Shenzhen Dejiang Innovation Technology., Co, Ltd

Intelligent Vehicle-based Bluetooth Earphone and Car Charger‘s User manual

Brand: Dayroad

Product Name: Intelligent Vehicle-based Bluetooth Earphone and Car Charger

Type Spec：DA323

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1. Product Details

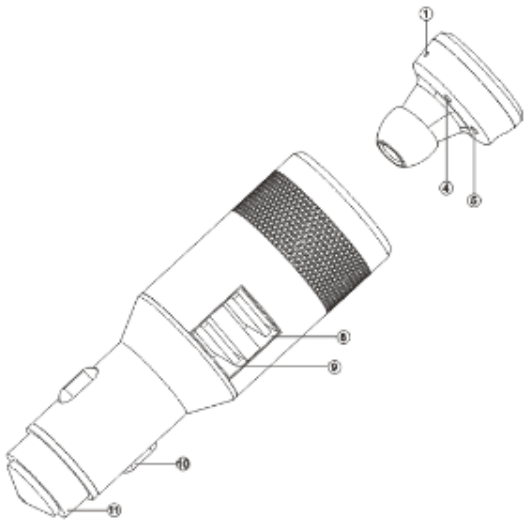
DA323 Bluetooth Model is an independent researched and developed intelligent wireless frequency&data transmission product of Shenzhen Pengban Technology., Co, Ltd. This is a high effective single track wireless transmission project, whose model makes use of MP5402 chip that meets high quality frequency, compatibility and integrity. DA323 Bluetooth makes use of drive model with which customers only need to access it into application before they could readily finish wireless transmission of music and enjoy.

2. Application Area

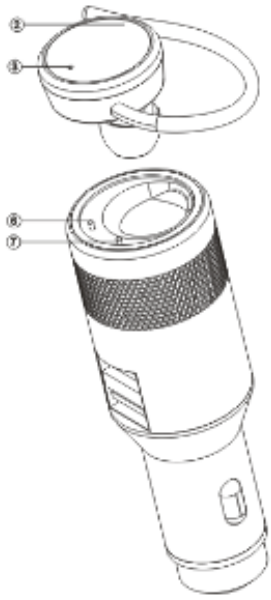
This model is mainly used to short-haul transmission of music. And it can help us link digital products like laptops, mobile phones, PDA, etc conveniently.

3. Drawing

Picture 1 is a structural representation viewed from a certain angle
Picture 2 is from another certain angle



Picute 1 Space Diagram



Picture 2 Space Diagram

These are the characteristics of our item: Bluetooth Earphone and Car Charger Bottom Case
Pictures above are a show of its function part.
(1)Microphone (2)Function Bottom (3)Bluetooth Light (4)Bluetooth Earphone 5V Contactor
(5)Bluetooth Earphone Negative Pole Contactor (6)Car Charger 5V Contactor Needle
(7)Car Charger Negative Pole Needle (8)USB Fast Charger 2nd (9)USB Fast Charger 1st
(10)Car Charger Insert Lighter Negative Pole (11) Car Charger Insert Lighter Positive Pole with Safety Hammer Function.

