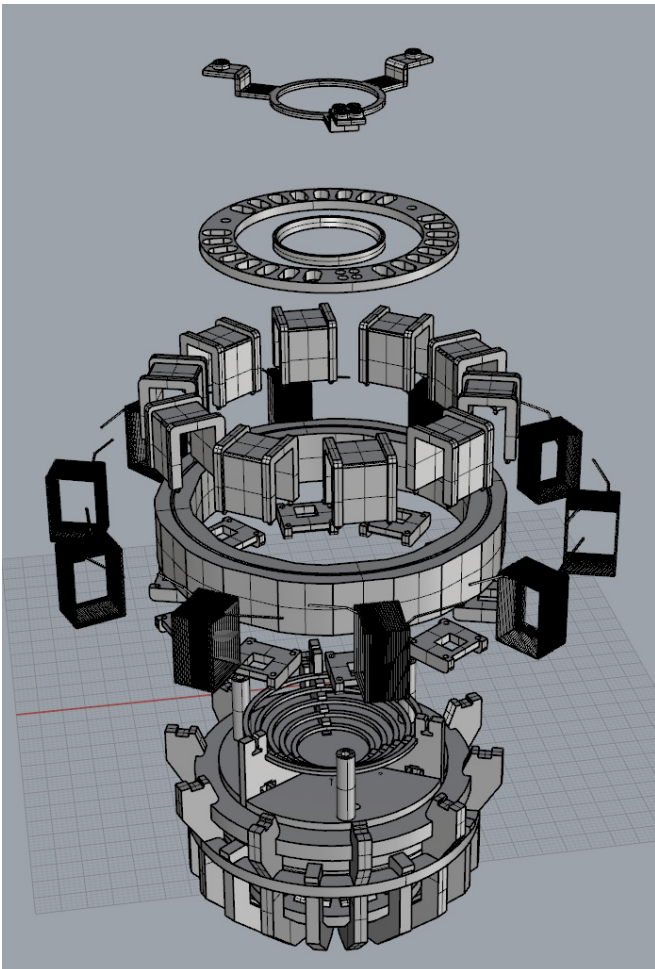
PRODUCT INTRODUCTION

1. DESIGN SCHEME

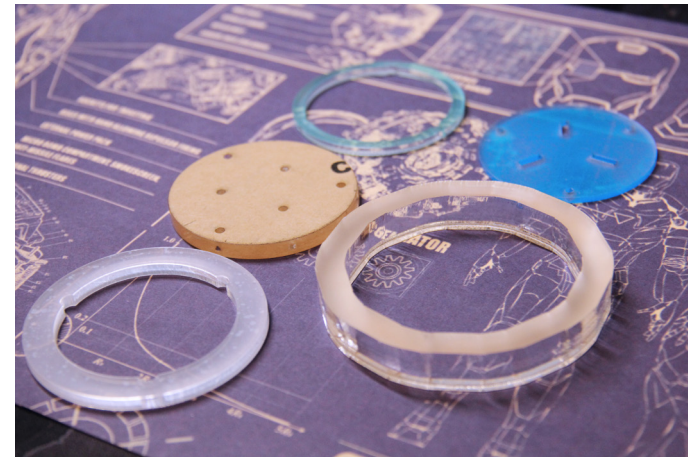
The Arc Reactor Model is a movie model, similar in appearance to the movie props, first appeared in the film MARVEL Iron Man (released in 2008), is the energy device of the Iron Man armor.



