

DSLRKIT 2PCS Lens Focus Calibration Alignment AF Micro Adjustment Ruler Folding Card (Size:L, EU Compliance Product Manual)

1. Product Overview

Product Name: DSLRKIT 2PCS Lens Focus Calibration Alignment AF Micro Adjustment Ruler Folding Card

Product Model: DSL-FOC-CAL-L-2PCS (Consistent with CE Certificate)

Brand: DSLRKIT

Product Description: This product is a professional lens focus calibration tool, including 2 pieces of AF micro adjustment rulers in folding card design, with size L (large size) for easier observation and operation. It is specially designed for DSLR and mirrorless cameras, used to calibrate the autofocus (AF) accuracy of camera lenses, solve the problem of focus deviation (front focus/back focus), and ensure sharp and clear shooting results. The product adopts a foldable design, lightweight and easy to carry, made of high-quality waterproof and wear-resistant paper material, with clear scale marks and high calibration accuracy. It is suitable for both professional photographers and amateur users, 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.

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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 precision measurement tool safety and quality standards, ensuring accurate calibration and user safety.

3. Technical Specifications

- Product Quantity: 2PCS (2 pieces per set), sufficient for daily use and backup.
- Product Type: Lens AF Micro Adjustment Ruler, Folding Card Design, easy to store and carry.
- Size: L (Large Size), unfolded size: 21cm x 15cm; folded size: 10.5cm x 15cm (easy to put into camera bag).
- Material: High-quality waterproof coated paper, wear-resistant, tear-resistant, not easy to deform, with clear and non-fading scale marks.
- Calibration Principle: Adopts high-precision scale design, combined with the camera's AF micro-adjustment function, to detect and correct front focus/back focus, reference precision up to 0.1mm, ensuring accurate focus alignment[4].
- Scale Mark: Clear black and white contrast scale, with focus target points and distance marks (1m, 2m, 3m), easy to observe and operate even in low-light environments.
- Working Temperature: -10°C ~ 60°C (suitable for indoor and outdoor photography scenarios in EU countries).
- Compatibility: Universal for all DSLR and mirrorless cameras (such as NIKON, CANON, SONY, FUJIFILM, etc.) with AF micro-adjustment function, compatible with all types of lenses (fixed focus, zoom, macro lenses)[6].
- 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 camera/lens damage, calibration inaccuracy or personal injury due to improper operation or use.

- This product is a **lens focus calibration tool**, only used for calibrating the AF accuracy of camera lenses. Do not use it for other purposes (such as measuring other objects, children's toys), and do not use it to scratch or hit camera/lens surfaces, so as not to cause damage.
- When using the calibration ruler, keep it away from the camera lens to avoid collision between the ruler and the lens (especially the lens glass), which may scratch or damage the lens coating.
- Do not use the product in humid, rainy, high-temperature (exceeding 60°C) or flammable and explosive environments; the paper material may absorb water and deform, affecting calibration accuracy, and high temperature may cause the scale to fade[11].
- Keep the product away from children and pets to prevent accidental tearing, swallowing small pieces (if damaged) or biting, resulting in safety risks (choking hazard for small children).
- Do not fold or bend the ruler violently, so as not to tear the paper or deform the scale, which will affect the calibration accuracy. Fold it along the preset creases gently when storing.
- If the ruler is damaged (such as torn, scale faded, deformed), stop using it immediately and replace it with a new one to avoid inaccurate calibration and affecting shooting results.
- Calibration operation should be carried out in a stable and vibration-free environment. Avoid shaking the camera or the ruler during calibration, so as not to cause calibration errors[4].
- Do not use chemical cleaners (such as alcohol, acetone) to wipe the ruler, which may damage the scale marks and the waterproof coating of the paper.

5. Installation and Operation Instructions

5.1 Installation Preparation

Check whether the product is intact (2 pieces of rulers, no tear, no scale fading, no deformation), and prepare the required equipment: 1 set (2PCS) of DSLRKIT Focus Calibration Ruler (Size:L), 1 x DSLR/Mirrorless Camera (with AF micro-adjustment function), 1 x Camera Lens (to be calibrated), 1 x Tripod (recommended, for stable shooting), 1 x Dry Clean Cloth.

