

## **Operational Specification**

### **Urja remote control egg vibe rechargeable waterproof**

**7100028-TX**

**7100028-RX**

## **Transmitter and Receiver**

Hahdu Inc

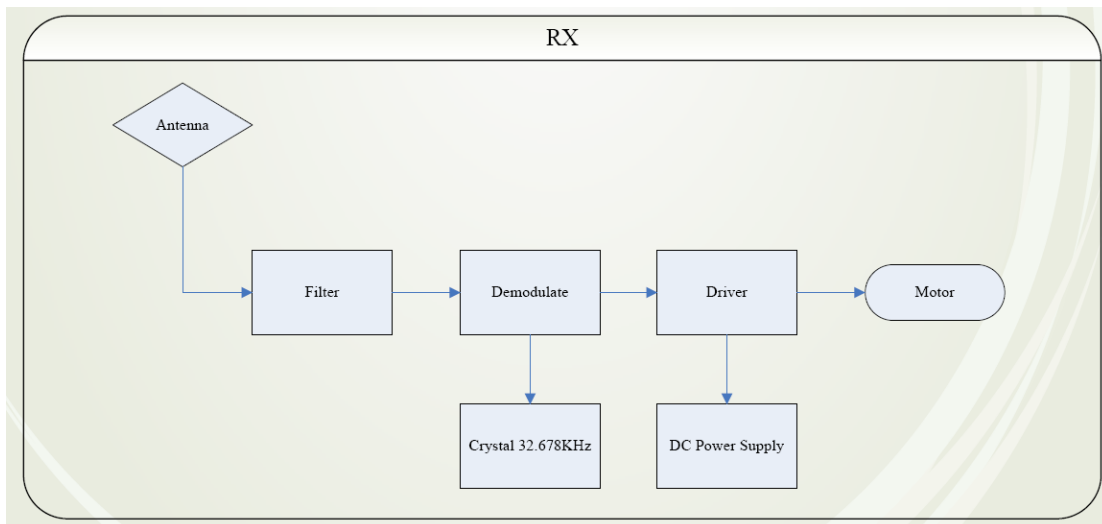
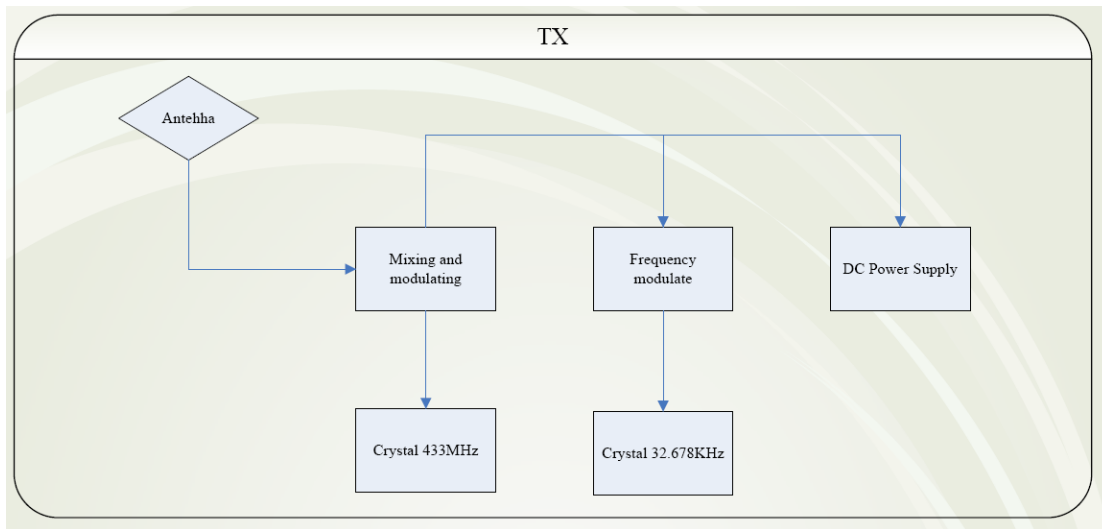
New Industrial Zone, QiuFu Road, Dalang Town, Dongguan City, Guangdong Province, China.

Tel: +86-769-83132750

Fax: +86-769-83132749

Note: The information contained in this document is proprietary and confidential. Any unauthorized reproduction, use or disclosure of this material, or any part thereof, is strictly prohibited.

