

DORLAND Intrinsically Safe Noise Cancelling Earphones Ex_headset03

Developed by Beijing Dorland System Control Technology Co. Ltd., the Safe Noise Cancelling Earphones Ex_headset03 adopts advanced technology with intrinsically safe circuit,. The earphone adopts ear canal pickup technology (non-bone conduction technology), which integrates the microphone and the speaker and is built in the earplug. When the call is made, the microphone only picks up the voice from the ear canal, and the noise is blocked by the head and does not enter the ear canal, so that the microphone Working with the speaker in a quiet ear canal, this technology has won the national invention patent and created a new in-ear passive two-way noise canceling headphone product.

In addition, the headset has a 3.5mm audio cable port that can be plugged into an external device for answering calls. Explosion-proof certificate is Ex ib IIC T5 Gb, Zone1 / Div.1. The model is especially suitably used in dangerous environment such as petroleum, chemical, pharmaceutical, oil depot, oil & gas, tank farm as well as the dangerous sites with combustibile and explosive gas. It is convenient for users' timely production dispatching and online communication.

Ex-mark: Ex ib IIC T5 Gb

Certification No.: CCRI 19.2279

Microphone:

Sensitivity: $-47\pm 3\text{dB}$

Max. Input Sound Level: 120dB

Output Impedance: $2.2\text{K}\Omega$

Decreasing Voltage Characteristic: -3dB

Speaker:

Sensitivity: 103dB

Impedance: $46\text{K}\Omega$

THD: $<5\%$

Maximum output Peak frequency: 118dB

Frequency Response: 20-22 KHz



Ex_headset03

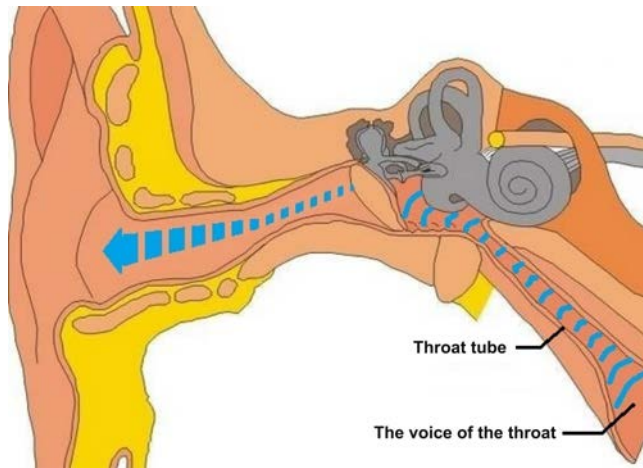
Plug: 3.5mm

Weight: 15g

Line length: 120cm

Packing: 18*12*4cm

Wearing method: earphone (depending on the ear canal size of different people, choose the appropriate earplug)





CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 19.2279

Company: Beijing Dorland System Control Tech Co.,Ltd.
Address: Room 11B5,Huajie Plaza Dazhongsi Street,Haidian District, Beijing 100098,P.R.China
Name of Product: Intrinsically Safe Noise Cancelling Earphones
Type of Product: Ex_headset03
Marking: Ex ib II C T5 Gb
Technical Documents: EJ/DLM003-2019
Drawing No.: Ex_headset03 BZ01
Note(s): Intrinsic safety parameters:
Ui: 6V, Ii: 0.2A, Ci: 0.1 μ F, Li: 0.15mH.

By verifying the drawings and technical documents and checking samples,the product complies with the following standards currently valid in P.R.China:

GB 3836.1-2010, GB 3836.4-2010

Date of Issue: 9.5.2019

Valid till: 9.4.2024

Authorize:



China Coal Research Institute Testing Center

(The test center of the national safety production of mining equipment and mining oil in Beijing)

Note: This certificate is only valid for the products that are in accord with samples tested and verified.
Center Add: No.5 Qingniangou Road,Hepingli,Beijing,100013 Tel/fax: 010-89268018
The query url of Explosion-proof Certificate: <http://www.ccrirc.com.cn/Home>