Generic df52

User Manual for V12 Black Tech Space Audio OWS In-Ear Bluetooth Headphones

Model: df52

1. PRODUCT OVERVIEW

The V12 Black Tech Space Audio OWS In-Ear Bluetooth Headphones (Model: df52) are designed for an immersive audio experience with open-ear comfort. These headphones feature advanced noise cancellation and a stable Bluetooth connection, making them suitable for various activities including sports and travel.

Figure 1: V12 Black Tech Space Audio OWS In-Ear Bluetooth Headphones in their charging case.

Key features include:

- **HD Sound Quality:** Utilizes V12 black technology spatial audio for a pure and realistic music experience.
- **Intelligent Noise Cancellation:** Effectively reduces external interference for clear audio and calls.
- **Bluetooth Wireless Connection:** Offers a transmission range of up to 10 meters for freedom of movement.
- **Humanized Ear Clip Design:** Provides comfortable and stable wear, suitable for extended use. Supports binaural stereo sound.
- **Long Battery Life:** More than 8 hours of battery life on a single charge.

Open Bluetooth earphones

Comfortable and imperceptible
panoramic sound effect

Open Audio technology / space surround sound / strong endurance

Figure 2: The ear clip design ensures a comfortable and secure fit for the headphones.

2. WHAT'S IN THE BOX

Upon opening the package, you will find the following items:

- V12 Black Tech Space Audio OWS In-Ear Bluetooth Headphones (1 pair)
- Charging Case
- User Manual (this document)
- USB Charging Cable

3. SETUP

3.1 Charging the Headphones

Before first use, ensure the headphones and charging case are fully charged. Place the headphones into the charging case and connect the USB charging cable to the case and a power source. The indicator light on the case will show charging status and turn off when fully charged.

3.2 Pairing with a Bluetooth Device

1. Ensure the headphones are charged and inside the charging case.
2. Open the charging case. The headphones will automatically enter pairing mode, indicated by a flashing light (refer to specific light patterns in the quick start guide if available).
3. On your device (smartphone, tablet, computer), enable Bluetooth.
4. Search for available Bluetooth devices. Select "V12 Headphones" or similar name from the list.
5. Once connected, the indicator light on the headphones will change (e.g., solid blue) and a voice prompt may confirm successful pairing.

The headphones will automatically reconnect to the last paired device when taken out of the case, if Bluetooth is enabled on the device.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Open the charging case, and the headphones will power on automatically.
- **Power Off:** Place the headphones back into the charging case and close the lid. They will power off automatically.

4.2 Music Playback

The headphones feature touch controls for music management. Specific gestures may vary, but common controls include:

- **Play/Pause:** Single tap on either earbud.

- **Next Track:** Double tap on the right earbud.
- **Previous Track:** Double tap on the left earbud.
- **Volume Control:** As per specifications, volume control is available. Refer to your device's volume settings or specific headphone gestures if available (not detailed in product info).

4.3 Call Management

Manage calls with simple touch gestures:

