

generic Q16 Pro

Q16 Pro Over Ear Open Ear Bluetooth 5.4 Earbuds User Manual

Model: Q16 Pro | Brand: generic

1. INTRODUCTION

The Q16 Pro Over Ear Open Ear Bluetooth 5.4 Earbuds are designed to provide a comfortable and immersive audio experience. Featuring a full-color LCD touch screen for intuitive control, these true wireless earbuds offer adaptive active noise reduction, an adjustable equalizer, and Bluetooth 5.4 connectivity for stable and high-quality sound transmission. The open-ear design ensures comfort during extended wear while allowing awareness of your surroundings.

2. PACKAGE CONTENTS

The Q16 Pro package typically includes the following items:

- Q16 Pro Over Ear Earbuds (1 pair)
- Charging Case with Touch Screen Display
- USB Type-C Charging Cable
- User Manual



Image: The Q16 Pro earbuds and their charging case, showcasing the integrated display and the comfortable over-ear design.

3. SETUP GUIDE

3.1 Charging the Device

Before first use, fully charge the Q16 Pro earbuds and their charging case. The charging case has a built-in battery that can recharge the earbuds multiple times.

1. Connect the provided USB Type-C cable to the charging port on the case.
2. Connect the other end of the cable to a compatible USB power adapter (not included) or a computer's USB port.
3. The display on the charging case will indicate the charging status. A full charge for the case takes approximately 1.5 hours.
4. Place the earbuds into their respective slots in the charging case. They will begin charging automatically. The case display will show the earbud battery levels.

3.2 Bluetooth Pairing

To connect your Q16 Pro earbuds to a Bluetooth-enabled device:

1. Ensure the earbuds are charged and placed inside the charging case.
2. Open the charging case. The earbuds will automatically enter pairing mode.
3. On your device (smartphone, tablet, computer), navigate to the Bluetooth settings.
4. Search for available devices. Select "Q16 Pro" from the list.
5. Once connected, the earbuds will indicate successful pairing, and the case display may show a connection icon.
6. The earbuds will automatically reconnect to the last paired device when removed from the case, if Bluetooth is enabled on the device.

New BT5.4 Faster transmission and more stable signal

The innovative pre-storage BT technology enables lossless transmission of audio data. Ensure the exact restoration of each note, so that you immerse in the pure realm of music.

