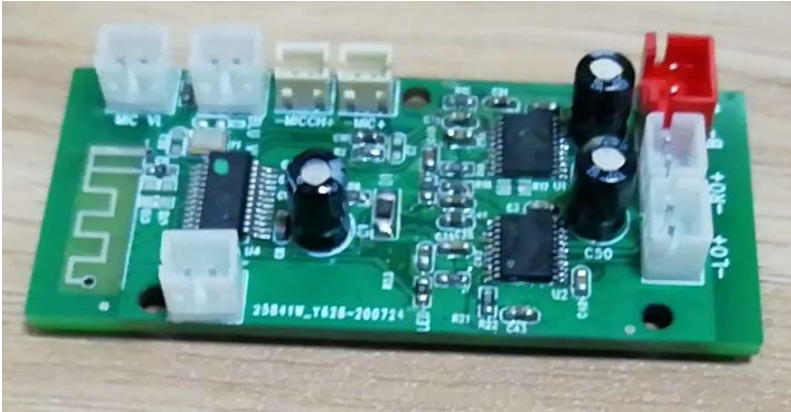


# Description of Operation

The EUT Model name is ML-05G with the AB5325 BT Chip IC.

- 1. Detail:
  - a. Operation frequency : 2402~2480MHz
  - b. Channel spacing : 1 MHz for BT 5.0 ,
  - c. Channel number : 40 channels,



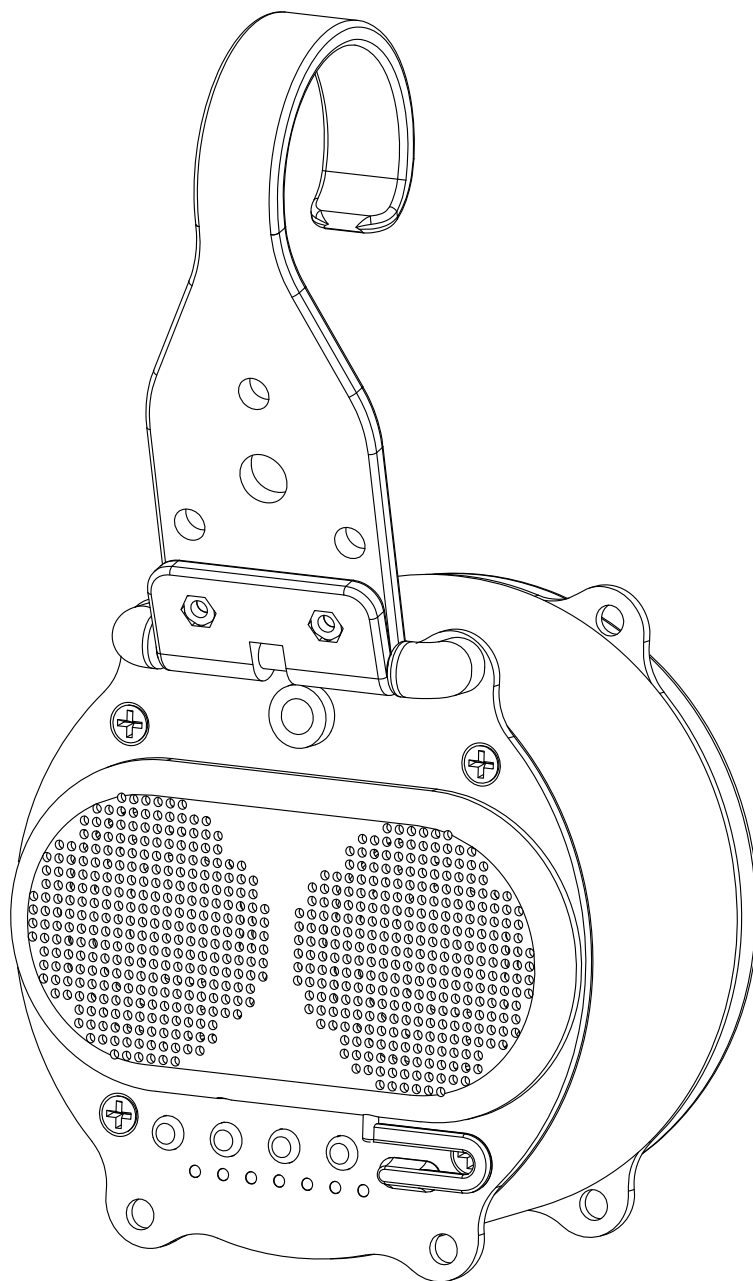
PARAMETER	Symbol	Conditions	Min.	Type	Max.	Unit
Operating voltage      工作电压	VDD	-	3.8	4.5	5	V
PO功率输出(5欧喇叭)	W	4.5V	2.2W+2.2W	3W+3W	4W+4W	W
Standby current      静态电流	IDD			20	30	mA
Operating current      工作电流	IOP	-	900mA	1400mA	1600mA	mA

