Dorland Intrinsically Safe Noise Cancelling Bluetooth Earphones Manual

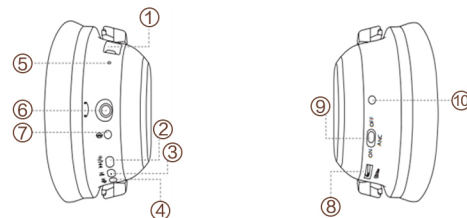

Ex_headset02

Product overview

Button	Function	Operation
ANC	ANC function on/off	Turn the ANC switch from OFF to ANC/ANC to off
MFB button	Answer a call	Press (MFB) once to answer
	End a call	Press (MFB) again to end
	Ignore a call	Hold (MFB) for 3 seconds
	Last number re-dialing from headphone	Press (MFB) twice in standby status
	Swap calls	Press (MFB) for 3 seconds
	Play/Pause Music	Press down the (MFB) Button (▶II) once to start playing music and press it again to pause your music
	Nest/Previous Song	Press down the Music/Volume Control button towards the Forward icon (▶▶I) to play the next song. To play the previous song, press and release the Music/Volume Control button towards the backward icon (I◀◀)

Product diagram

1. USB Socket (For Charging)
2. Volume – / Previous Song (Only for Bluetooth)
3. Multifunction Button (MFB) / Switch ON/OFF, Pairing, Make/Answer/End/Reject Call (Only for. Bluetooth)
4. Volume + / Next song (Only for Bluetooth)
5. Microphone
6. 3.5mm Audio Jack
7. LED Indicator (For Bluetooth, battery condition)
8. Volume + / – wheel (For Bluetooth, Noise Cancelling or Wired)
9. Noise cancelling ON/OFF Button
10. Noise Cancelling LED Indicator

Basic operation

Pairing and Connected with phone
• Enter headset into pairing mode
From off status, hold MFB button for 5s till the LED flashesRED & BLUE alternately
• Activate Bluetooth on your phone, search and select "Ex_headset02" to connect. Now Ex_headset02 is connected with your phone!

Active Noise Cancelling Mode
• Adjust the volume on the headphone.
• To power ON the noise cancelling function, set the ON/OFF switch to ON. The Noise Cancelling LED indicator will light up in blue.
• When the batteries are running low, the Noise Cancelling LED indicator will become dim.
• Once the battery is fully drained, the active noise cancelling feature will turn off but the audio signal from the music player will continue to transmit.
• In quiet environments where noise cancellation is not required, the Ex_headset02 can also be used as conventional headphones, without the use of batteries.
• When not in use, switch OFF the POWER to extend battery life.

Note: After you turn ON the power, you might hear a slight hissing noise. This is a normal function and will cease after a few seconds.

Question and answer

1) What is ANC?
ANC stands for "active noise cancellation" - this feature is designed to eliminate ambient noise in your environment allowing you to enjoy your music without distraction while working, traveling or simply relaxing. It is most effective at reducing LOW frequency noises such as those from an airplane engine or a large crowd (frequencies from 20HZ-800HZ).

2) How to charge?
Prior to use, charge your Ex_headset02 headphone unit by connecting the included charging cable into a USB power outlet (such as USB chargers or computer USB ports) and plug the other end into the headphone's micro USB charging port. The LED indicator will light up red showing that the unit is being charged. When charging is complete, the red LED indicator will turn off.

3) Can I still use my headphone if the battery has run out?
Yes, when the battery is low, you can use the 3.5mm audio cable to stream the music, just like a wired headphone. Note: The buttons on the headphone cannot work at this connection.

4) How to use Voice Dialing from your Headphone?
If your mobile phone is equipped with a voice dialing function, press and hold the MFB button and say the voice tag according to the phone's command functions. You must record the voice tag (the person's name) into your mobile phone prior to using the voice dialing function on the headphone. Please refer to your mobile phone's user guide.