- **Answer/End Call:** Single tap on either earbud.
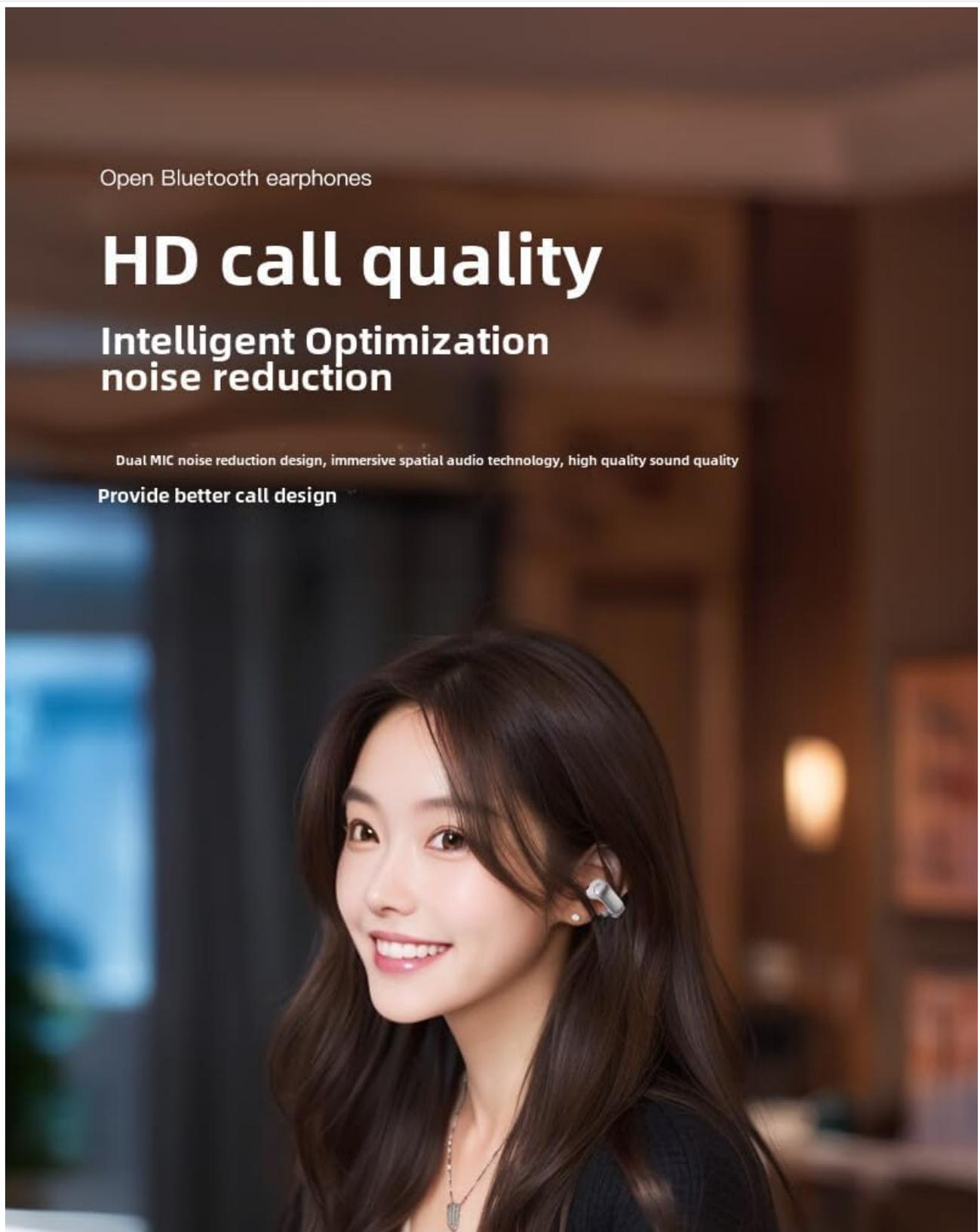- **Reject Call:** Press and hold either earbud for 2 seconds.

Figure 3: The headphones offer HD call quality with intelligent noise reduction for clear communication.

4.4 Noise Cancellation

The headphones feature intelligent noise cancellation technology to reduce ambient sounds. This feature is automatically active during use to enhance your listening and call experience.