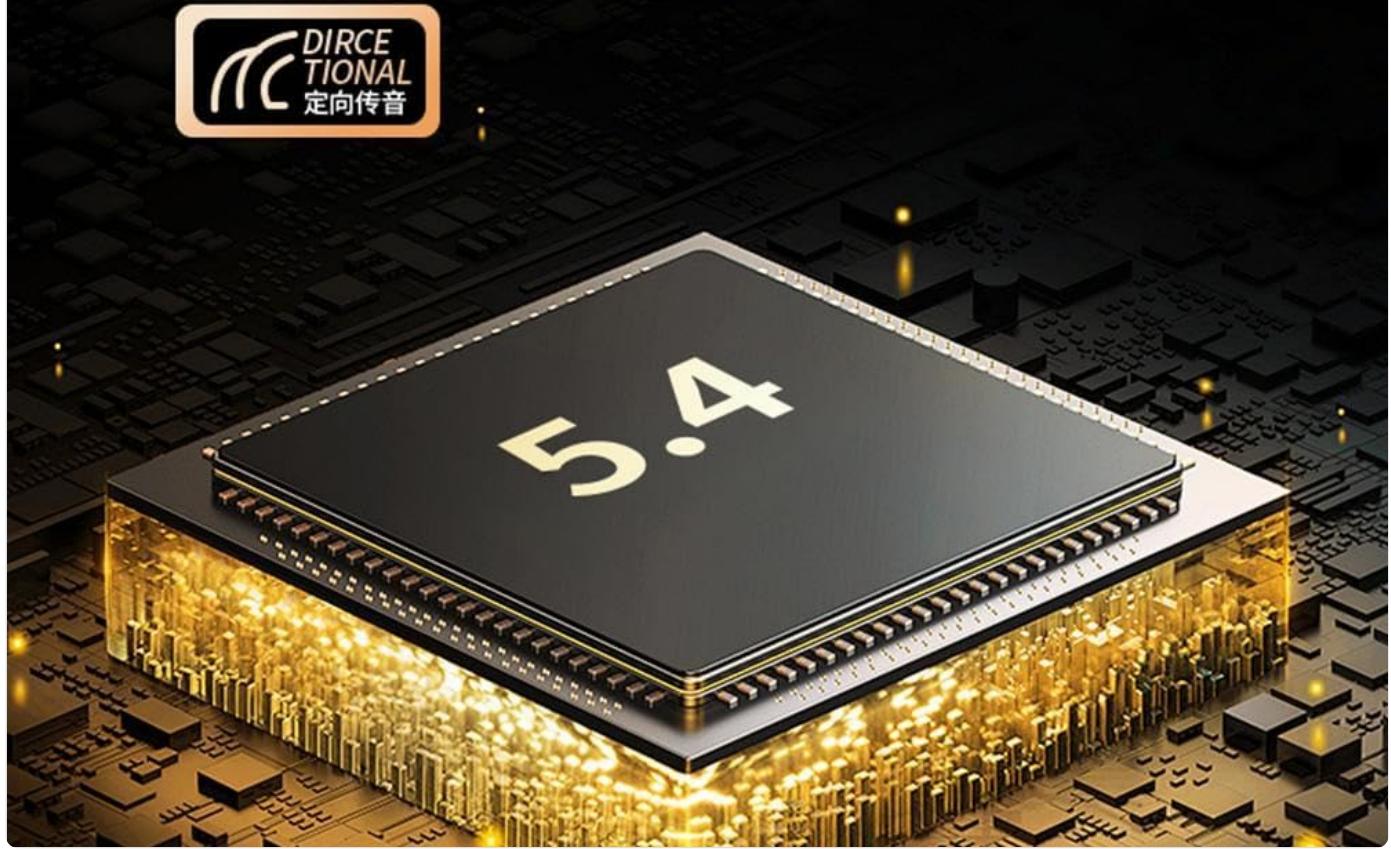


Image: Depiction of the advanced Bluetooth 5.4 chip, highlighting its role in faster and more stable signal transmission for the Q16 Pro earbuds.

4. OPERATION

4.1 Touch Screen Controls

The Q16 Pro features a full-color LCD touch screen on the charging case, allowing for intuitive control of various functions without needing to access your paired device. Functions include:

- **Music Playback:** Play, pause, skip tracks.
- **Volume Control:** Adjust audio volume.
- **Noise Reduction Control:** Toggle Adaptive Active Noise Reduction (ANC) on/off or adjust levels.
- **Equalizer Switching:** Select from various preset equalizer modes (e.g., Bass, Jazz, Vocal).
- **Spatial Sound Effects:** Switch between intelligent music, game, and movie modes for an immersive experience.
- **Call Management:** Answer, end, or reject calls.

Full color touch smart screen



Official genuine

Rich features one finger control

Image: The Q16 Pro charging case display, illustrating the full-color touch screen and various features like active noise reduction, stereo sound, and HiFi audio.

Cloud sense ear hanging panoramic sound effect

More than 10 rich functions

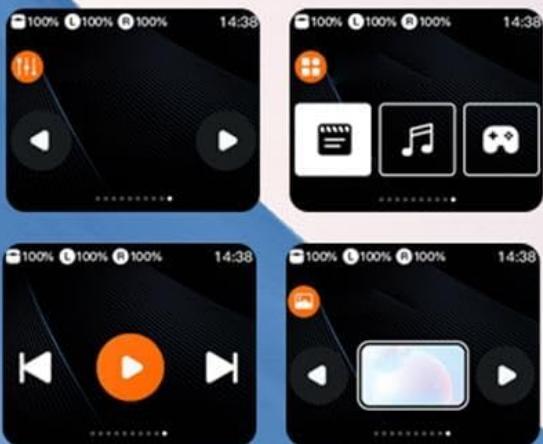


Image: The Q16 Pro charging case display showing multiple interface options for controlling music, settings, and other functions with a single finger.