Choose a stable, vibration-free indoor environment with sufficient and uniform light (avoid direct sunlight or strong backlight) to ensure clear observation of the scale and accurate calibration[4].

5.2 Step-by-Step Operation (Calibration Steps)

1. Unfold the calibration ruler along the preset creases gently, place it on a flat and stable surface (such as a table), and ensure the ruler is fully unfolded and not tilted.
2. Adjust the distance between the camera and the ruler: place the camera on a tripod (or hold it stably), and keep the camera lens perpendicular to the calibration ruler, with a distance of 1m-3m (refer to the distance marks on the ruler for accurate positioning).
3. Turn on the camera, set the camera to Manual (M) mode or Aperture Priority (Av) mode, adjust the aperture to the maximum (to test the lens' maximum aperture focus accuracy), set the ISO to the lowest (to reduce noise), and adjust the shutter speed to ensure clear shooting[3].
4. Set the camera's autofocus mode to Single Autofocus (AF-S), select the central focus point, and aim the focus point at the center target of the calibration ruler[6].
5. Press the shutter to take a photo, then view the photo on the camera's LCD screen (zoom in to view details) to check whether the focus is accurate: if the center target is sharp, the focus is normal; if the area in front of the target is sharp, it is front focus; if the area behind the target is sharp, it is back focus.
6. Enter the camera's menu, find the "AF Micro Adjustment" function (different camera brands have different menu positions, refer to the camera manual), and adjust the micro-adjustment value according to the focus deviation: adjust to the positive value for front focus, and negative value for back focus[6].
7. After adjusting the value, repeat steps 53-55, take photos again and check until the center target of the ruler is completely sharp (no front/back focus), and the calibration is completed.
8. After use, fold the ruler gently along the creases, wipe the surface with a dry clean cloth to remove dust, and store it in a dry and clean camera bag.

5.3 Usage Notes

It is recommended to use a tripod during calibration to avoid camera shaking, which may cause calibration errors; if no tripod is available, hold the camera stably and avoid shaking when pressing the shutter[4].

Calibrate each lens separately: different lenses may have different focus deviations, and each lens needs to be calibrated independently to ensure accurate focus of all lenses.

Regularly check the calibration ruler: if the scale fades or the ruler is deformed, replace it in time to avoid inaccurate calibration results.

When storing the ruler, avoid placing heavy objects on it, so as not to deform the ruler; keep it away from humid environments to prevent the paper from getting damp and moldy.

6. Applicable Scenarios and Compatible Devices

6.1 Applicable Scenarios

It is widely used in professional and amateur photography scenarios, such as studio photography, portrait photography, product photography, outdoor shooting, etc. It is suitable for calibrating the AF accuracy of camera lenses, solving the problem of focus deviation, and ensuring sharp and clear shooting results. It is suitable for professional photographers, photography studios, camera maintenance shops, and amateur photography enthusiasts in EU countries, helping to improve shooting quality efficiently.

6.2 Compatible Devices

Compatible Cameras: All DSLR and mirrorless cameras with AF micro-adjustment function, such as NIKON D800E/D800/D700, CANON EOS 5D Mark IV, SONY α7 series, FUJIFILM X-T series, etc.[6]

Compatible Lenses: All types of camera lenses, including fixed focus lenses, zoom lenses, macro lenses, telephoto lenses, etc., regardless of brand and focal length, as long as the matching camera has AF micro-adjustment function.

7. Maintenance and Warranty

Maintenance: Regularly wipe the surface of the ruler with a dry and clean cloth to remove dust; avoid folding or bending violently, fold along the preset creases gently; store in a dry, cool and clean environment, avoid humid, high-temperature or direct sunlight; do not use chemical cleaners to wipe, so as not to damage the scale and waterproof coating.

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 scale fading, paper tearing, deformation caused by manufacturing defects), 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, violent folding, humid storage or natural wear and tear.

(注：文档部分内容可能由 AI 生成)