### Function Diagram:



### Function Description:

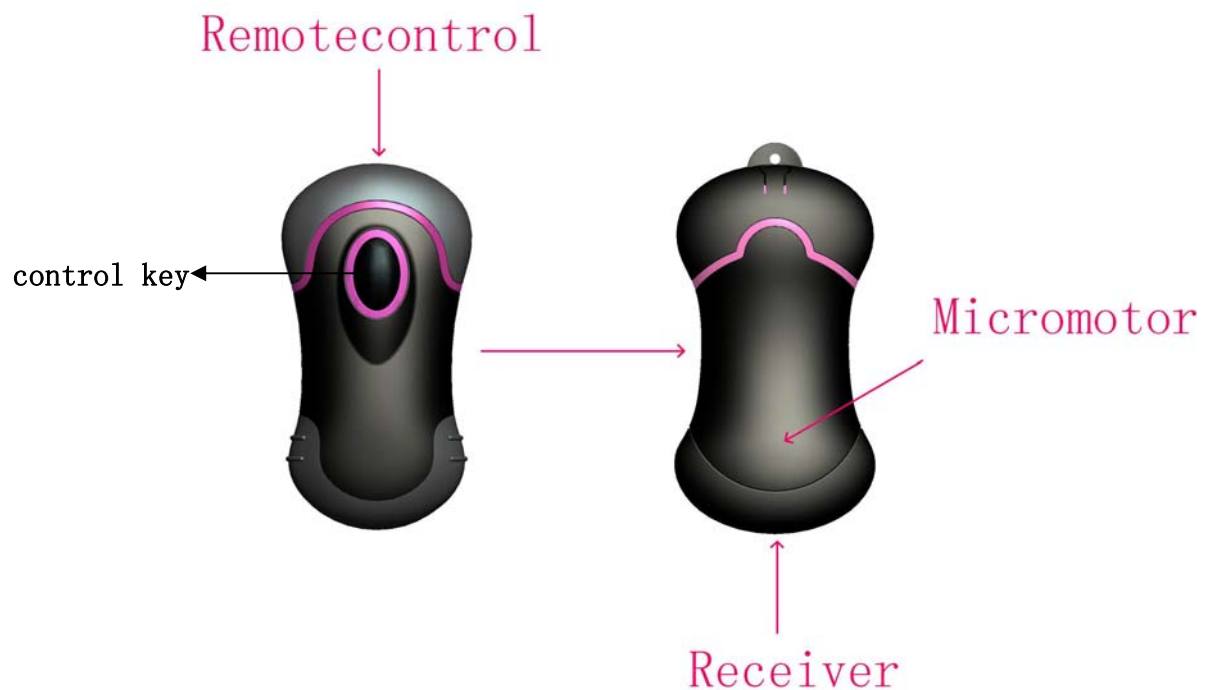
The product compose with two parts: 7100028-TX (Transmitter) and 7100028-RX (Receiver)

The product operate by wireless system, worked as belowing description:

Press the control key and you will switch on the power of singal, Low frequency digital singal is moulated by frequency moulatating (32.678KHz), FM singal is also mixing by mixer of 433MHz, High frequency that was mixed, was amplified by HF amplifier and emitted by antenna in transmitter. (please refer above chart)

Receiver are all time ready to receive any singal including 433MHz, High frequency singal was filtered by 433MHz filter in receiver, then was demodulated by 32.678KHz FM demodulator, low frequency digital signal that was demodulated, if it is strong and from TX(programming in advance), and the driver will power on the motor. (please refer above chart)

Product Photos:



**Product technology parameters**

ParaMeter	Value			Unit
	Min	Typical	Max	
<b>Operating (Receiver)</b>				
Voltage	3	3.6	4.2	V
Quiescent current	10	30	50	Ua
Current	150	180	220	Ma
Temperature	- 20	30	60	C°
<b>Battery (Receiver)</b>				
Voltage	2.75	3.6	4.2	V
Capaity		250		mah
Size	30*20*05mm			
Temperature range	- 20° C		65° C	C°
Storage max. temp	- 20° C		45° C	C°
Weight (approx)		5.6		g
<b>Battery (Transmitter)</b>				
Voltage	11.9	12	12.2	V
Capaity		52		mah
Cutoff@+20C°				
Pulse current				
Size	23A 3LR50			
Temperature range	- 20° C		60° C	C°
Storage max. temp	- 20° C		45° C	C°
Weight (approx)		7.8		g
<b>Frequency characteristics</b>				
Frequency		433		MHz
Bandwidth		450		KHz
Modulation	ASK			