

### 【Product Picture】



### 【Product Description】

DE622 is a USB-wired over-ear headset engineered for gamers, professionals, and everyday users. Featuring 40mm dynamic drivers, an omnidirectional microphone, and immersive RGB lighting, it delivers high-quality audio, crystal-clear communication, and stylish aesthetics. With its lightweight design, soft sponge earcups, and intuitive on-ear volume control, DE622 is built for long-lasting comfort and performance across gaming, work, and entertainment scenarios.

# Technical data sheet



## DE622 RGB Gaming Headset

Version: A/0

### 【Tech Specs】

| Technical Specification         | Description              |
|---------------------------------|--------------------------|
| Model                           | DE622                    |
| Color                           | Black                    |
| Speaker Driver Unit             | Φ40mm                    |
| Speaker Impedance               | 32±15%Ω                  |
| Speaker Sensitivity             | 98dB                     |
| Speaker Frequency Response      | 20Hz-20KHz               |
| Channel Separation              | -82dB                    |
| Channel Balance                 | ±3dB                     |
| Total Harmonic Distortion (THD) | <1%                      |
| Signal-to-Noise Ratio (SNR)     | 50dB                     |
| Lighting Mode                   | RGB                      |
| Speaker Maximum Input Power     | 100mW                    |
| Microphone unit                 | Φ6.0×2.7mm               |
| Microphone Impedance            | ≤2.2kΩ                   |
| Microphone Frequency Response   | 50Hz~10000Hz             |
| Microphone Sensitivity          | -38dB ±3dB (at 3cm)      |
| Microphone S/N Ratio            | -30dB                    |
| Max SPL                         | 115dB (THD = 1%)         |
| Directivity                     | Omnidirectional          |
| Dimensions                      | 100 × 170 × 230mm        |
| Weight                          | 272g                     |
| Material                        | ABS + Sponge             |
| Cable Length                    | 1.8m (PVC)               |
| Port                            | USB-A/M ×1 (USB2.0)      |
| Control                         | On-ear volume adjustment |

### 【Features】

- 1. Immersive Audio Performance:** Equipped with 40mm drivers, the headset delivers clear highs, balanced mids, and deep bass for a rich sound experience.
- 2. Dynamic RGB Lighting:** Adds vibrant visual effects, enhancing gaming atmosphere and user enjoyment.
- 3. Comfort-Focused Design:** Lightweight ABS structure and soft sponge earcups provide all-day comfort during extended use.
- 4. On-Ear Volume Control:** Easily adjust volume through integrated earcup buttons for quick access during calls or gameplay.
- 5. Plug-and-Play Compatibility:** USB 2.0 interface ensures easy and stable connectivity with PCs, laptops, and gaming consoles.

### 【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. Universal USB Platforms:** Compatible with most systems supporting USB audio including Windows, macOS, and Linux.
- 5. Daily Comfort Use:** Designed for long-term wear, making it ideal for everyday use in multiple environments.

### 【Important Notice】

- 1. USB Only Connection:** This headset supports USB 2.0 interface only and does not include a 3.5mm audio jack.
- 2. Non-detachable Cable:** The cable is fixed to the headset; avoid excessive pulling to prevent damage.

3. **Volume Button Functionality:** On-ear controls adjust system volume; some platforms may limit their use.
4. **No Battery Required:** This is a wired headset with no internal battery; all power is supplied via USB.