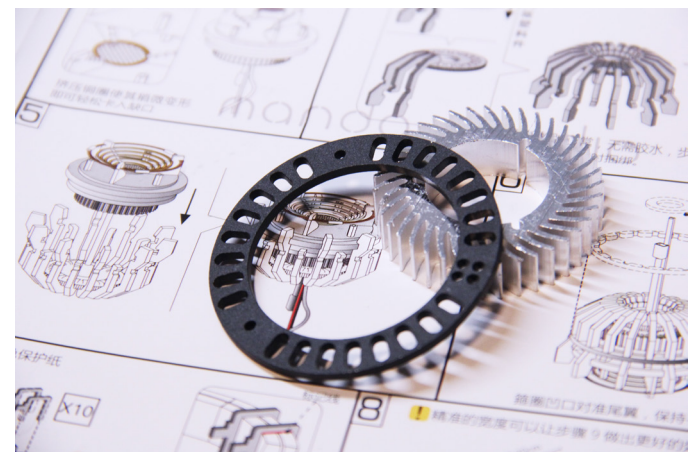
screenshot of the movie 《iron man》



3D model



Spare parts



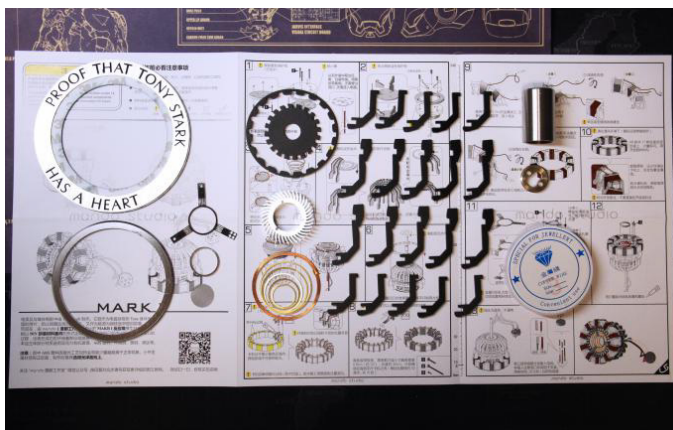
Spare parts

2. PRODUCT SELLING POINT

This product comes in the form of DIY assembling material kit, the structure, parts, are original design, according to the instructions on the steps, the customer can create a film full of science and technology in the arc reactor model. According to the current market survey, many customers enjoy the production process after purchasing, and are willing to share their production experience after completion, which is very fulfilling and satisfying.



Product packaging



Spare parts

"DO IT YOURSELF"

"ENJOY IS THE FUN OF BEING IRON MAN"

ATTENTIONS

This product is not a toy. Not suitable for children under 14 years of age due to small parts and pointed components. Choking hazard. Please retain this information for future reference.

Please read the attentions

- Please prepare the following tools in advance, including the pliers, needle-nose pliers and the equipped toolkit.
- Use hot glue as possible as you can, so as to avoid it turns white, it is better to use the equipped glue dropper, do not blow it by your mouth. Wear the gloves in necessary.
- Tear off all the protective films (yellow, blue and transparent) on the surface of materials.

ARC REACTOR MARK II

MARK II

ARC REACTOR in the film is manufactured by Tony Stark. It not only can as the electromagnet to absorb the remaining shrapnel in the Tony's body, prevents his blood flow into the heart, but also can as the energy source to provide the energy for the steel armor. And now, MARK II reactor mode which was designed by Mando Studio. In your hand, it appears by the DIY assembling materials suite form. You will can experience the process of the energy core is created by yourself, and you will carry that sense of success and share the joy with your friends.

Attention: Due to the laser technology, ABS plastic will cause to a small mass of mist mark when heating, which belongs to the normal phenomenon. The small metal materials have the front and back side, it is better to select the upward glossy surface when carrying out the manufacturing.

Focus on the WeChat Official Account of Mando Studio, obtain more detailed graphic tutorials.

Scan the WeChat to obtain the specification of real pictures.

A Tear off the yellow and blue protective paper (can soak in the water)

B Use the red, black and white lines and power line by the black adhesive tapes.

C Estimate the copper ring to deform it to easily slip into the gap.

D According to the assembled version, refer to the corresponding manufacturing specification.

E Make the plug in the balanced status, press the hoop ring in it, and glue.

F Keep it in the balanced status, press the hoop ring in it, and glue.

G Tear off the yellow paper.

H Paste the black parts on the yellow marked area in the diagram above.

I Cut 4 metal lines.