Open Bluetooth earphones

Open listening

Safer outdoor sports

Open not in the ear, comfortable travel, real-time perception of external sound
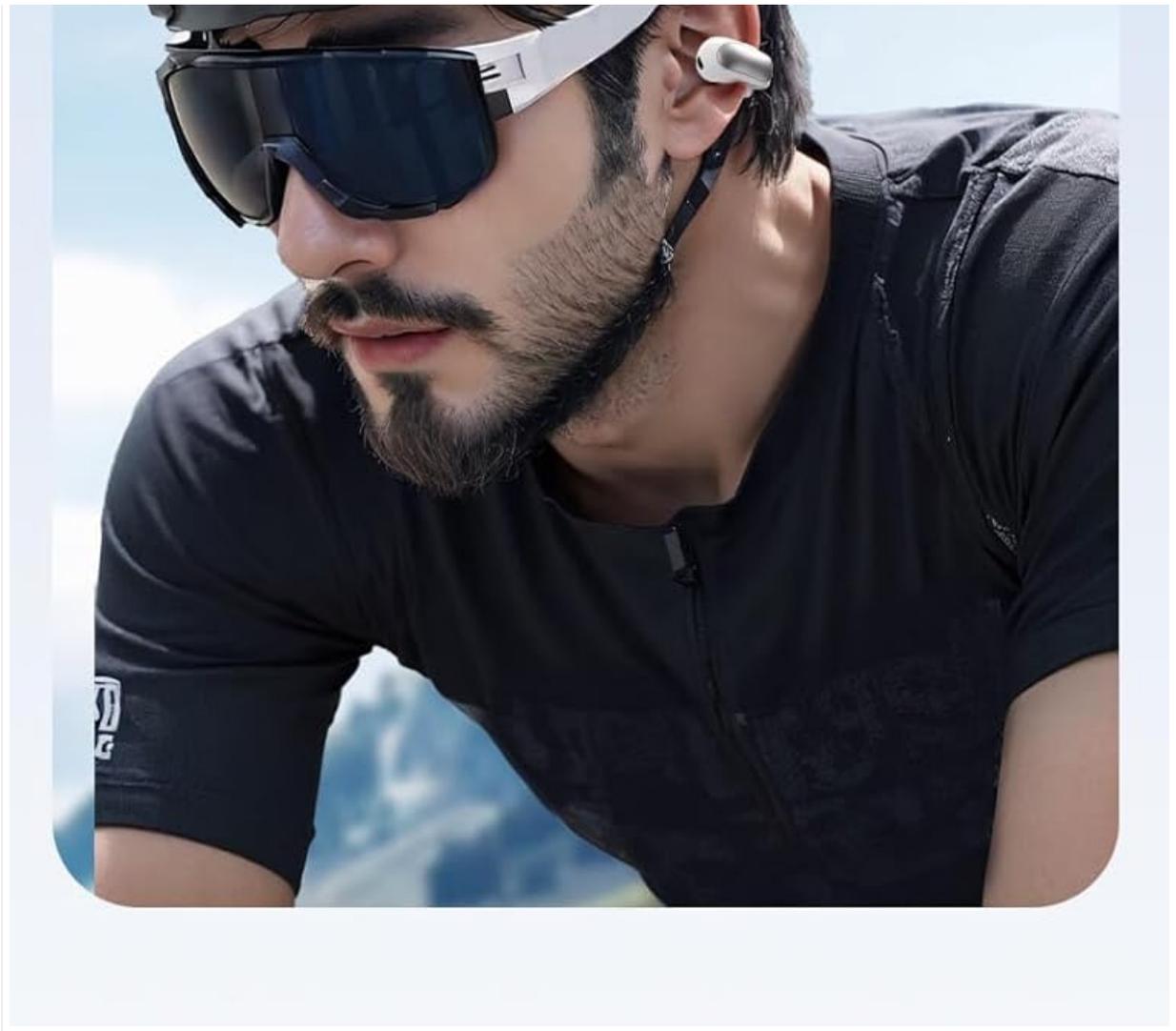
Guard sports safety

Figure 4: The open-ear design allows for awareness of surroundings, enhancing safety during outdoor activities.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the headphones and charging case. Do not use abrasive cleaners or solvents.
- **Water Resistance:** Please note that these headphones are **Not Water Resistant** as per product specifications. Avoid exposure to water, rain, sweat, or high humidity to prevent damage.
- **Storage:** When not in use, store the headphones in their charging case to protect them from dust and damage. Store in a cool, dry place.
- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not in constant use.

Open Bluetooth earphones

Rain and sweat proof

X5 level protection

High-density body, effectively prevent rain and sweat, daily use with confidence

Figure 5: The headphones are constructed from durable PC+ABS material. While the image may depict water, please note the product specifications indicate these headphones are **Not Water Resistant**.

6. TROUBLESHOOTING

Problem	Possible Solution
Headphones do not power on.	Ensure the headphones are charged. Place them in the charging case and connect the case to a power source.
Cannot pair with device.	• Ensure Bluetooth is enabled on your device. • Make sure the headphones are in pairing mode (open case). • Forget the device from your Bluetooth list and try pairing again. • Ensure the headphones are within the 10-meter transmission range.
No sound or low volume.	• Check the volume level on both your device and the headphones. • Ensure the headphones are properly connected to your device. • Try playing different audio sources.
Headphones disconnect frequently.	• Ensure there are no obstacles between the headphones and your device. • Move closer to your device to stay within the Bluetooth range. • Check for interference from other wireless devices.

