

# Instruction Manual for HYE Bluetooth Acoustic Equipment

Model: WL-A106



**Dongguan Winlex Electronics Co., Ltd**

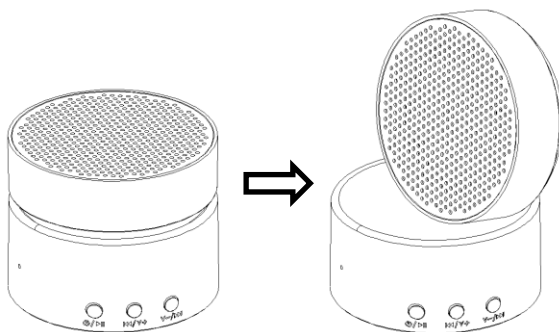
## I. Technical Specification

- |                            |                                    |
|----------------------------|------------------------------------|
| 1. Bluetooth specification | In line with Bluetooth RDA V2.0    |
| 2. Working frequency       | 2.402-2.480GHZ ISM frequency band; |
| 3. Modulation mode         | GFSK, $\pi/4$ DQPSK, 8DPSK         |
| 4. Operating range         | Within 10 meters                   |

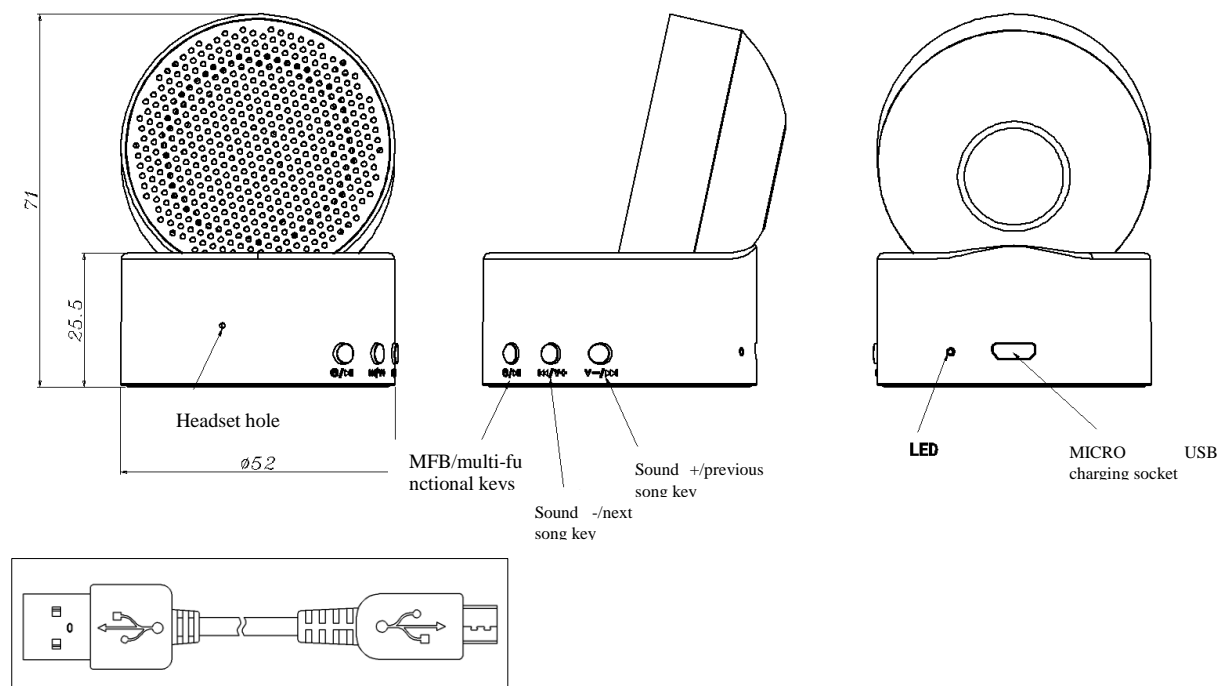
5. Connection mode	Point-to-point	
6 Compatibility	Support the mobile phone with Bluetooth 4 and downward versions	
7.Environmental temperature	Normal: 15 to 35℃	Special: 0 ~ 40℃
8.Humidity	0% ~ 90%	