- 2. Antenna Information:

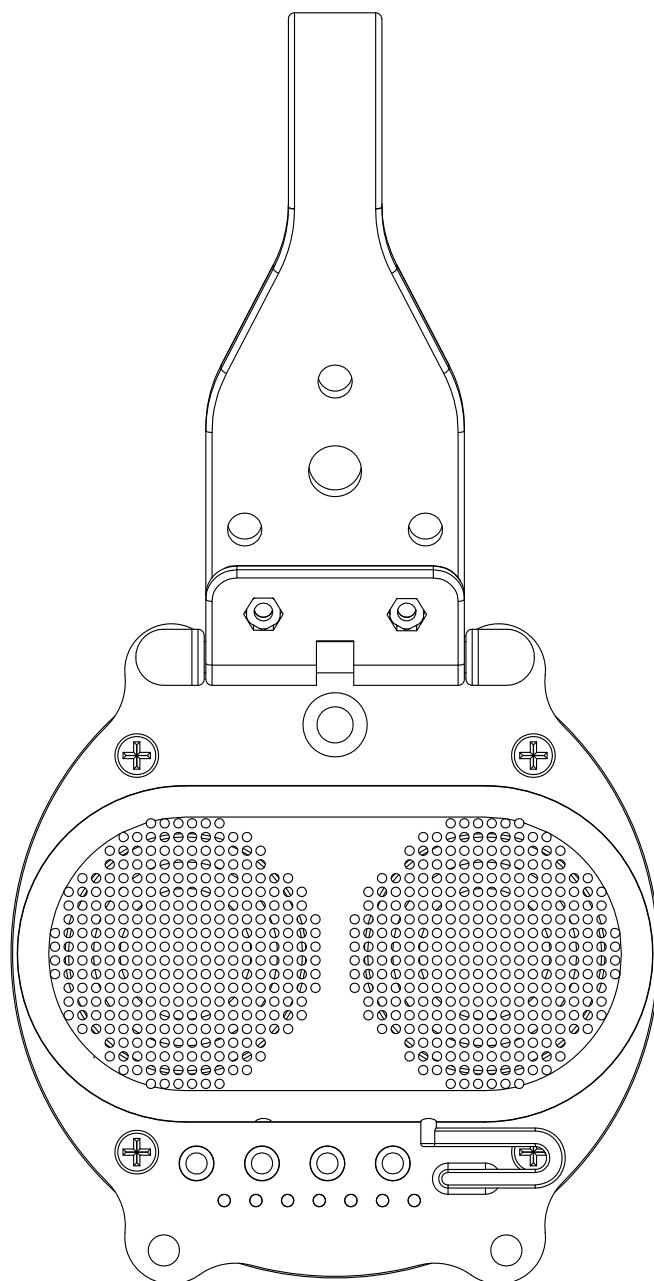
The PCB Antenna with antenna gain is 1.9 dBi.

