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› SmallRig Mini V-Lock Assembly Kit MD2801B User Manual

## SMALLRIG MD2801B

# SmallRig Mini V-Lock Assembly Kit MD2801B User Manual

Model: MD2801B

## 1. INTRODUCTION

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The SmallRig Mini V-Lock Assembly Kit MD2801B is a quick-release system designed for securely mounting V-mount accessories, such as V-mount batteries, onto camera cages, rigs, or other compatible equipment. This kit consists of a V-lock base station (female V-dock) and a V-lock wedge (male V-lock) that interlock to provide a stable and efficient attachment solution. Its compact and lightweight design makes it suitable for various professional video production setups.

## 2. SAFETY INFORMATION

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- Ensure all screws are tightened securely before use to prevent equipment damage.
- Do not exceed the maximum recommended weight capacity of 48 grams for the assembly kit.
- Avoid exposing the product to extreme temperatures or corrosive environments.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

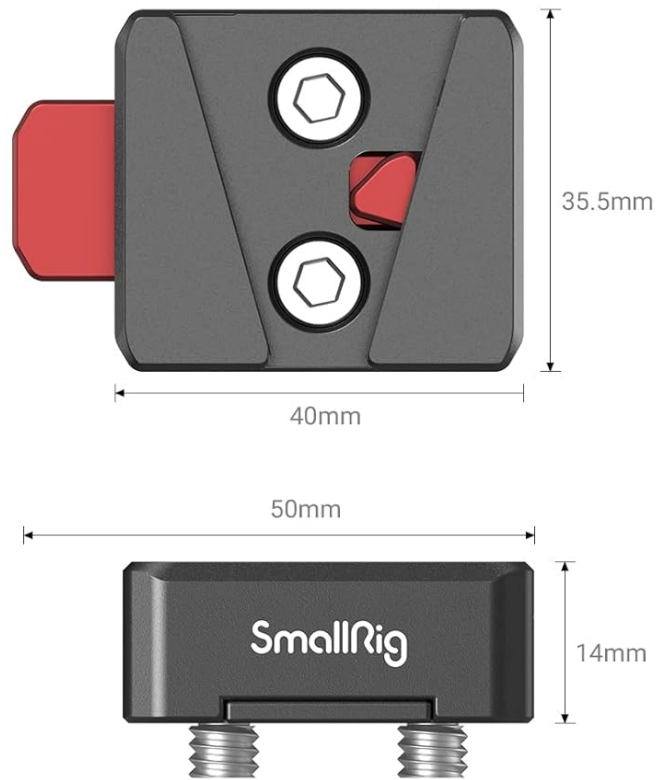
- 1 x Female V-Dock
- 1 x Male V-Lock
- 1 x Spanner (Allen wrench)
- 2 x 1/4"-20 captive screws (pre-installed on Female V-Dock)

## Package Includes

Female V-Dock × 1

Male V-Lock × 1

Spanner × 1



## Product Parameter

### Brand

SmallRig

### Product Dimensions

52 × 35.5 × 14mm

### Material

Aluminum Alloy

### ID

MD2801B

### Net Weight

48g

### Compatibility

V-Mount Battery

Figure 3.1: Package contents and dimensions of the SmallRig Mini V-Lock Assembly Kit.

## 4. PRODUCT OVERVIEW

The MD2801B kit is constructed from durable aluminum and features multiple mounting options. The female V-dock includes two 1/4"-20 threaded holes for attachment to various camera accessories. The male V-lock has three M3 holes, allowing it to serve as a replacement for the original V-lock on a V-mount battery.