## II. Basic Functions and Features

- 1、 Supported platform: computer/mobile phone/tablet PC with Bluetooth and other Bluetooth devices;
- 2、 Single channel stereo output, hands-free calls / hangup function;
- 3、 Receiving range: greater than 10 m;
- 4、 Built-in lithium polymer battery: 3.7V/680mAH, USB Micro charging interface;
- 5、 Support the sleep power-saving mode and low voltage alarm;
- 6、 Support functions: volume adjustment (Vol +, Vol-), previous/next song, play/pause/Startup & shutdown, match code;
- 7、 Working current: <65 mA, sleeping current: 200 uA; A single charge can ensure 5~6 hours of continuous operation;
- 8、 Speaker unit: dimension (40 mm)4  $\Omega$  / 3W;
- 9、 Rated output power: 3W, signal-to-noise ratio S/N: > 70 dB;
- 10、 Charging time: about 2~3 hours;
- 11、 Talk time: 10 hours to the maximum; standby time: extra long time of 288 hours;
- 12、 Standby time: extra long time of 45 hours;
- 13、 Audience can freely rotate the speaker and adjust the sound field to the best effect in accordance with the location of presence.









## III. Diagrammatic Presentation of Acoustic Equipment

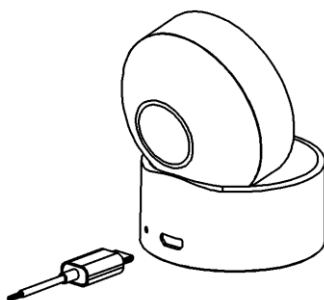


- Please make sure that your acoustic equipment is provided with the following items: one (1) unit of acoustic equipment, charging data line with the convertibility from USB 2.0 to micro USB, instruction manual.
- The enclosed items may vary according to the regions where consumers are located.

## IV. Key Functions

1. Startup & shutdown /Bluetooth search/ receiving calls/play/ (MFB)  
2. Previous song/VOL+   Next song/VOL-  

## V. Acoustic Equipment Charging



The acoustic equipment is provided with non-removable type built-in battery that can be charged repeatedly. When used for the first time, please make sure that the e acoustic equipment is fully charged.

- 1 To connect the charging data line to the charging socket on the headset;
- 2 To insert the charging data line into the standard power socket; During the charging process, the indicator light will become red. If the charging has not been started, please unplug the travel

charger and then re-insert it.

**3** After the headset is fully-charged, the red indicator light will become blue. In this case, please unplug the travel charger from the power socket and headset.

- Repeated charging and discharging of the acoustic equipment may lead to the declined battery performance with the time going on.
- During the charging, please be sure not to make or receive phone calls. Please always receive calls after the charger is removed from the acoustic equipment.

When the battery capacity of acoustic equipment is not adequate, the indicator light of headset will be flashing red, and you can hear the alarm or "The battery capacity of acoustic equipment is low". If the acoustic equipment is shut down during the time when you make phone calls, these calls will be automatically transferred to your mobile phone.

## **VI. While Using the Acoustic Equipment**


In this section, you will be taught how to turn on and shutdown the acoustic equipment, create pairing and connection between acoustic equipment and mobile phone, and get acquainted with the use methods for various functions.

- The available functions and features may be varied from mobile phone models.
- Some devices, especially those untested or recognized by the Bluetooth Special Interest Group (SIG), may be incompatible with the headset.

To ensure the acquisition of the best acoustic equipment performance, it is required to

- Keep the distance between the acoustic equipment and the device as close as possible, so as to prevent your body or other objects from blocking the signal channel.
- The blocking of acoustic equipment or device may affect its performance, thus, please try to reduce the blocking.