5) Why couldn't I connect the headphone?

If you are unable to connect your headphone and your mobile phone, please try the following:

• Ensure your headphone is turned OFF and properly charged.

• Ensure the headphone is properly paired with your mobile phone.

• Ensure the headphone is within a 10 meter range of your paired Bluetooth device and. that there are no obstructions, such as walls or other electronic devices in between.

• Ensure your mobile phone's Bluetooth feature is activated. Please refer to your mobile. phone user guide for specific instructions.

• To reset certain functions of the BNC40 headphones you can simply plug-in to recharge. then disconnect.

Safety Instructions

Ordinary headset are forbidden in explosion hazardous areas where explosions may happen. Such areas include: fuel areas (such as below deck of a ship, fuel or chemical products transportation and storage facilities), locations where the air containing chemicals or particles (such as granule, dust or metal powders) such as gas stations, oil storage tanks. Developed by Beijing Dorland System Control Technology Co., LTD. the intrinsically safe noise cancelling bluetooth earphones Ex_headset02 has been tested and certified by explosion-proof certi-fication body of China and can meet the requirement of GB3836.1-2010 "explosive atmospheres - Part 1: Equipment-General requirem-ents" and GB3836.4-2010 "explosive atmospheres-Part 4:equipment protection by intrinsic safety 'I'". It is suitable for Zone 1 and Zone 2 explosion hazardous areas.

Basic parameters

Explosion-proof grade:Ex ib IIC T4 Gb

Certification No.: CCRI 19.2278

Safety Warning

Safety performance of the product can be guaranteed only in strict accordance with the instructions in this section.Please read the instruction carefully before using.If you have any questions,please contact the manufacturer immediately.

Safety Rules

Safety performance of the intrinsically safe noise cancelling bluetooth earphones Ex_headset02 is under the premise that the users obey the following rules.

a) The battery for Ex_headset02 is made by the manufacturer specializing in the production of batteries. Only the original battery meets the intrinsically safety requirements. Any other non original batteries will result in the loss of explosion-proof performance of the phone. Please make sure to use the original battery.For battery replacement, please contact Beijing Dorland System Control Tech Co.,LTD.The battery for Ex_headset02 is Ex Battery 030 320mAh explosion-proof polymer battery.

b) Please use the original charger when recharging battery, and make sure in the safe areas.The maximum charge voltage is 4.2V.

c) Don't replace battery for Ex_headset02 in explosion hazardous areas.

d) Ex_headset02 can not be used in explosion danger zone 0.

e) Don't use headset, data cable plug devices in the explosion hazardous areas.

f) Please keep away from high-temperature region when using Ex_headset02.

Failure and damage processing

If safety performance of intrinsically safe noise cancelling bluetooth earphones Ex_headset02 has lost, please stop using in explosion hazardous areas. Please ship the failure phones back to the manufacturer for testing.

Situations that may cause failure of unicorn8 explosion-proof performance include the following ones：

※ Casing damage;

※ Storage place does not meet the storage conditions;

※ Damaged during transport;

※ Explosion-Proof mark is unrecognized;

※ Other functions fail.

Product Specifications

Bluetooth version: 5.0

Bluetooth chipset: CSR8645 w/apt-X

Noise cancellation rate: 85%

Speakers: 40mm Neodymium

Audio impedance: 32Ohm

Charging time: about 3.0 hours

Charging: Micro USB

BT operating range: ≥10 m

Connection: 3.5mm jack

Battery time (Bluetooth only): 15 hours

Battery time (Noise cancelling only): 30 hours

Battery time (Bluetooth + noise cancelling): 12 hours

Battery Type: Li-Polymer

Package Contents

1. Headphone

2. 3.5mm Detachable Audio Cable

3. Dual-plug Adapter (For Airline)

4. USB Charging Cable

5. Small Mesh Bag

6. Hard Shell Case

7. User Manual

Dorland Website

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