# 圖式

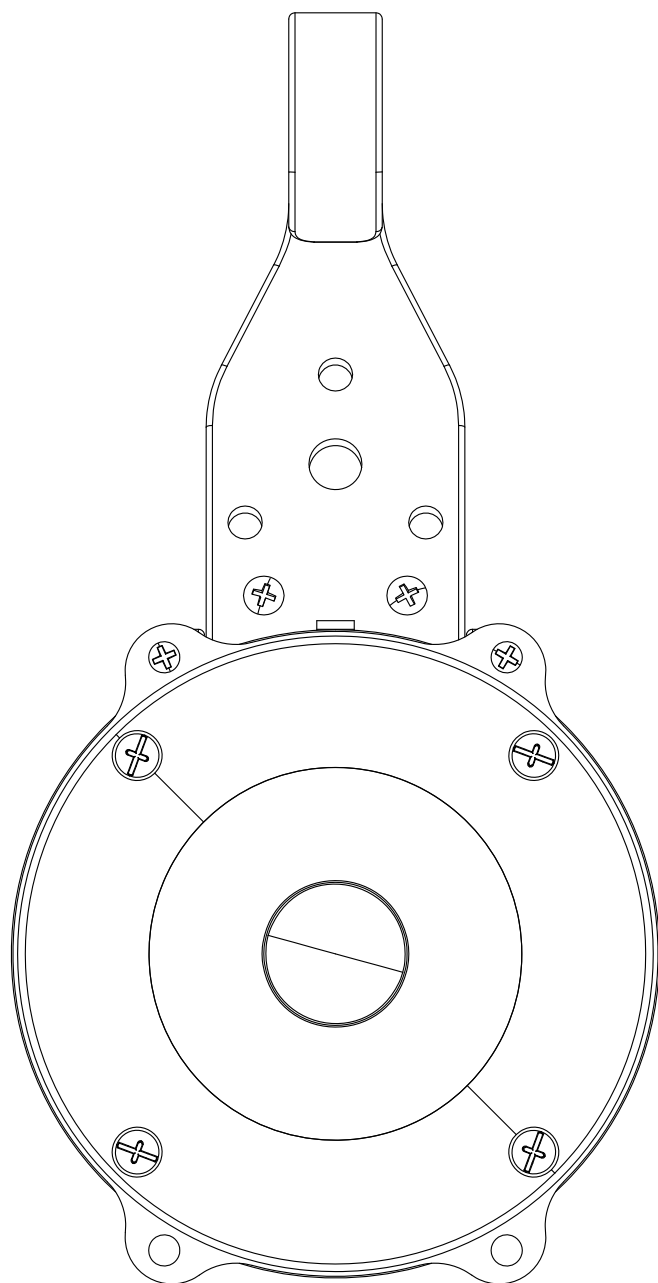
(指定之代表圖，請單獨置於圖式第1頁)