J Tear off the protective paper on double-sided tape, and paste it on the press-winded with the black adhesive tapes.

K Put the normal phenomenon of appear the white crack.

L Bend it a little by the pliers.

M Bend it by pliers.

N Coat the appropriate glue to stick the metal.

O The plug is the ornament, no electricity.

Instructions

ARC REACTOR DIY PARTS

3. PRODUCT EXPERIENCE

After assembly, the products can be powered by USB. It has a powerful visual perception. No matter whether the lamp is turned off or put out, the overall appearance to the detail ratio is very good.

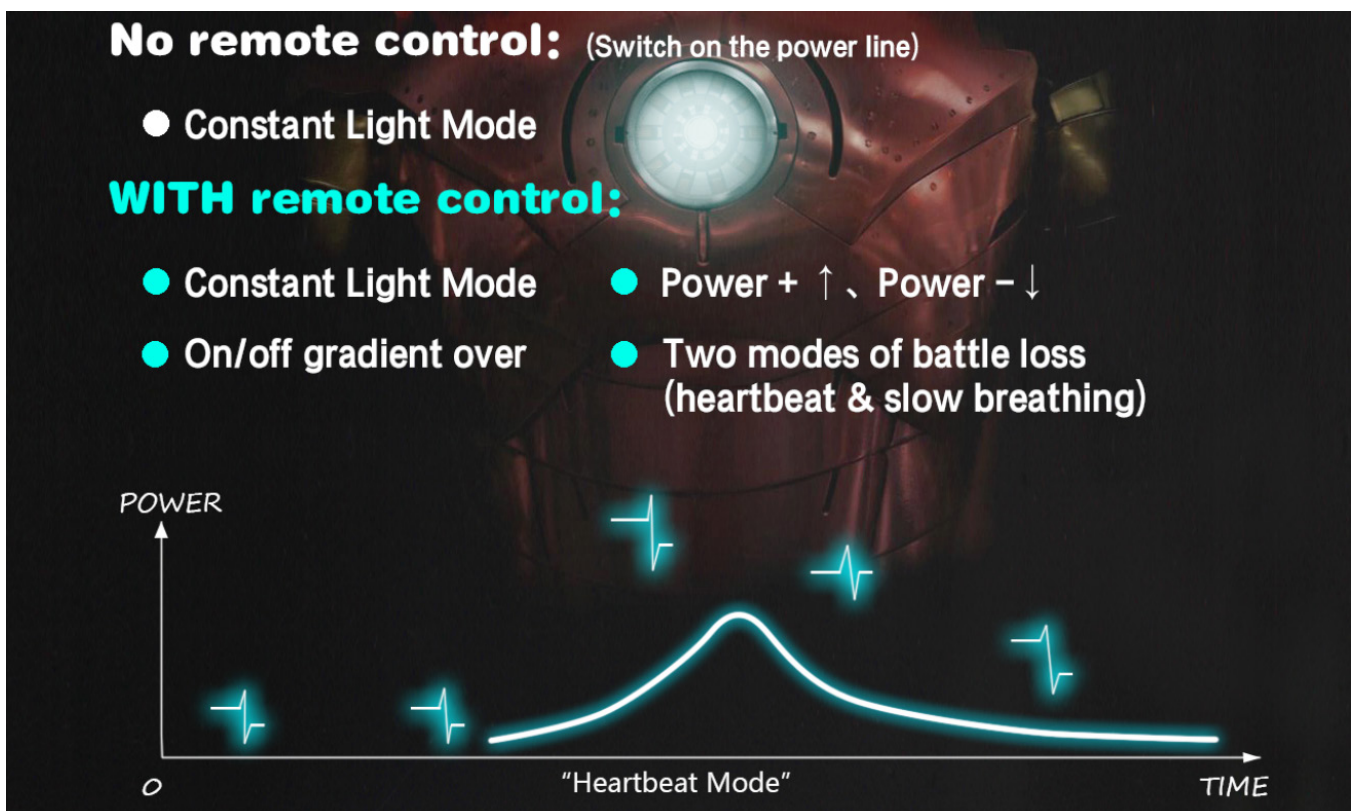


20000 h+ lighting life
Powered by USB
5V voltage, maximum power 3W

LED light source

10 meters remote control
(exclusive remote control version)