# Product Details Display

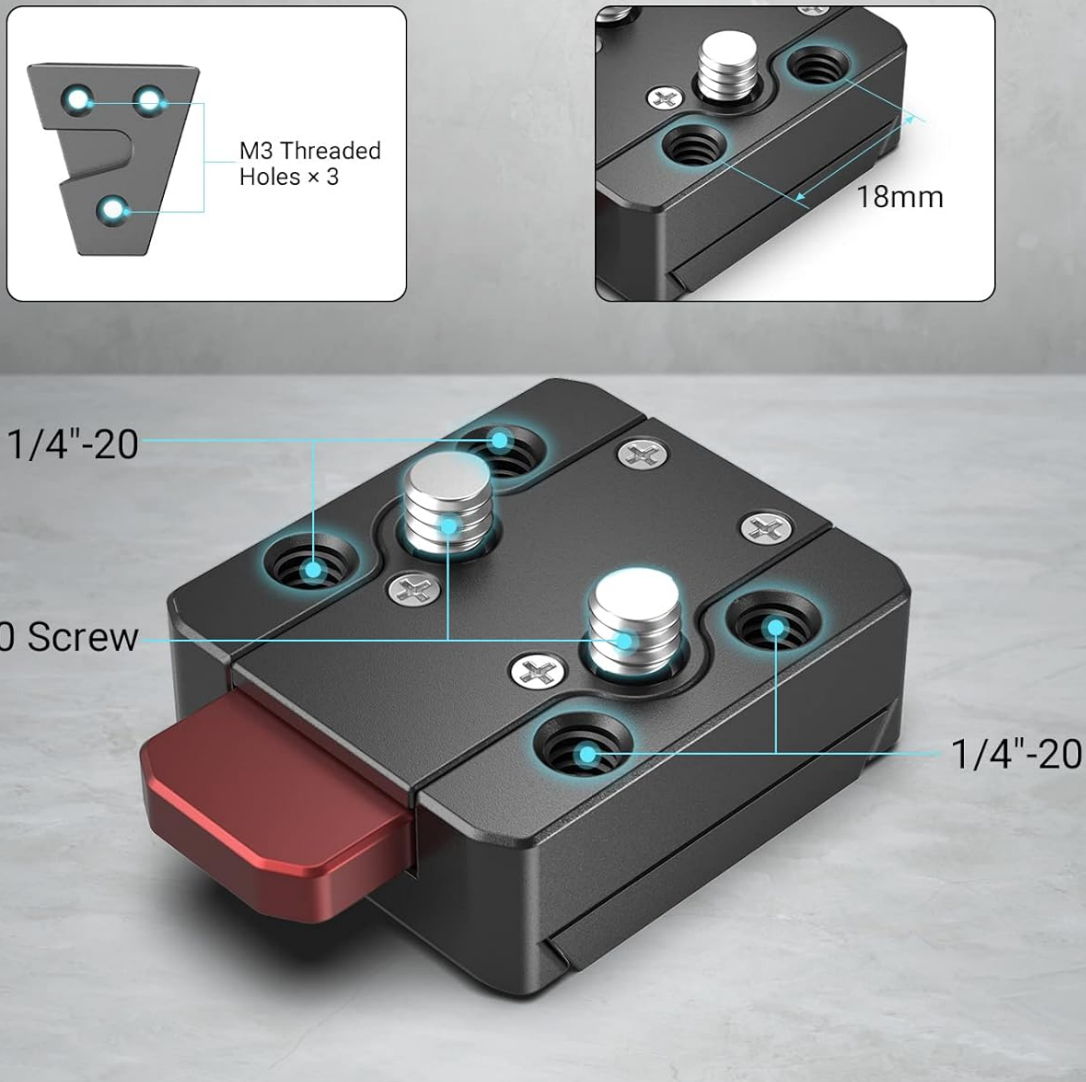


Figure 4.1: Product details displaying the M3 threaded holes and 1/4"-20 mounting points.

## 5. SETUP INSTRUCTIONS

### 5.1 Attaching the Female V-Dock to Your Rig

1. Identify the desired mounting location on your camera cage, monitor frame, or shoulder pad mount.
2. Align the two 1/4"-20 captive screws on the Female V-Dock with the corresponding threaded holes on your rig.
3. Use the included spanner (Allen wrench) to tighten the screws until the Female V-Dock is securely fastened.

# Fits Most V-Mount Batteries



With two 1/4"-20 mounting holes on the Female V-Dock, you can attach this assembly kit directly to a SmallRig camera cage kit, SmallRig monitor frame, or SmallRig shoulder pad mount

 **Please note:** ONLY includes the Mini V-Lock Assembly Kit MD2801

Figure 5.1: The V-lock assembly kit attached to a camera rig, ready for a V-mount battery.

## 5.2 Attaching the Male V-Lock to Your Accessory

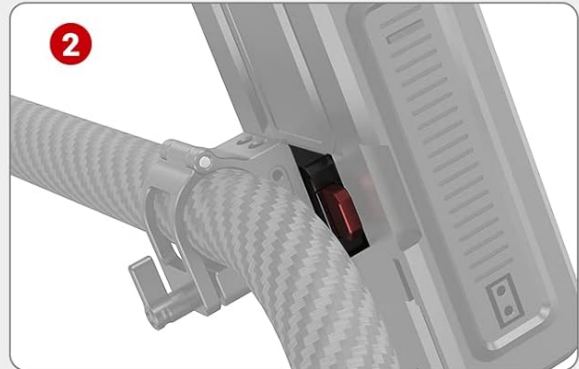
The Male V-Lock can be attached to your V-mount accessory or used to replace an existing V-lock on a V-mount battery using its three M3 holes. Ensure compatibility with your accessory's mounting pattern.