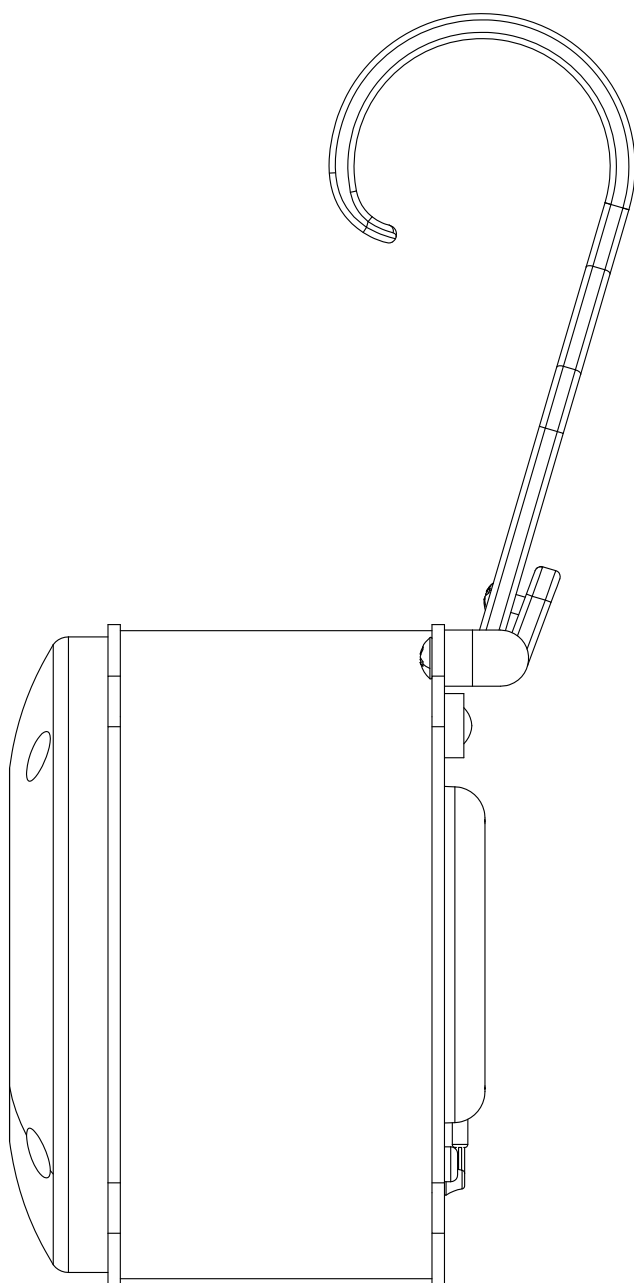
立體圖



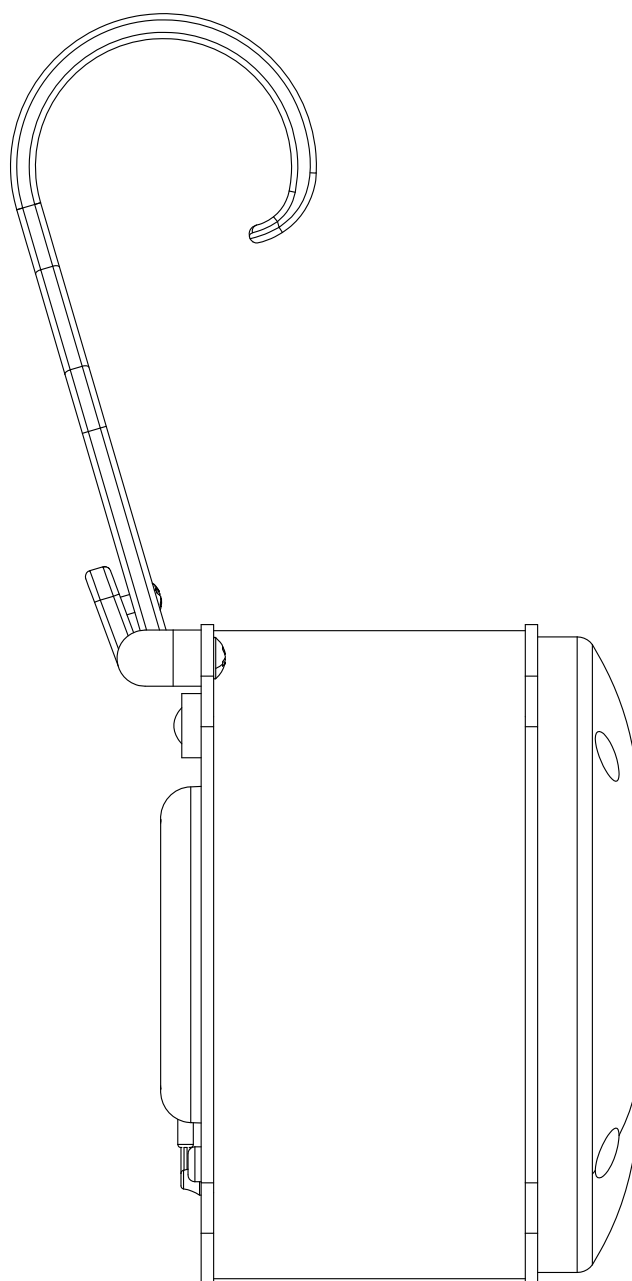
前視圖



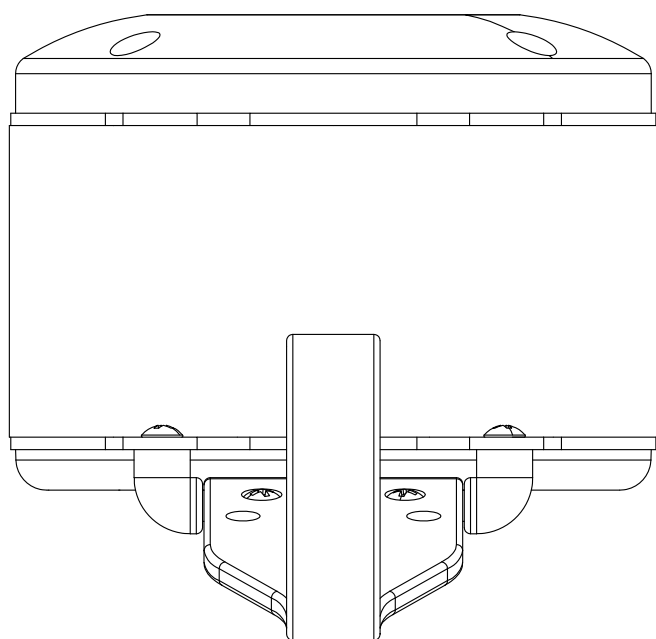
後視圖



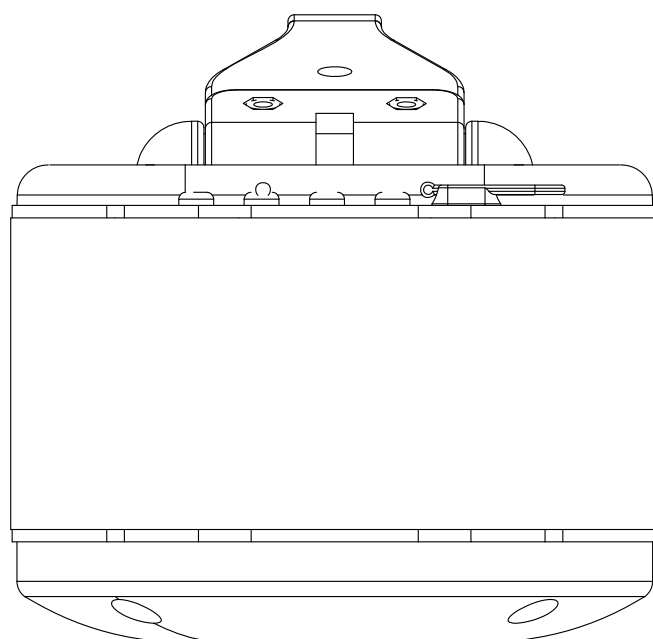
左側視圖



右側視圖



俯視圖



仰視圖



## LIGHTSONG Portable Lighting with Bluetooth Speaker – ML-05G/F

The item of this design is a Bluetooth speaker mobile light with lighting, Bluetooth speaker and microphone functions.

### 【Design Notes】

Please refer to the attached drawings. The design features of the Bluetooth horn mobile light of this design mainly have an annular disc body, the top of the annular disc body has a cylindrical body, the cylindrical body is provided with a hook body, and one side of the hook body has a front A hook part, the front hook part extends outward from one side of the hook body and presents an arc shape extending toward the front side of the hook body, and a square sheet body is also extended, and the front hook part is assembled with the cylinder, and the hook The other side of the body is provided with a rear hook portion, which extends outward from one side of the hook body and extends toward the back side of the hook body in an arc shape, and the front side of the ring-shaped disc body has an elliptical convex body, the ellipse The surface of the convex body has two symmetrical circular hole matrices, each circular hole matrix is arranged by a plurality of circular holes, and the front side of the annular disc body is provided with a circular microphone socket above the elliptical convex body, and the microphone socket has A circular microphone protective cover, and the front side of the ring-shaped disc body has a silicone protective cover with four micro-touch buttons arranged horizontally under the elliptical convex body, and the front side of the ring-shaped disc body has a plurality of circular guides under the silicone protective cover Light silicone rubber, and the front side of the ring-shaped disc body has a U-shaped USB dust cover on the right side of the silicone protective cover and the light-guiding silicone rubber, and the back of the ring-shaped disc body has a ring-shaped frame body, and the back side of the ring-shaped frame body has a ring-shaped sheet body, The back side of the ring-shaped sheet body is provided with a ring-shaped cover, so that the overall shape creates a special and novel visual experience, and visually gives people an elegant and generous look. It is an innovative design with both practicality and aesthetics, and it is completely in line with the design patent. Essentials.