EXCELLENT LIGHTING EFFECTS JUST LIKE THE REAL ENERGY CORE



No remote control: (Switch on the power line)

- Constant Light Mode

WITH remote control:

- Constant Light Mode
- Power + ↑、Power - ↓
- On/off gradient over
- Two modes of battle loss (heartbeat & slow breathing)

POWER

0

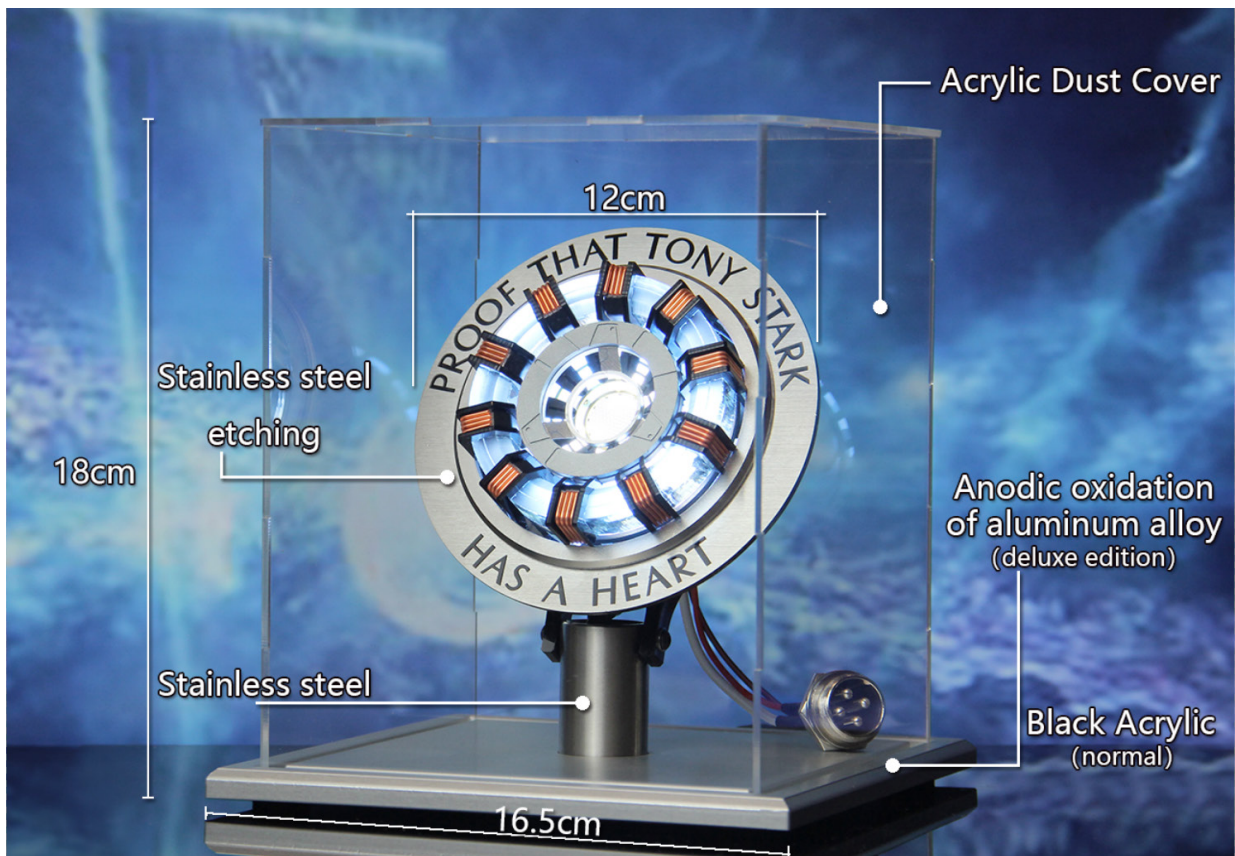
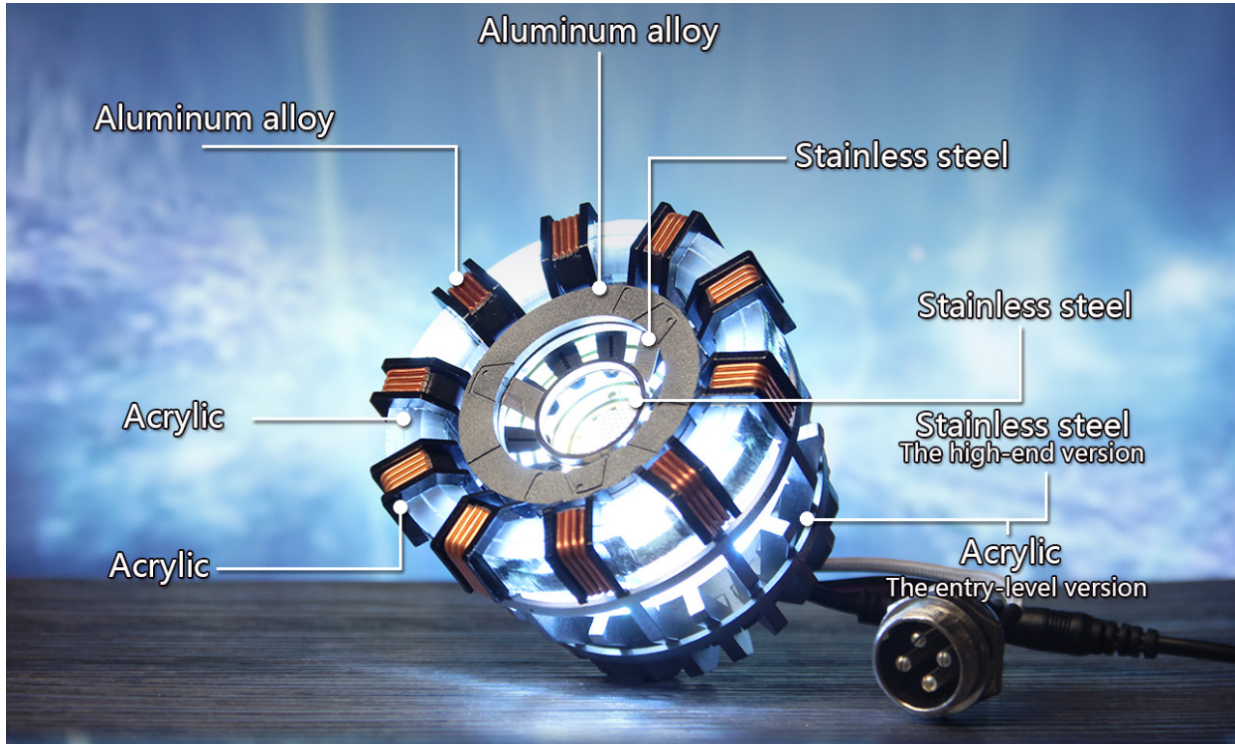
"Heartbeat Mode"

