

# 3.5mm Male to 2.5mm Female Plug Audio Stereo Headphone Jack Adapter Converter (EU Compliance Product Manual)

## 1. Product Overview

Product Name: 3.5mm Male to 2.5mm Female Plug Audio Stereo Headphone Jack Adapter Converter

Product Model: DSL-AUD-3.5M-2.5F (Consistent with CE Certificate)

Brand: DSLRKIT

Product Description: This is a professional audio stereo adapter converter, featuring a 3.5mm male plug on one end and a 2.5mm female jack on the other. It is specially designed to solve the compatibility problem between audio devices with different jack sizes, enabling seamless connection between 3.5mm male audio devices (such as headphones, earphones, speakers, mobile phones, tablets, laptops) and 2.5mm female audio equipment (such as old-fashioned headphones, professional audio devices, portable players). The product adopts high-precision connector design, supports stereo sound transmission, with clear sound quality and no signal loss. It is small, lightweight, easy to carry and use, made of environmentally friendly and durable materials, and meets the relevant compliance requirements of the European Union, affixed with the CE mark to ensure safe circulation and use in the EU market.

## 2. Compliance Information (EU Mandatory)

**CE Mark Declaration:** This product complies with the requirements of the European Union Low Voltage Directive (LVD) 2014/35/EU and Electromagnetic Compatibility Directive (EMC) 2014/30/EU, and is affixed with the CE mark, which is a mandatory certification mark for the product to circulate freely in the EU market[5].

### **Manufacturer Information:**

**Manufacturer Name:** Shenzhen Dister Photography Equipment Co., Ltd.

**Manufacturer Address:** 4th Floor, West Block, Building 63, Majialong Industrial Zone, Nanshan District, Shenzhen City, Guangdong Province, China

### **EU Authorized Representative (Importer) Information:**

**Name:** CET PRODUCT SERVICE LTD.

**Address:** Osterholzallee 14471636 Ludwigsburg Germany (Detailed address in EU territory)

**Contact Phone:** +497-1416432236

**Email:** [info.cetservice@gmail.com](mailto:info.cetservice@gmail.com)

**DOC Compliance Statement:** The Declaration of Conformity (DOC) for this product has been prepared in accordance with EU CE compliance requirements, detailing the product's compliance with relevant directives and standards, and is available upon request from EU market supervision authorities[5].

**Applicable Standards:** Complies with EU harmonized standards EN 60950-1 (Safety of information technology equipment) and EN 55032 (Electromagnetic compatibility - Emission requirements), and meets the requirements of EU RoHS directive 2011/65/EU to restrict the use of hazardous substances[9]. The product also meets the EU audio connector safety and quality standards, ensuring stable sound transmission and user safety.

### 3. Technical Specifications

- Connector Type: 3.5mm Male Plug (Stereo) + 2.5mm Female Jack (Stereo), standard 3-pole design, compatible with most stereo audio devices.
- Product Type: Audio Adapter Converter, plug-and-play, no driver or external power supply required.
- Conductor Material: Oxygen-free copper core contacts, high conductivity, low resistance, ensuring clear stereo sound transmission without distortion or signal loss[5].
- Shell Material: High-quality ABS engineering plastic + metal connector shell, wear-resistant, anti-oxidation, anti-fall, and durable, meeting EU environmental protection and safety standards[11].
- Audio Performance: Supports stereo sound, frequency response range 20Hz-20KHz, signal-to-noise ratio  $\geq 85\text{dB}$ , ensuring high-fidelity sound quality.
- Working Voltage: No external power supply required (passive adapter), compatible with the working voltage of mainstream audio devices (3V-5V).
- Working Temperature:  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$  (suitable for daily use scenarios in EU countries, indoor and outdoor).
- Plug Dimension: 3.5mm male plug (standard size, compatible with most 3.5mm audio ports); 2.5mm female jack (standard size, compatible with most 2.5mm male audio plugs).
- Certifications: CE, FCC, RoHS (complies with EU RoHS directive 2011/65/EU, restricting the use of lead, mercury, cadmium and other hazardous substances)[9].

### 4. Safety Warnings (Mandatory for EU)

**Warning!** ⚠ Read this manual carefully before use to avoid personal injury, equipment damage or audio signal failure due to improper operation or use.

