



# (Apex Toys)

## Manual

The important parameters:

- 1, 2.4G Remote control distance is more than 30 meters
- 2, Pull the transmitter out and enter the sleep time: 10 seconds.
- 3, Usage duration: more than 10 hours
- 4, Static Battery when it sleep: below 0.1mA

### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

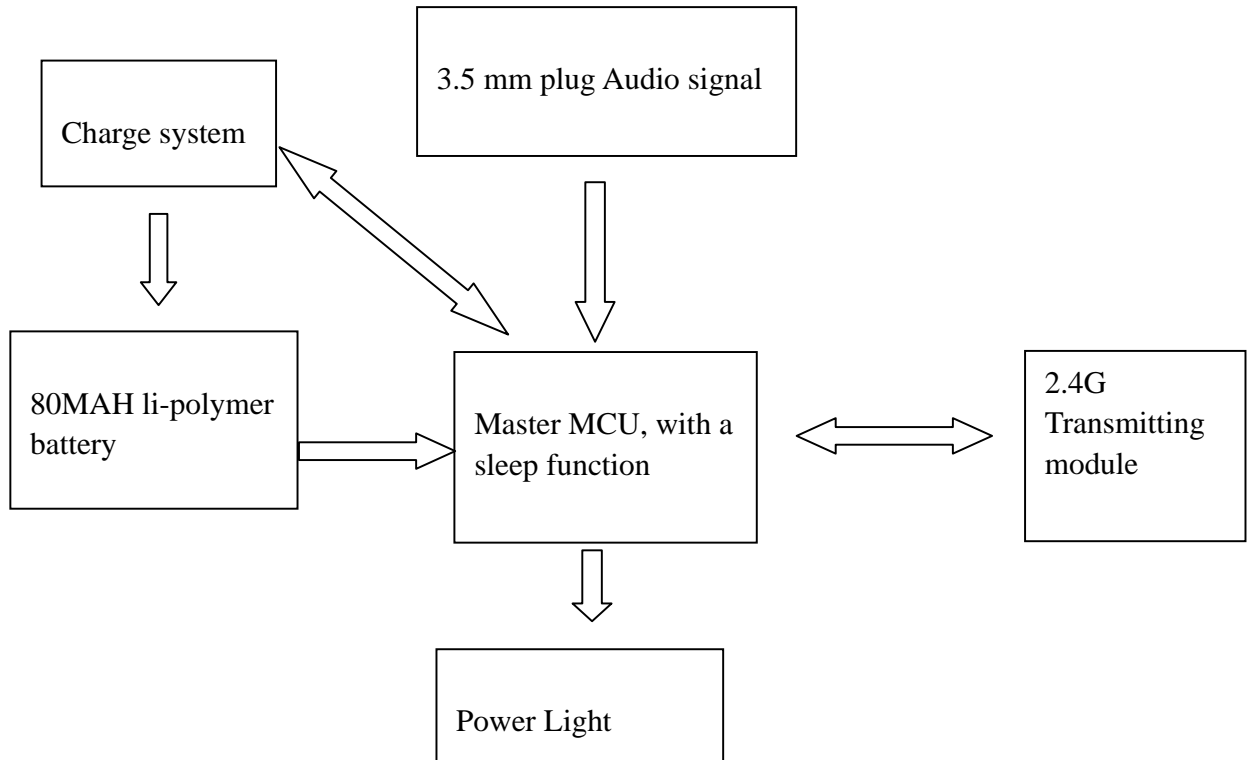
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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Block diagram