## 6. OPERATING INSTRUCTIONS

### 6.1 Attaching a V-Mount Accessory

1. Ensure the Female V-Dock is securely mounted to your rig.
2. Align the Male V-Lock (attached to your V-mount accessory/battery) with the Female V-Dock.
3. Slide the Male V-Lock into the Female V-Dock until it clicks into place. The integrated protruding portions ensure a secure, twist-free fit.

# Easy Disassembly Design



The mini v-lock assembly kit is a quick release set based on the standard v-lock, you can easily assembly or disassembly the battery with the red component on the side of the v-lock

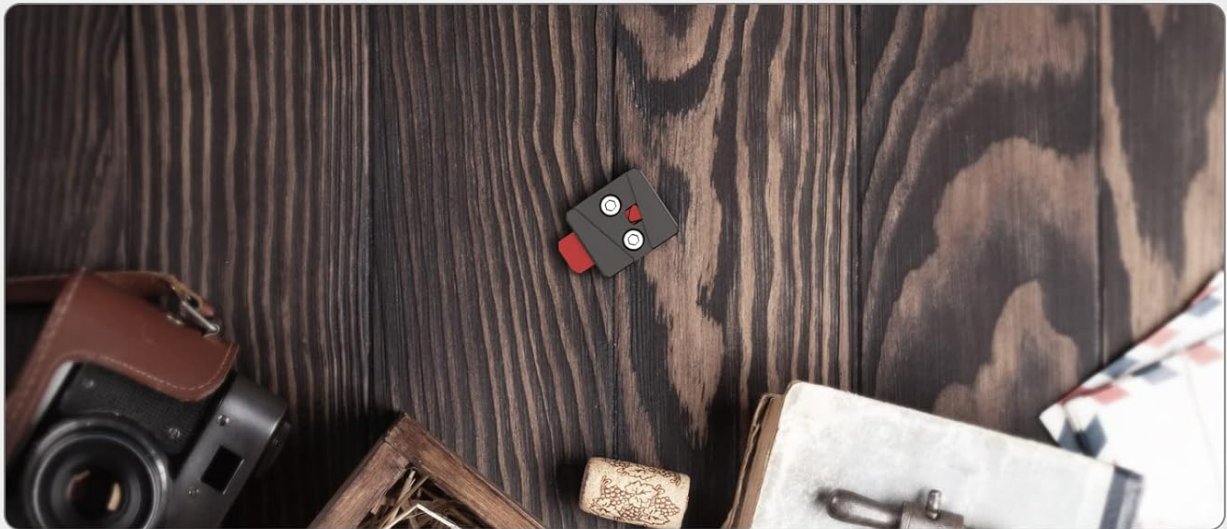


Figure 6.1: Quick release and secure locking mechanism for V-mount accessories.

## 6.2 Detaching a V-Mount Accessory

1. Locate the red quick-release lever on the side of the Female V-Dock.
2. Press and hold the red quick-release lever.
3. While holding the lever, slide the V-mount accessory upwards to detach it from the Female V-Dock.

## 7. MAINTENANCE

- Clean the assembly kit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Periodically check all screws for tightness and re-tighten if necessary.
- Store the kit in a dry, dust-free environment when not in use.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Accessory feels loose after attachment.	Screws on the Female V-Dock are not tight enough, or the accessory's Male V-Lock is not fully engaged.	Ensure the 1/4"-20 captive screws are fully tightened. Re-attach the accessory, ensuring it clicks securely into place.
Difficulty detaching accessory.	Quick-release lever not fully pressed, or mechanism is stiff.	Press the red quick-release lever firmly. If stiff, ensure no debris is obstructing the mechanism.

## 9. SPECIFICATIONS

Feature	Detail
Model	MD2801B
Material	Aluminum Alloy
Product Dimensions	52mm (L) x 35.5mm (W) x 14mm (H)
Item Weight	48g (1.69 ounces)
Mounting (Female V-Dock)	2 x 1/4"-20 Threaded Holes
Mounting (Male V-Lock)	3 x M3 Threaded Holes
Compatibility	Standard V-Mount Batteries and accessories

## 10. WARRANTY AND SUPPORT

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

Official Website: [www.smallrig.com](http://www.smallrig.com)