7. SPECIFICATIONS

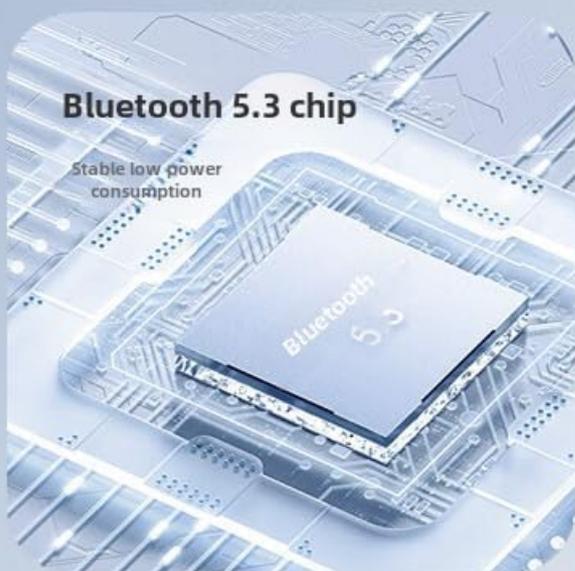| Feature	Detail
Model Name	Headphones
Item Model Number	df52
Brand	Generic
Connectivity Technology	Wireless
Wireless Communication Technology	Bluetooth
Bluetooth Version	5.0
Bluetooth Range	10 Meters
Battery Life	More than 8 Hours
Ear Placement	On Ear (Ear Clip Type)
Material	Polycarbonate (PC), Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Control Type	Volume Control, Remote
Water Resistance Level	Not Water Resistant
Recommended Uses	Travel, Exercising, Sport

Air sense
Comfortable to wear

All headphones are universal

I can't wear it for a long time

Bluetooth 5.3 chip

Stable low power consumption

Panoramic surround stereo sound effect

3D space surround

Tri-frequency equalization technology

12MM large moving ring

Ensure timbre restoration

Available in two colors

Classic two-tone

Figure 6: Internal components and features, including the Bluetooth chip and sound technology.

Figure 7: Detailed view of the 12mm moving ring speaker and sound enhancement technology.
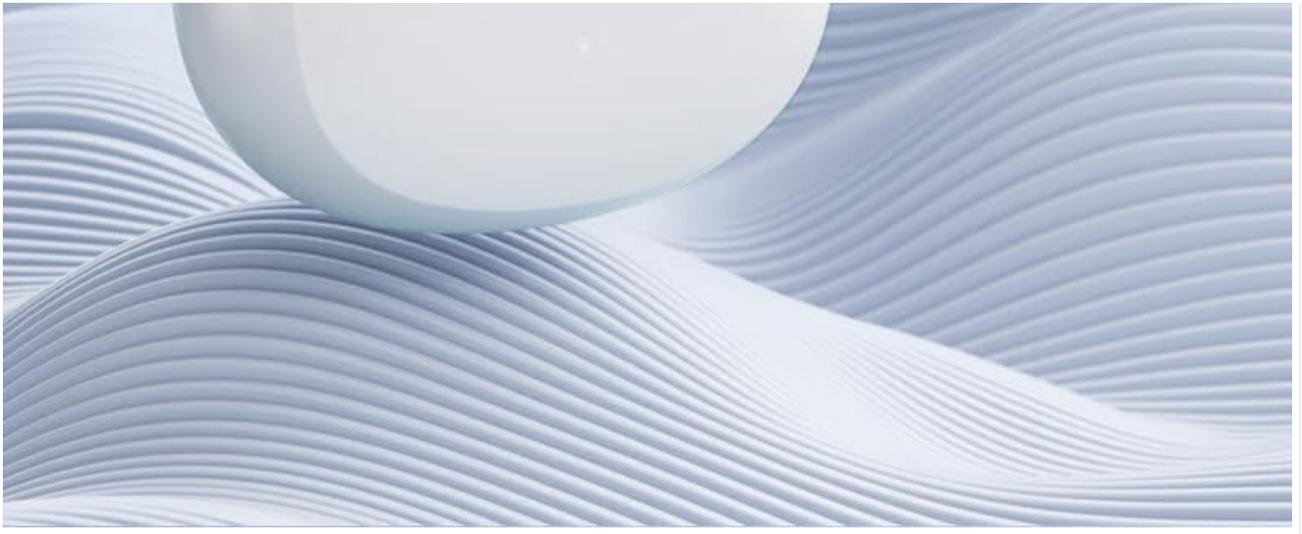

Open Bluetooth earphones

Classic two-tone

Simple Beauty

Upgrade a new generation of Bluetooth 5.4 chip, fast connection, listening to songs, and more stable calls

Figure 8: The headphones are available in classic two-tone designs (black and white options shown).

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For warranty claims or technical support, please refer to the contact information provided by your retailer or the manufacturer's official website. Always retain your proof of purchase for any warranty-related inquiries.