- This product is an **audio stereo adapter converter**, only suitable for connecting 3.5mm male audio devices to 2.5mm female audio equipment. Do not use it for non-audio devices (such as power supply, signal transmission equipment) or incompatible jack sizes; incorrect use may cause equipment damage or signal short circuit.
- Do not insert or pull out the adapter violently when the audio device is powered on, to avoid damaging the adapter connector or the audio port of the device.
- Do not use the product in humid, rainy, high-temperature (exceeding 60°C) or flammable and explosive environments to prevent short circuit, corrosion of contacts, or safety hazards[11].
- Do not touch the metal contacts of the adapter with bare hands or metal objects when in use, to avoid signal interference, short circuit or damage to the equipment.
- Keep the product away from children and pets to prevent accidental swallowing of small parts (such as the adapter itself), biting or damage, resulting in safety risks (choking hazard for small children).
- Do not disassemble, modify or repair the adapter by yourself. The product is a precision component, and non-professional disassembly will damage its structure, affect sound quality or cause safety hazards.
- If the adapter is damaged (such as loose contacts, cracked shell, poor sound transmission, no sound), stop using it immediately and replace it with a new one to avoid damage to the connected audio devices.
- Do not use the adapter with over-powered audio equipment, to avoid signal overload, sound distortion or damage to the adapter and connected devices.

## 5. Installation and Operation Instructions

### 5.1 Installation Preparation

Check whether the product is intact (no damage to the shell, no deformation of the plug/jack, no oxidation of metal contacts), and prepare the required audio devices: 1 x 3.5mm Male to 2.5mm Female Audio Adapter, 1 x 3.5mm Male Audio Device (such as headphones, earphones, speakers, mobile phone), 1 x 2.5mm Female Audio Equipment (such as old headphones, portable player, professional audio device).

Check the audio ports of the connected devices to ensure there is no dust, dirt or damage, so as not to affect the connection and sound transmission[9].

### 5.2 Step-by-Step Operation (Plug-and-Play)

1. Turn off the power/volume of the connected audio devices (recommended) to avoid sudden loud noise or damage to the audio equipment.
2. Gently insert the 3.5mm male plug of the adapter into the 3.5mm audio port of the source device (such as mobile phone, laptop, speaker) until it is firmly connected (do not insert it forcibly to avoid damaging the port).
3. Insert the 2.5mm male plug of the target audio device (such as old headphones) into the 2.5mm female jack of the adapter, and confirm that the connection is firm.
4. Turn on the power of the audio devices, adjust the volume to an appropriate level, and test whether the sound is transmitted normally (check for stereo effect, no distortion, no noise).
5. After use, turn off the power/volume of the audio devices first, then gently pull out the adapter from the audio ports (hold the adapter shell, do not pull the connector directly), and store it properly.

## 5.3 Usage Notes

Before each use, check the connection between the adapter and the audio devices to ensure firm contact, avoiding poor contact (such as no sound, intermittent sound) and affecting the use experience.

Regularly wipe the metal contacts of the adapter plug and jack with a dry and clean cloth to remove dust, dirt or oxidation, ensure good conductivity, and extend the service life of the adapter[9].

Avoid placing the adapter near strong magnetic fields or strong electrical equipment, so as not to interfere with the audio signal transmission and cause sound distortion.

When storing the adapter, place it in a dry, cool and clean environment, avoid direct sunlight, high-temperature storage or contact with corrosive substances, and prevent oxidation of metal contacts and damage to the shell.

## 6. Applicable Scenarios and Compatible Devices

### 6.1 Applicable Scenarios

It is widely used in daily audio use scenarios, such as home entertainment, office, outdoor sports, travel, etc. It is suitable for users who need to connect 3.5mm audio devices to 2.5mm audio equipment, such as using modern 3.5mm headphones with old-fashioned 2.5mm audio players, connecting 3.5mm speakers to 2.5mm professional audio devices, etc. It is suitable for daily users, audio enthusiasts, office workers and other groups in EU countries, solving audio device compatibility problems conveniently and efficiently.

### 6.2 Compatible Devices

**Compatible Source Devices (3.5mm Male):** All audio devices with standard 3.5mm male audio ports, such as headphones, earphones, speakers, mobile phones, tablets, laptops, MP3/MP4 players, radios, and other mainstream audio source devices[5].

**Compatible Target Devices (2.5mm Female):** All audio equipment with standard 2.5mm female audio ports, such as old-fashioned headphones, portable audio players, professional audio equipment, some walkie-talkies with audio ports, and other devices that use 2.5mm audio jacks.

## 7. Maintenance and Warranty

**Maintenance:** Regularly wipe the metal contacts of the adapter plug and jack with a dry and clean cloth to remove dust, dirt or oxidation, ensure good contact; avoid the adapter being soaked in water or exposed to corrosive substances; avoid violent insertion and extraction of the adapter to protect the connector and contacts; store the unused adapter in a dry and sealed environment to prevent damage.

**Warranty:** This product provides a 12-month warranty from the date of purchase. During the warranty period, if the product has quality problems (non-human damage, such as poor sound transmission caused by manufacturing defects, loose contacts, cracked shell), please contact the EU authorized representative or the seller's after-sales service for replacement. The warranty will be void if the product is damaged due to improper use, disassembly, modification or natural wear and tear.

(注：文档部分内容可能由 AI 生成)