4.2 Audio Features

The Q16 Pro earbuds are equipped with advanced audio technologies for a superior listening experience:

- **Adaptive Active Noise Reduction (ANC):** Effectively blocks external noise, allowing for a tranquil listening environment.
- **Adjustable Equalizer:** Customize your sound profile with various presets to match your music preferences, enhancing bass, jazz, or vocal clarity.
- **Spatial Sound Effects:** Experience immersive audio with dedicated modes for music, gaming, and movies, creating a sense of presence.
- **ENC Call Noise Reduction:** Ensures clear voice calls by reducing environmental noise during conversations.
- **High Precision Laminated Horn:** Delivers sound-grade surround sound with high elastic magnetic bass moving coil and polymeric ceramic treble single units.

Ground-breaking spatial audio live level immersive experience

HIFI sound quality, Liu shape realistic space sound field, is to make
the sound more directional

And a sense of presence to create an immersive music experience



Image: Visual representation of the Q16 Pro's spatial audio capabilities, creating an immersive and realistic sound field.

High precision laminated horn Sound grade surround sound

Innovative use of high elastic magnetic bass moving coil and
polymeric ceramic treble single

Meta combination coaxial dual unit, bring
HIFI-level sound quality experience



Image: An exploded view illustrating the internal components of the Q16 Pro earbud, highlighting the high-precision laminated horn and sound-grade surround sound technology.

4.3 Wearing Comfort

The Q16 Pro earbuds are designed for comfort and extended wear. Weighing approximately 8 grams per ear, their open-ear design avoids direct insertion into the ear canal, reducing discomfort and allowing you to remain aware of your surroundings while enjoying audio.

Low voice

Circular trumpet
Poor sound quality
makes a loud noise

unwell

Wearing earplugs
Running can easily cause
ear wear and tear

Low battery life

The battery is not
Using virtual labels for
inferior small batteries

Q16 ProCompared to other headphones



Wearing it for a long time without pain or throwing it off wildly

Auricle pain

Earbone pain

Easy to fall off and earache

Image: A comparison showing the Q16 Pro's comfortable over-ear design versus traditional in-ear headphones, emphasizing reduced ear pain and secure fit.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Q16 Pro earbuds.

- Cleaning:** Use a soft, dry, lint-free cloth to wipe the earbuds and charging case. Do not use abrasive cleaners, alcohol, or chemical solvents.
- Storage:** When not in use, store the earbuds in their charging case to protect them from dust and damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid Water:** The earbuds are not waterproof. Avoid exposure to water, rain, or excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your Q16 Pro earbuds, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
| | | |

| Problem | Possible Cause | Solution |
|-------------------------|---|---|
| Earbuds not charging | Charging cable not connected properly; dirty charging contacts; low power adapter. | Ensure cable is securely connected. Clean charging contacts on earbuds and case with a dry cotton swab. Use a standard 5V USB power adapter. |
| Cannot pair with device | Earbuds not in pairing mode; Bluetooth off on device; previously paired device interfering. | Ensure earbuds are in pairing mode (open case). Turn Bluetooth off and on again on your device. Forget "Q16 Pro" from your device's Bluetooth list and re-pair. |
| No sound or low volume | Volume too low on device/earbuds; earbuds not properly seated; connection issue. | Increase volume on both your device and via the earbud touch controls. Ensure earbuds are securely in your ears. Reconnect Bluetooth. |
| Intermittent connection | Too far from device; interference; low earbud battery. | Stay within 10 meters (33 feet) of your device. Avoid strong electromagnetic interference. Charge earbuds fully. |

7. SPECIFICATIONS

| Feature | Detail |
|-------------------------|-------------------------------------|
| Product Model | Q16 Pro |
| Bluetooth Version | V5.4 |
| Frequency Range | 2.4Ghz~2.48Ghz |
| Transmission Distance | >10m (barrier-free) |
| Charging Interface | Type-C interface |
| Battery Capacity (Case) | 500mAh |
| Battery Life (Earbuds) | Up to 40 hours (with charging case) |
| Charging Time (Case) | Approximately 1.5 hours |
| Control Method | Touch Screen, Media Control |
| Ear Placement | Open Ear |
| Form Factor | Over Ear, In Ear |
| Color | Black |
| Manufacturer | generic |
| Country of Origin | China |

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the seller directly.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact the retailer or manufacturer through the contact information provided at the point of purchase. Please have your product model (Q16 Pro) and purchase details ready when contacting support.

