

Office Chair with Bluetooth Stereo

1. Brief introduction

This system is a music player office chair with wireless Bluetooth connectivity function.

1. With Bluetooth music module, in order to connect smoothly within maximum 10 meters straight line.
2. 2000mAH lithium-ion battery inside, when it is fully charged, it can play music for 10 hours.
3. Stereo 5W X 2 channel amplifier high-fidelity audio output.
4. It's easy to charge with standard USB interface, and 2-meter long charging cable.

2. Structure Description:



The system consists of left and right channels of high quality speakers, a Bluetooth power amplifier board, a charger, charging lines and switches. (Horn and Bluetooth power amplifier board are hidden in office chairs)

4. Instructions

Step 1: Connect the charger and plug in the USB cable. The green indicator will light on the audio switch. The charging power source has been turned on and is charging at this time.



** This project version of the sample indicator is only used as a power-on prompt, and it won't turn off after the charge is completed. The batch version will have a full light indicator, and Bluetooth connection instructions.*

** When the battery is fully charged, disconnect the charger. The system can also be used normally while charging.*

Step 2: boot. Rotate the audio switch according to indication on the switch.

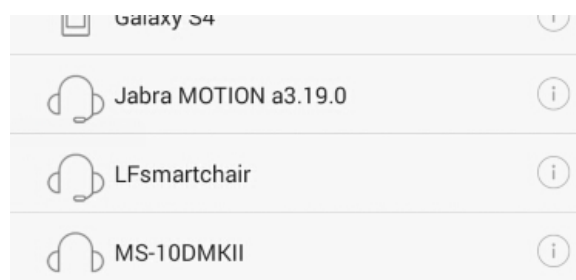


(Please note that there is only one direction). About 3-5 seconds later, the speaker will hear "dong dong dong", indicating that the audio is turned on at this time.

Step 3: turn on your phone's Bluetooth.



Step 4: Turn on Bluetooth Settings - Open Detection - Search Devices. Find the following device name "LFmusicchair" and connect.



After connected, you will hear "du du du" .

Step 5: After the connection is successful, please open music player software and play the music, then, enjoy music.

Step Six: Shutdown. The method of Shutdown is the same as booting. You also need to turn the audio switch in the same direction.

5. The Main Parameters:

Operating current: $\leq 30\text{mA}$

stand-by current : $\leq 1\text{mA}$

Temperature Range: -20°C to $+70^{\circ}\text{C}$

Wireless transmission range: 10 meters

Sensitivity: $-80\text{dBm} < \pm 0.1\% \text{BER}$

Frequency range: $2.4\text{GHz} - 2.480\text{GHz}$

Audio Performance : Support AAC, MP3, SBC, Stereo

Audio signal to noise ratio: $\geq 75\text{dB}$

Distortion: $\leq 0.1\%$

Federal Communications Commission (FCC) Interference 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 generate, 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Industry Canada (IC)

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada's licence-exempt RSSs. 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.

Cet appareil est conforme à la norme RSS d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) le dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.