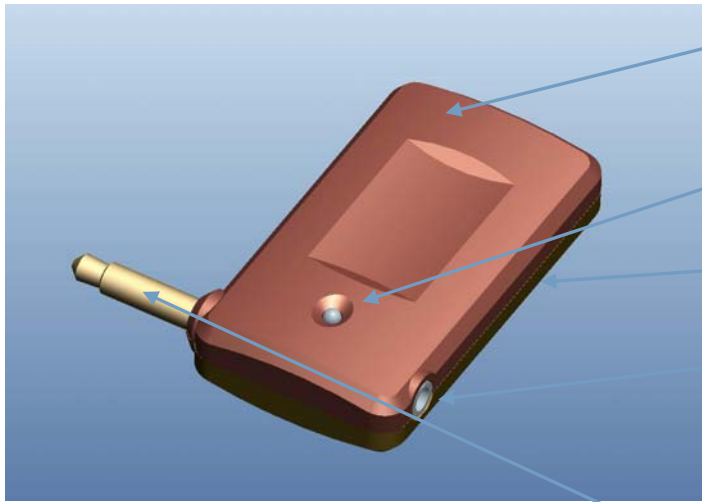
## Product Features:

This product can be connected with the mobile phone to control the toy plane

Product main components:



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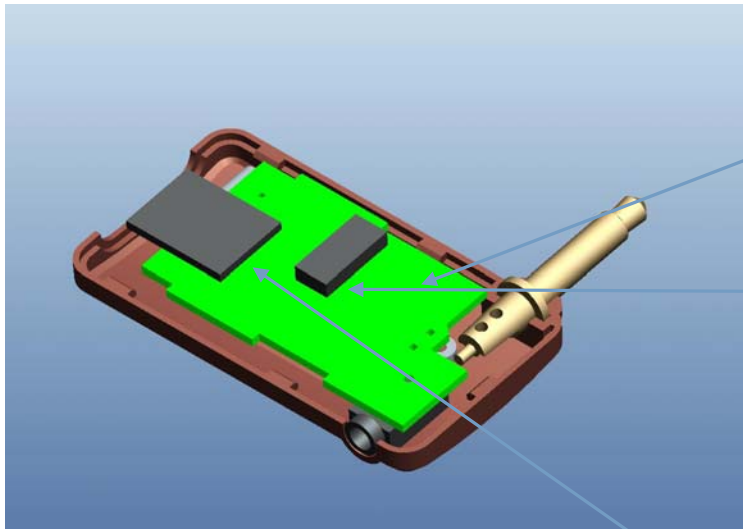
1. The upper body of transmitter

2. The red light

3. The bottom body of transmitter

4. Charger hole

5. 3.5mm Audio plug



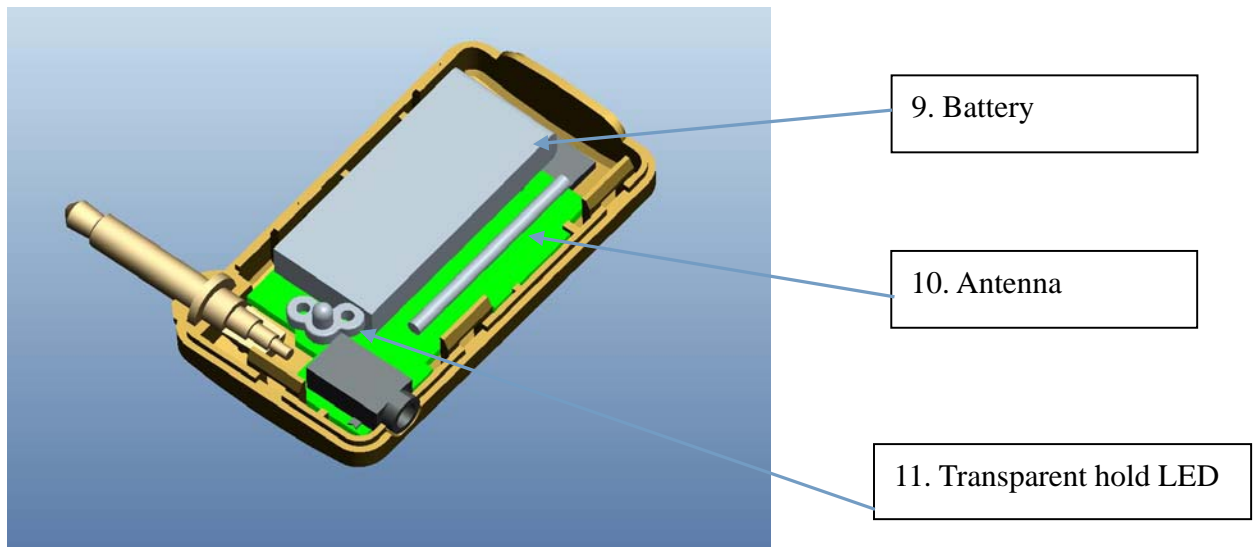
6. PCBA

7. Master MCU

8. 2.4G transmitting module



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## 2.4G Audio transmitter function light description:

