

### 【Product Picture】



### 【Product Description】

DE623 is a dual-interface wired over-ear headset designed for gamers and multimedia users who demand both performance and style. Featuring large 40mm dynamic drivers, soft cushioned earcups, and RGB lighting, it delivers immersive stereo sound and visual flair. The headset supports USB power for lighting and dual 3.5mm plugs for audio and mic input, making it widely compatible across platforms. With on-ear volume controls and a durable design, it ensures a comfortable and engaging user experience across work, play, and communication.

# Technical data sheet



## DE623 RGB Gaming Headset

Version: A/0

### 【Tech Specs】

Technical Specification	Description
Model	DE623
Color	Black
Speaker Driver Unit	Φ40mm
Speaker Impedance	32±10%Ω
Speaker Sensitivity	108±3dB
Speaker Frequency Response	20Hz-20KHz
Speaker Maximum Power	45mW
Lighting Mode	RGB
Microphone unit	Φ6.0×2.7mm
Microphone Impedance	≤2.2kΩ
Dimensions	190 × 170 × 90mm
Weight	239g
Material	ABS + Sponge
Wearing Style	Over-ear, headband
Cable Length	1.7m (PVC)
Port	USB-A/M×1 (for RGB lighting) 3.5mm ×2 (Line in + Mic)
Control	On-ear volume adjustment

### 【Features】

- 1. Immersive Stereo Output:** 40mm dynamic drivers deliver powerful sound with excellent clarity for gaming, calls, or music.
- 2. RGB Lighting Design:** USB-powered RGB lighting enhances your gaming or streaming atmosphere.

- 3. Comfortable Fit:** Over-ear design with soft sponge padding ensures fatigue-free extended use.
- 4. Dual Connectivity Support:** 3.5mm dual audio plugs ensure clear sound and mic transmission; USB provides lighting power.
- 5. Integrated Volume Control:** Easily adjust audio levels with on-ear volume buttons during any activity.

### 【Application Environment】

- 1. Gaming Ready:** Ideal for immersive gaming sessions with accurate positional audio and clear communication.
- 2. Work and Study:** Suitable for video conferencing, online learning, and remote meetings with reliable microphone pickup.
- 3. Entertainment Use:** Great for streaming, music listening, and casual media consumption at home or in the office.
- 4. Daily Comfort Use:** Designed for long-term wear, making it ideal for everyday use in multiple environments.

### 【Important Notice】

- 1. Separate Plug Design:** USB is used for lighting only; audio and mic require 3.5mm dual jacks.
- 2. No Built-in Battery:** This is a fully wired headset with no wireless or rechargeable features.
- 3. Lighting Dependency:** RGB lighting requires USB power; will not function if USB is unplugged.
- 4. Platform Compatibility:** Ensure your device has separate mic and audio 3.5mm ports for full functionality.
- 5. Cable Care Tip:** Do not excessively twist or bend the cable to avoid internal damage.