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› PICTRON ULANZI U-80L Metal Ball Head Camera Mount Instruction Manual

## PICTRON U-80L

# PICTRON ULANZI U-80L Metal Ball Head Camera Mount Instruction Manual

Model: U-80L

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## 1. INTRODUCTION

Thank you for choosing the PICTRON ULANZI U-80L Metal Ball Head Camera Mount. This versatile and robust ball head is designed to provide stable and flexible camera positioning for various photography and videography needs. Its compact design, high load capacity, and unique features make it an essential tool for creators.



*Figure 1: ULANZI U-80L Metal Ball Head Camera Mount*

## **2. SETUP**

### **2.1 Product Components Overview**

# Product analysis



Figure 2: Detailed view of ULANZI U-80L components including the 1/4" screw, Arca Quick Release Plate, Anti-Skid Pad, PTZ lock knob, Cold Shoe, and Lock knob.

## 2.2 Attaching to a Tripod or Monopod

The ULANZI U-80L features a standard 1/4" screw hole at its base, making it compatible with most tripods, monopods, and camera sliders. Simply screw the ball head onto the 1/4" screw of your support device until it is securely tightened.

## 2.3 Attaching the Arca Swiss Quick Release Plate

The ball head comes with an Arca Swiss standard quick release plate. This plate attaches to the bottom of your camera or other compatible device.

1. Locate the 1/4" screw on the quick release plate.
2. Align the screw with the tripod mount hole on your camera.
3. Tighten the screw using a coin or the provided hex wrench until the plate is firmly attached to your camera.
4. The plate includes limited screws to prevent accidental camera drops. These can be removed if desired, and a storage slot is provided on the ball head for safekeeping.

# Standard Arca Swiss Quick Released Plate

Non-slip with limited spacing quick released plate



Figure 3: Illustration of the Arca Swiss quick release plate and its attachment mechanism.

## 2.4 Mounting Your Camera

1. Loosen the main locking knob on the ball head to open the Arca Swiss clamp.
2. Slide your camera, with the quick release plate attached, into the clamp.
3. Tighten the main locking knob until the camera is securely held in place. Ensure the camera is stable before releasing your grip.

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*Video 1: Official ULANZI U-80L Ball Head demonstration, showing the quick release plate and camera mounting process.*

## 3. OPERATING INSTRUCTIONS

### 3.1 Adjusting Camera Angle (360-Degree Swivel)

The ULANZI U-80L features a 360-degree rotatable ball joint, allowing for flexible camera positioning. It is equipped with two U-shaped slots for horizontal, vertical, or side adjustments.

1. To adjust the camera angle, loosen the main PTZ lock knob.

2. Position your camera to the desired angle.
3. Tighten the PTZ lock knob firmly to secure the camera in place.

### 3.2 Using the 360° Rotatable Cold Shoe

A unique feature of the U-80L is its patented 360° rotatable cold shoe, designed to solve the common issue of simultaneously mounting a camera and accessories like microphones or lights.

1. Attach your accessory (e.g., microphone, LED light) to the cold shoe mount.
2. The cold shoe can be rotated 360 degrees to achieve the best angle for your accessory without interfering with the camera or other equipment.
3. Ensure the accessory is securely fastened to the cold shoe.



Figure 4: The ULANZI U-80L showcasing its rotatable cold shoe with an attached microphone, allowing for flexible accessory positioning.

### 3.3 Stability and Load Capacity

The U-80L is constructed from all-metal CNC machined components, providing a robust and stable platform. It has a maximum load capacity of 10KG (22lbs).

## Product parameters



Brand: Ulanzi

Model: U-80L

Name: Arca Swiss Side  
Cold Shoe Ball Head

Material: Magnesium  
Aluminum + Steel

Weight: 119g

Load-Bearing: 10Kg 2.5kg is  
recommended

Size: 66.70\*66\*32.50mm

*Figure 5: Visual representation of the ULANZI U-80L's high weight capacity, supporting over 10kg. The large area of anti-skid silicone on the quick release plate further protects your device from accidental slipping. The adjustable twist handle provides additional stability and ease of use.*

# Product List



U-80L Arca Swiss Side Cold Shoe Ball Head



Package



Hex Wrench

Figure 6: Examples of the ULANZI U-80L in various vlogging and photography setups, demonstrating its versatility.

## 4. MAINTENANCE

- **Cleaning:** Wipe the ball head with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish.
- **Lubrication:** The ball joint is designed for smooth operation. Avoid applying lubricants unless specifically instructed by the manufacturer, as this could attract dust and debris.
- **Storage:** Store the ball head in a dry, clean environment away from extreme temperatures and humidity.
- **Inspection:** Periodically check all screws and knobs to ensure they are tight and secure. If any part appears damaged, discontinue use and contact customer support.

## 5. TROUBLESHOOTING

- **Camera not holding position:** Ensure all locking knobs (main PTZ lock and quick release plate clamp) are fully tightened. Check that the quick release plate is securely attached to your camera.
- **Difficulty rotating ball head:** Loosen the PTZ lock knob sufficiently. If rotation is still stiff, ensure no debris is obstructing the ball joint.
- **Accessory not fitting cold shoe:** Verify that your accessory has a standard cold shoe mount.

Ensure the cold shoe clamp is properly opened before inserting the accessory.

## 6. SPECIFICATIONS

Feature	Detail
Model Name	U-80L
Brand	PICTRON
Material	All Metal (Magnesium Aluminum + Steel)
Color	Black
Item Weight	119g (4.2 ounces)
Product Dimensions	1.28"D x 2.63"W x 2.56"H (66.70mm x 66mm x 32.50mm)
Maximum Weight Recommendation	10KG (22.05 Pounds)
Tripod Interface	1/4" Screw Hole
Quick Release Plate	Arca Swiss Standard
Cold Shoe	360° Rotatable
Compatible Devices	Camera, DSLR, Monopod, Tripod



Figure 7: Detailed product parameters and dimensions of the ULANZI U-80L.

## 7. WARRANTY & SUPPORT

### 7.1 Warranty Information

This product comes with a **1-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

### 7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact PICTRON customer support through the retailer where you purchased the product or visit the official PICTRON website for contact information.

Please have your purchase receipt and product model number (U-80L) ready when contacting support.