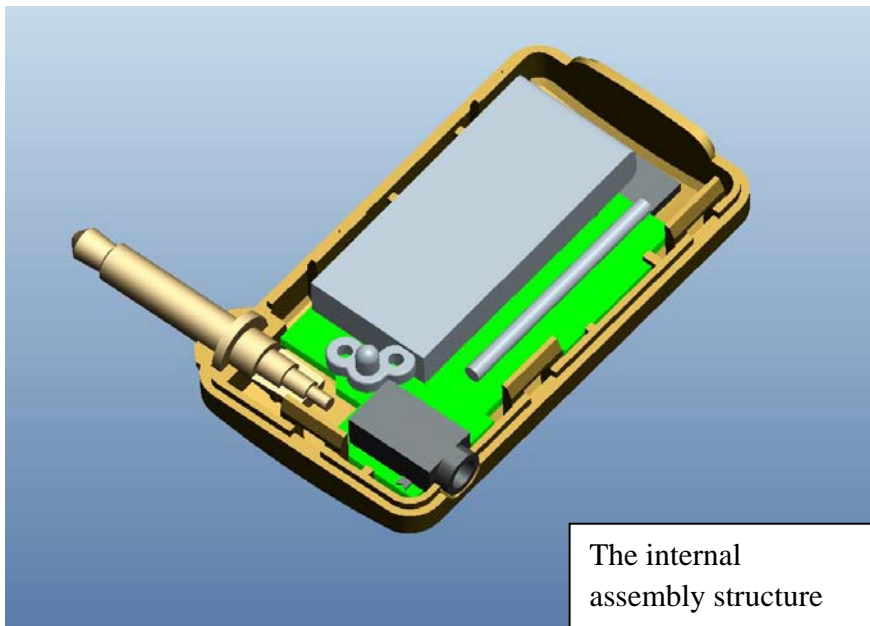
NO.	Name	Material	Color	Requirements
1	The upper body of transmitter	30%PC+ABS	Black/White	Injection& Sink printing
2	Power light		Red	Soft and Not dazzling
3	The bottom body of transmitter	30%PC+ABS	Black/White	Injection& Sink printing
4	Charger hole		Black	DC Seat
5	3.5mm audio plug		Nickel-plated	Standard mobile phones with 3.5mm four plug section
6	PCBA	FR-4	White word & Green oil	HAL
7	Master MCU		Black	
8	2.4G transmitting module		White word & Green oil	HAL
9	Battery	80MAH li-polymer battery		
10	Antenna	Copper	White	
11	Transparent hold LED	ABS	Transparent	



