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NEEWER DL400

NEEWER DL400 Motorized Camera Slider Dolly Instruction Manual

Model: DL400 | Brand: NEEWER

INTRODUCTION

The NEEWER DL400 is an upgraded motorized camera slider dolly designed for smooth and uninterrupted video recording. Featuring an ultra-quiet dual motor drive and non-slip rubber wheels, it supports cameras up to 6.6lb/3kg. Control the dolly wirelessly via the NEEWER App on iOS or Android devices, offering Manual, Live Video, and Time Lapse modes. The device supports various shooting paths including circular, arched, and linear movements with adjustable speeds. It includes a 360° ball head, phone holder, and action camera adapter for wide compatibility.

PACKAGE CONTENTS

- 1 x DL400 Motorized Camera Dolly
- 1 x NP-F750 Replacement Battery
- 1 x USB Type C Charging Cable
- 1 x Action Camera Mount
- 1 x Phone Holder
- 1 x Ball Head

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Figure 1: NEEWER DL400 Package Contents

SETUP

1. Battery Installation and Charging:

Insert the NP-F750 battery into the designated slot on the dolly. For optimal battery longevity, fully charge the battery before first use using the provided USB Type-C cable. The battery supports up to 5 hours of runtime.

SILENT FIVE SPEED ADJUSTMENT

Adjust speed using the device controls or the app.
Driven by high precision stepping motor with ultra quiet ($\leq 30\text{db}$) performance



Figure 2: Battery Installation and Charging

2. Attaching Camera Accessories:

The dolly features a 1/4" screw mount. Attach the included ball head, phone holder, or action camera adapter as needed for your recording device.

WIDE COMPATIBILITY

Compatible with a variety of equipment.
Max load: 6.6lb / 3kg.



Phone Holder

Compatible with cellphones

Action Camera Adapter

Compatible with action cameras

Standard 1/4" Screw

Compatible with camera and photography equipment

Figure 3: Attaching Camera Accessories

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button on the dolly to turn it on or off. The LED indicators will light up to show the current status and battery level.

2. Manual Control

The dolly features onboard buttons for direct control:

- Speed Adjustment:** Use the speed buttons to select one of 5 speed levels (60s/m, 50s/m, 35s/m, 25s/m, 15s/m).
- Movement Direction:** Use the direction buttons to move the dolly forward or backward.
- Movement Mode:** Toggle between constant and slow movement modes. Slow mode provides gradual starts and stops.

TIME LAPSE PHOTOGRAPHY

Supports time lapse photography with custom parameter selection.
Note: A shutter cable is required to link with the camera (sold separately).



Figure 4: Manual Control Buttons and Speed Settings

3. App Control (NEEWER App)

For advanced control, download the NEEWER App on your iOS or Android device and connect via Bluetooth.

- **Manual Mode:** Control movement directions and speed.
- **Live Video Mode:** Set movement directions, movement distance (2.2-32.8ft/66-999cm), and movement mode (constant/slow).
- **Time Lapse Mode:** Configure shutter speed, frame-by-frame duration, number of shots, and fixed point shooting. *Note: Time Lapse photography requires a camera shutter cable (sold separately).*
- **Save Presets:** Personalize your shots and save settings for future use.

SUPPORTS MOBILE APP CONTROL

Bluetooth enabled for intelligent app control.
Compatible with Android and iOS smartphones.



Figure 5: NEEWER App Interface for Dolly Control

4. Precise Motion and Flexible Use

The camera dolly can be manually adjusted to move along circular, arched, and linear paths. Adjust the wheel angles (left or right +/-30°) for curved movements. The included ball head allows for 360° rotation and 90° tilt angles for versatile camera positioning.

PRECISE MOTION & FLEXIBLE USE

The dolly can travel in circular, arch, and linear paths for different camera movements.

Note: The maximum slope supported is 30 degrees. Please start at low speed in 1st or 2nd gear.



Figure 6: Dolly Movement Paths and Angle Adjustment

MAINTENANCE

- Keep the dolly clean and free from dust and debris.
- Store the dolly and battery in a cool, dry place when not in use.
- Ensure the battery is fully charged before long-term storage to maintain its health.
- Regularly check all screws and connections to ensure they are secure.

TROUBLESHOOTING

- **Dolly Shaking on Slopes:** Avoid starting the camera dolly at the highest speed level (5th speed) when climbing slopes to prevent shaking. Start at a lower speed and gradually increase if necessary.

- **Uneven Movement:** Ensure the surface the dolly is operating on is as flat and smooth as possible for optimal performance. Uneven surfaces can cause jerky movements.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your mobile device and the dolly is powered on. Restart both the app and the dolly if connection problems persist.
- **Battery Not Charging:** Verify the USB Type-C cable is securely connected to both the battery and a power source. Ensure the power source is functional.

SPECIFICATIONS

Model	DL400
Product Dimensions	7.87 x 3.94 x 5.91 inches
Item Weight	3.75 pounds (60 Ounces)
Load Capacity	6.6lb / 3kg
Battery	1 Lithium Metal (NP-F750, 4400mAh)
Runtime	Up to 5 hours
Charging Port	USB Type C
Motor Type	Ultra Quiet Dual Motor Drive
Wheel Type	Non-slip rubber wheels
Adjustable Wheel Angle	+/-30°
Mounting Points	1/4" screw
Compatible Devices	GoPro, iPhone, Android, Samsung Smartphone, DSLR Camera, Camcorder
UPC	191073091870

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt for warranty claims.