3.1 Description of Function

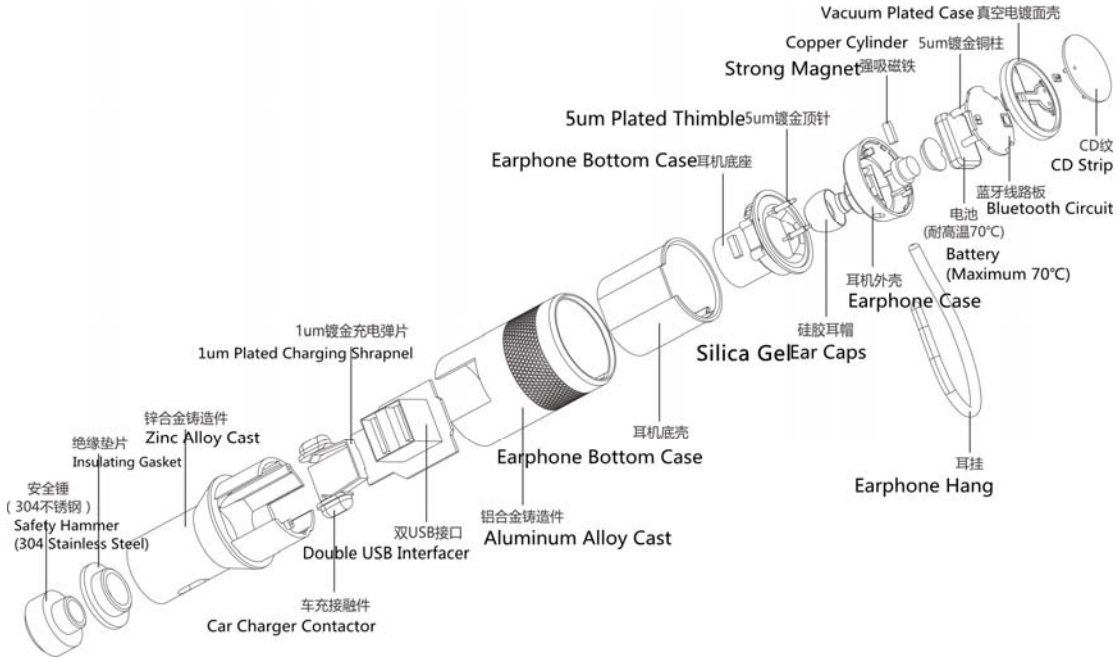
1. Pairing: (When first used, it requires pairing with mobile phone. It`ll automatically get into pairing state after starting up, and would automatically link back next time.)
(1) Firstly make sure that your phone is with Bluetooth function (check the phone`s instruction).
(2) Power on: Long press the power button for 5 seconds to open the item, then the red, blue light would flash and it means getting into pairing state.
(3) Open the Bluetooth in your phone then search, you`ll get 'Dayroad' in result then choose.
(4) Screen shows 'Connected', and the earphone makes a warning, the blue light would flash one time every 4 seconds, then successfully paired.
(5) Multipoint Connect: Firstly successfully link to one mobile phone then close it. Reset the earphone back to Pairing Model then link it to another mobile phone. And then, reopen the first mobile phone`s Bluetooth then open the link and that works.

(6) Incoming Answer: When incoming, please click the power button then start answer after a

warning ‘Beeps’.
(7) Incoming Reject: When incoming, please long press the power button for about 2 seconds then loose after a warning ‘Beeps’.
(8) Auto Call Back: Double click the power button in a second then it would call back.
(9) Cancel a Dialing: Click the power button then the dial would be canceled after a warning ‘Beeps’.
(10) Power Off: Long press the power button for 3 seconds then the Bluetooth earphone would be closed.
(11) Auto Shutdown: The Bluetooth would be automatically shut down after 10 minutes if do not link with any sets.
(12) Siri Function: When linked to Bluetooth, long press Pause Key then your IPhone would get into Siri function.

3.2 When Charging the Bluetooth Earphone on the Car Charger

Auto Start up: Put the Bluetooth earphone on the charging stand and it would automatically start up and link sets with blue light flashing after car lighter.
Auto Link: Bluetooth Earphone would automatically link back to the connected sets.
Auto Answer: When incoming, the Bluetooth earphone could automatically answer when leave away from the charging stand.
Auto Hang Up: Put the Bluetooth earphone back to the charger stand then it`ll automatically hang up.
Auto Shutdown: The Bluetooth earphone would automatically shut down after 10 minutes after the car is off.
Auto Start Up and Link: The earphone`s starting up and shutdown meets intelligent synchronization with car`s lighting and off, while it need a pairing when first used.