TIME

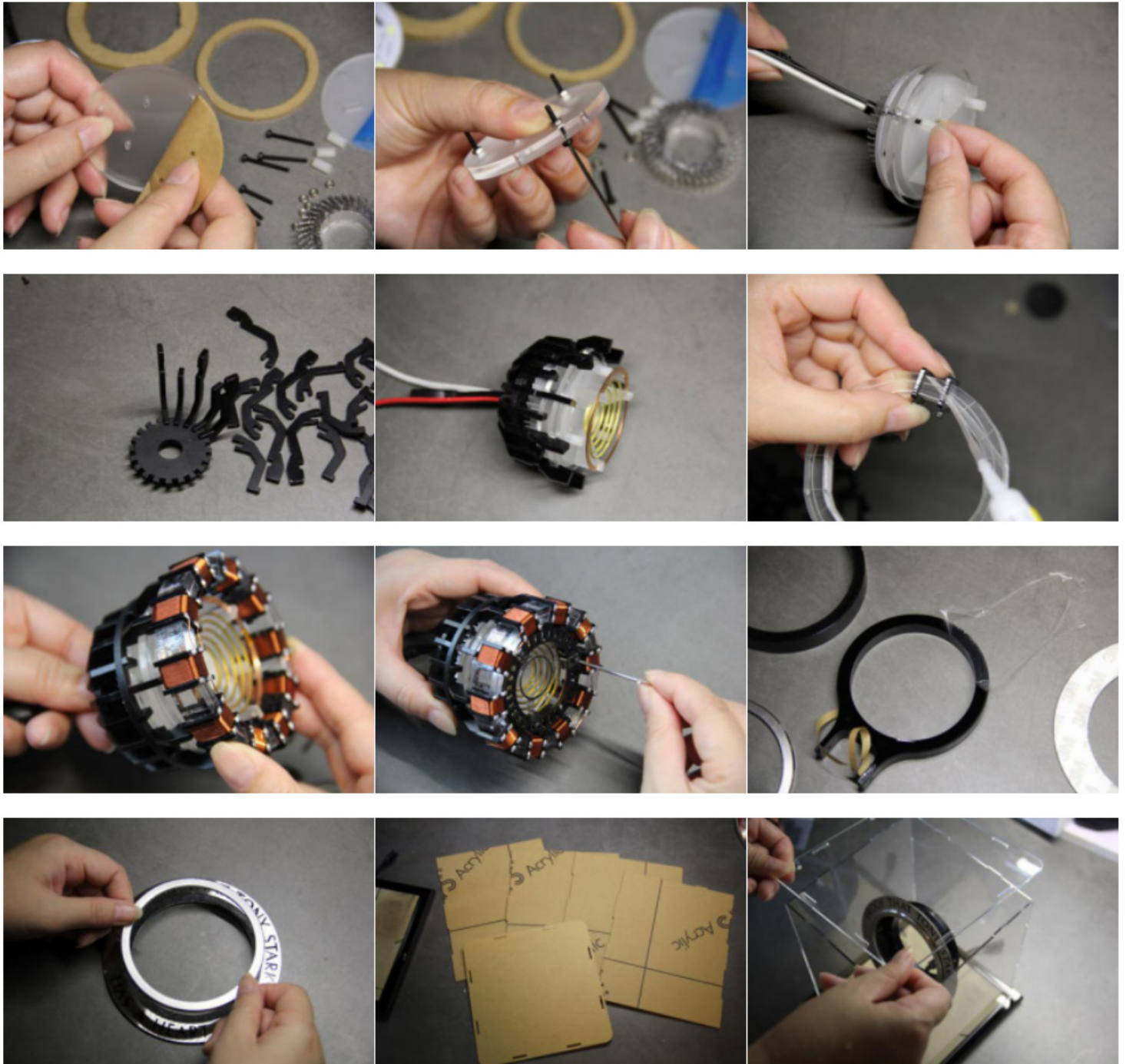
4. MATERIALS AND PROCESSING TECHNOLOGY

The products include aluminum alloy, 304 stainless steel, brass, acrylic plexiglass, ABS plastic and so on.

Acrylic parts are machined by laser cutting. Metal parts are processed by CNC, sand blasting oxidation and stamping forming technology. Because of these technologies, the accuracy of the model can achieve the desired results.



5. PARTIAL PRODUCTION PROCESS



6. DIFFERENT CONFIGURATION OPTIONS

We have different configurations to choose from according to different customer needs and pricing requirements:

- 1、 The **entry-level** version (more plastic parts) ,
- 2、 The entry-level version +**remote control**
- 3、 The **high-end** version (more metal parts) ,
- 4、 The high-end version+**remote control**