### **1. Bluetooth pairing**

{1} Long press on MFB  key for 3 seconds, and the red/blue light will be lit, and alternate flashing of red/blue lights;

{2} Bluetooth will search the pairing state (alternate flashing of red/blue lights)

{3} If the paired devices have been found, the name will be WL-A106

{4} After the connection is successful, you will hear the default (the beep sound of prompt tone) and the blue light flashes, while the red light is out;


### **2. Receiving/ Hanging up calls**

{1} Receiving call: When the bell rings, short press MFB key for 1 second;

{2} Hanging up calls: At the time of calls, short press MFB key for 1 second;

{3} Reject calls: When the bell rings, press and hold MFB key for 2 seconds;

### **3. Play music**

{1} ■play/pause 

Press MFB key for once to play music, and pause the music if MFB is pressed once again.

{2} ■Previous song /next song 

Press the previous song/volume + key at a time, you can go back or return to the previous music.

Press the next song/volume -key at a time, you can move forward the song which is being played to the next song (universal to all mobile phones).

{3} ■shutdown and reconnection

#### 4. Shutdown/ Startup

The mobile phone will be shutdown, if MFB key is long pressed for 3 seconds. The headset will be restarted and reconnected with the mobile phone if MFB key is long pressed for 3 seconds.

#### 5. Volume tuning and adjustment

In the process of playing music or receiving calls, you can repeat the long press of volume key (previous song/volume+) or (the next song/volume-) to increase or decrease until the volume as you need is realized.

### VI. Status of Bluetooth Indicator Lights

Working status	Indicator Lights Status	Remarks
Startup	Blue light flashes for 3 times	Neutral tone
Shutdown	Blue light flashes for one time	Neutral tone
Pairing	Alternate flashing of red & blue lights	Neutral tone
Not connected	Blue light flashes at one time for every 2 seconds	
Connected	Blue light flashes for 3 times every 5 seconds	Neutral tone
Talking	Blue light breathing light	
Playing	Blue light flashes at one time every 5 seconds	
Low voltage	Red light flashes at one time every 10 seconds	Neutral tone
Charging	Red light is normally lit while charging, and out when it is fully charged	

## Safety information

Note: please carefully read this information before using the acoustic equipment.

- To ensure your personal safety, please do not wear or place the acoustic equipment at the location which is too near to the cardiac pacemaker.
- Please do not insert the USB plug into the power socket.
- If you use the acoustic equipment while driving, please abide by the provisions of the country or region where you live.
- Be sure not to disassemble or modify the acoustic equipment for any reason, otherwise, it may cause malfunction or burning of the headset. Please send the headset to the authorized service center for repair.
- Please keep the device and accessories out of the reach of children and pets. The mistakenly swallowing of small parts & components may cause suffocation and serious injury.
- Please do not put the device in the environment of excessive low or high temperature (below 0 °C or above 45 °C). Extreme temperature may cause the device to deform, reduce the charging capacity and shorten the service life of the device.
- Please do not wet the device. The liquid may cause serious damage to the device. Do not use wet hand to contact the device. For the damage caused by water ingress in the device, the manufacturer shall not provide warranty.
- Please avoid approaching the eyes' of children or animals while using the indicator lights of the device.
- Please do not use the device in thunderstorm weather. Thunderstorms can result in abnormal operation of the device and increase the risk of electric shock.
- Long-time listening to the sound of high volume may impair to your hearing. Listening to loud sounds while driving may cause distraction, and even lead to accidents. Please only use the minimum volume settings as required for calls or music.
- In order to avoid the impact of electromagnetic interference, please shutdown the device at the places where the prohibited use of electronic equipment is clearly marked.
- After boarding the plane, please shut down the device according to the relevant regulations, and it is forbidden to use the device during the flight, so as to avoid causing interference to the communication system of civil aviation.
- Please do not use this device inside or in the vicinity of a hospital, unless otherwise permitted.

### .Caution:

- 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.

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.