*Structure Chart of Safety Hammer Car Charger Bluetooth Earphone

(1) Face-case overlay ABS+PC (2) Transparent light staff PC (3) Face-case ABS+PC+vacuum plated (4) Bluetooth circuit board (5) Bluetooth charging contactor positive negative pole (6) Battery 501215 (7) Horn cover (8) Horn diameter (9) Bottom case ABS+PC with UV printing based on oil injection (10) Silica gel caps (11) Charging needle positive negative (12) Charging Stand ABS+PC (13) Fixed part ABS+PC (14) Aluminum Alloy (15) Car charger circuit board (16) Car Charger Shrapnel (17) Car charger negative contactor (18) Zinc Alloy (19) Car charger positive negative clapboard (20) Car charger positive and safety hammer(stainless steel) (21) Car charger bottom case magnet 5*3*4 (22) Bluetooth bottom case magnet 5*3*4

4. Bluetooth Earphone Part

Bluetooth Standard	Bluetooth V4.0 and BT3.0
Modulation Mold	GFSK,π/4DQPSK,8DPSK
Battery Standard	15*12*4mm 45mAh
Charging Voltage	3.3-4.2V
Bluetooth Protocol	Earphone, Hands Free, Bluetooth Frequency Transmission
Working Frequency	2.402-2.48GHZ
Charging Time	About 1 hour
Music Play	About 3 hours
Holding Time	About 4 hours
Standby Time	90 hours
Wireless Transmission Distance	Maximum 10 meters
Transmission Frequency	Supports CLASS2
Sensitivity	±38dB
Frequency Performance	Supports AAC, MP3, SBC, Single Track
Voice Frequency SNR(Signal to Noise Ratio)	≧75dB
Size	21.9X14.1X1.8mm

5. Car Charger Part

Shell	ABS+PC+Aluminum Alloy+Zinc Alloy+Steel
USB Port	Tow
Input	DC 7—36V
Output 1⁄2	Automatic identification of output current
Color	White Black
Size	Diameter 28.5mm，长 92mm
Weight（g）	88g

6. Innovation

(1)A design of safety hammer on the top, which could be used to break glasses and escape when in danger. Stainless steel shell, high quality hardness, anti-scratch, high frequency cooling, anti-interference.

(2)Bluetooth Earphone: Automatically meet on/off synchronization with car. Take up to answer

and put back to hang off.
(3)Bluetooth with vibrating needle charging that fixed by double magnet.
(4)Perfect compatibility, intelligent pairing technology, intelligent phone scan. Make use of the same chip to tablets that outputs the most suitable current. Compatible for mostly intelligent mobile phones, tablets, Bluetooth earphones, MP3, MP4, PSP, DV, DC, GPS in the market.
(5)Make use of intelligent charging IC. Automatically identification function on charging current based on different sets, safely, efficiently.
(6)Double Smoothing inserted with stable output, real-time monitoring abnormal current, balance the peak maximum current generated from the lighter, helps protect your car and digital sets.

7. Security, Multi-protection (7 steps)

(1) Temperature protect: Thermistor and Temperature control processing mechanism, make sure that the car charger works with the safe temperature scope.
(2) Short-circuit protection: The fuse device, automatically protect the mainboard when there`s any abnormal short-circuit.
(3) Overvoltage input protection: Avoid mainboard damage by preventing overvoltage input.
(4) Overvoltage output protection: Intelligently detect the output voltage. Automatically close outputting when overvoltage.
(5) Overcharge protection: Prevent too much current output to protect digital sets.
(6) Overcurrent protection: Prevent overcurrent to damage charging sets and digital sets.
(7) Under voltage protection: Prevent voltage decline or loss or set damage from short-circuit or other.

8. Marks

(1) There are several car series or cars that would be instable on the battery`s voltage. Just pick up and down then it`ll automatically connect back.
(2) Please give power supply based on the nominal voltage on the conductor.
(3) Please avoid blazing sun, or moist.
(4) Please do not throw or knock, or it`ll break the shell and other components. Avoid metal port pollute which would have negative effects on charging.

FCC Statement

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.

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

Note: 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, 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,

—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.

FCC RF Radiation Exposure Statement

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