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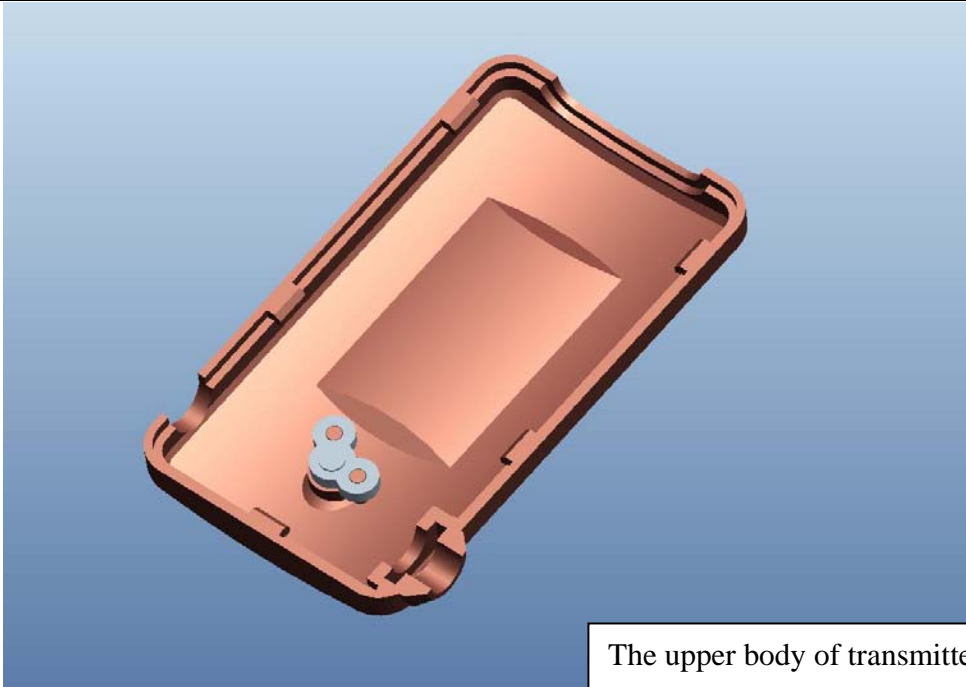
Function light	Color	Function Description	
		Functioning Pattern	The status of the lamp
Indicator Light	Red	Successful connection on the phone	Flashing slowly, 1/second
		2.4G connected successfully	Often Bright state
		Sleep	Light off
		No connected	Light off

The internal assembly structure:

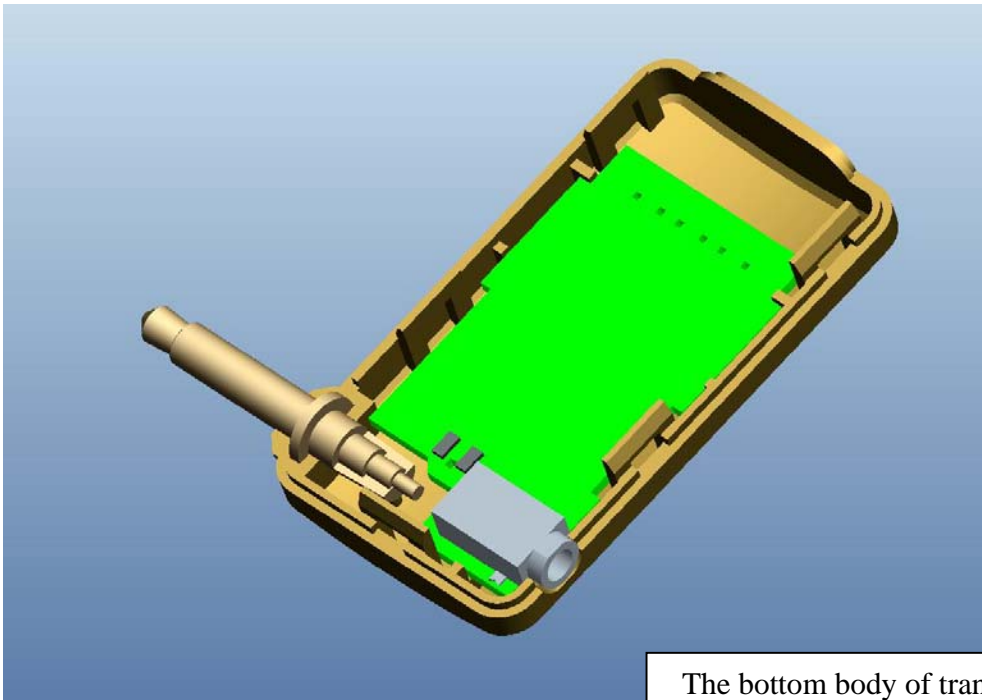




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The upper body of transmitter



The bottom body of transmitter



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2.4G Audio transmitter matching process:

