

# Oben FRM-4S Macro Focusing Rail Instruction Manual



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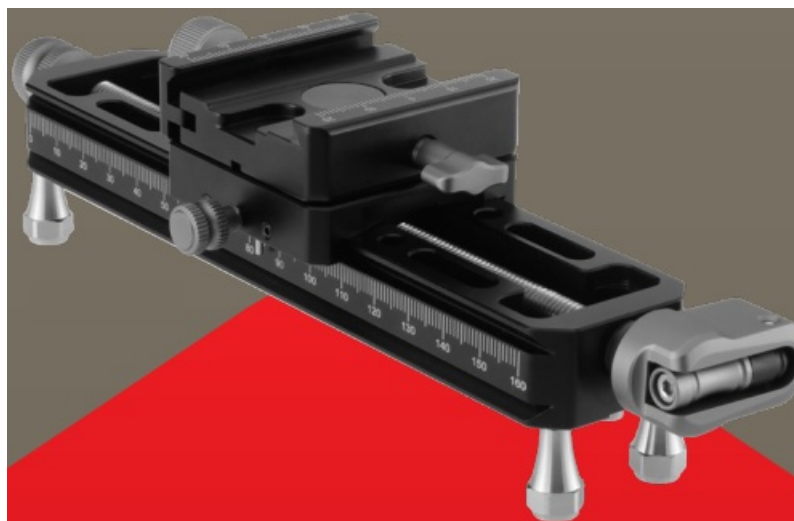
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## FRM-4S / FRM-7L

### Macro Focusing Rail



Model FRM-7L shown

**You're on steady ground®**

## INTRODUCTION

### Thank you for choosing Oben

The Oben Macro Focusing Rail provides a stable mounting platform for a camera and lens, and is designed for precise camera-to-subject focusing. Both rails are built for macro photography or exacting close-up work.

The rail delivers front-to-back control of a macro lens whether the rail is mounted on a tripod or used as a stand-alone tabletop accessory. Stacking two rails together produces side-to-side aiming control that's calibrated in miniscule increments.

## WARNINGS

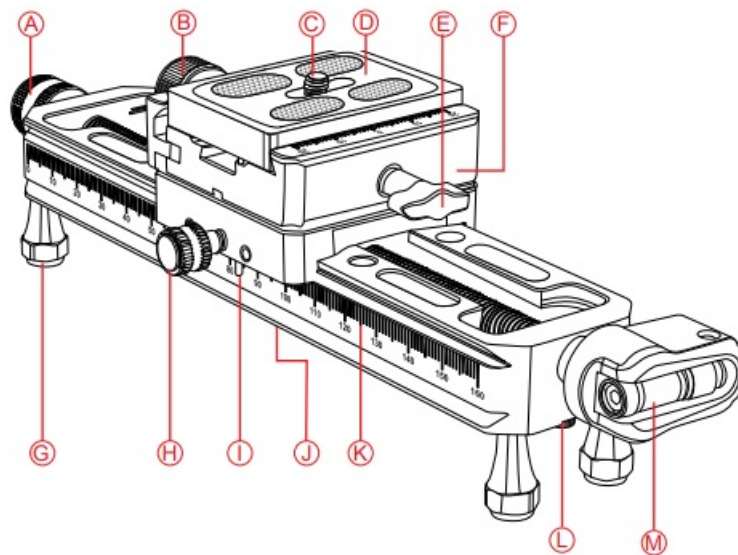


### Warnings:

- Please read and follow these instructions, and keep this manual in a safe place.
- Do not attempt to attach the focusing rail to a tripod with the camera attached.
- Remove the camera and lens from the focusing rail during setup and transport.
- All images are for illustrative purposes only.

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## OVERVIEW



- A** Fine-tune adjustment knob
- B** Quick-release knob
- C** 1/4-20 mounting screw
- D** Quick-release plate
- E** Pan lock
- F** Arca style clamp
- G** Removable feet
- H** Drag adjustment knob
- I** Position pin
- J** 3/8-16 threaded socket
- K** Scale

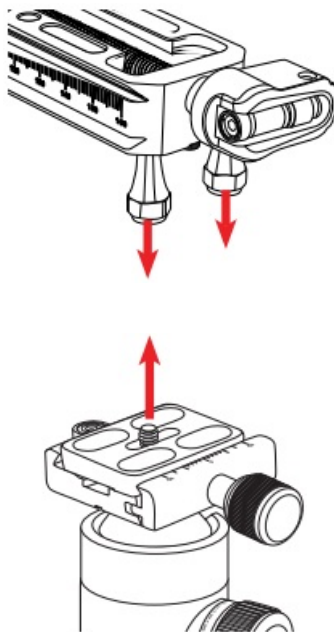
**L** Stop pin  
**M** Distance adjustment knob

## OPERATION

### Mounting

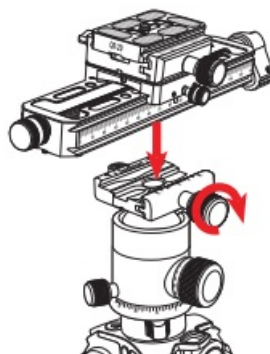
#### MOUNTING THE RAIL TO AN ARCA-TYPE BALLHEAD

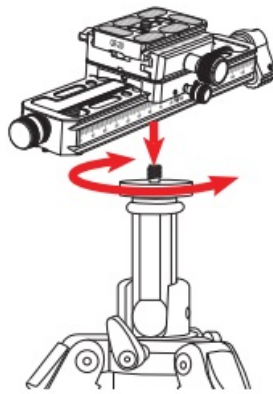
1. Remove the feet by unscrewing them.
2. Remove the ball head's quick release lock.
3. Place the macro rail down into the clamp, and tighten the quick release lock until it's secure.



#### ATTACHING THE MACRO RAIL DIRECTLY TO A TRIPOD OR NONARCA BALLHEAD

Screw the macro rail directly onto the tripod's or ball head plate's threaded stud. If the tripod head has a 3/8-16 mounting stud, remove the reducer bushing from the rail's socket.

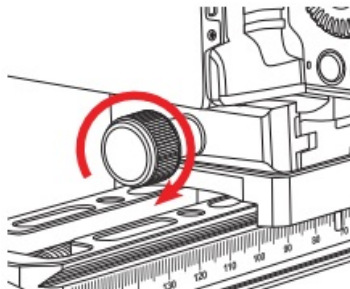
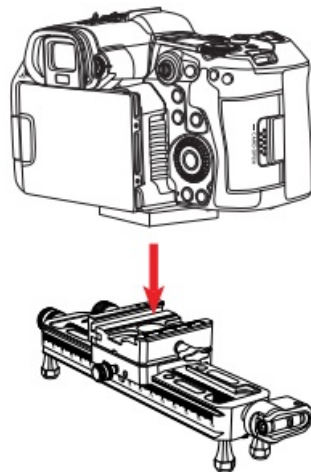
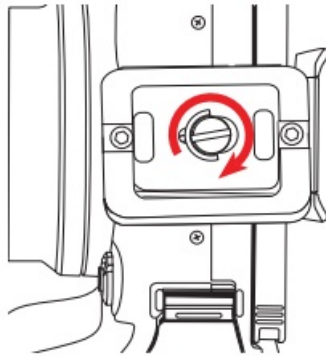




## **MOUNT A CAMERA OR LENS TO THE RAIL**

The Arca-type quick release plate has a 1/4-20 mounting screw that attaches to most cameras.

For cameras with a 3/8-16 mounting socket, screw a reducer bushing onto the camera's socket.



1. Screw the quick release plate into the camera or lens collar.

2. Place the camera/ plate assembly into the rail's mounting platform. Make sure the plate sits flush against the bottom of the platform, and the clamp locks around the quick-release plate's grooves.
3. Tighten the quick release knob until the plate is secure in the clamp.

Operating the FRM-7L and FRM-4S

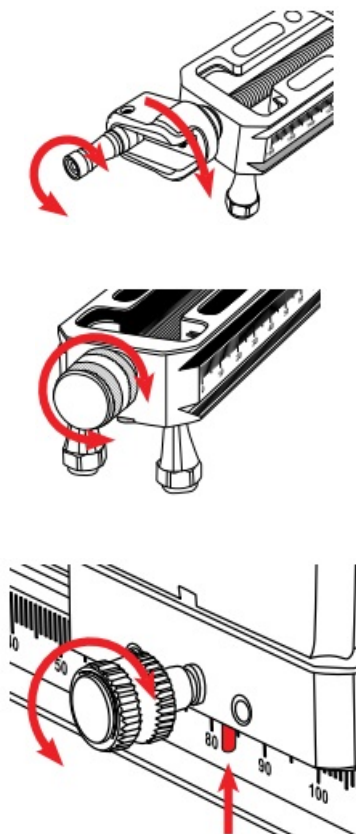
## FRONT-TO-BACK ADJUSTMENT

Set the distance from the subject by turning the distance adjustment knob.

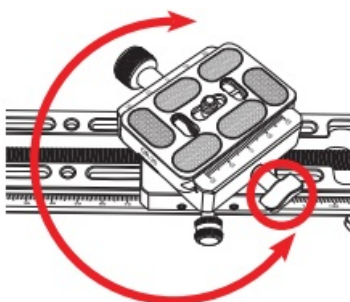
Fine-tune the distance with the fine-tune knob.

For precise distance adjustment with a heavy lens, increase the friction by tightening the drag adjustment knob. For smaller and lighter lenses, decrease the drag by loosening the knob.

Note the location of the position pin on the side scale to duplicate the setup



## PAN ADJUSTMENT

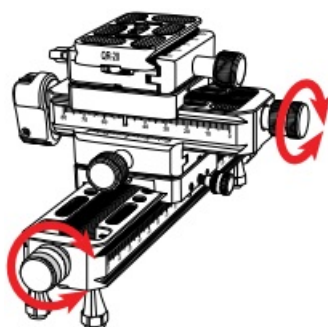
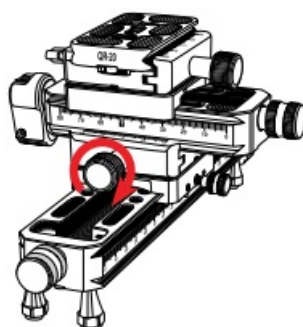
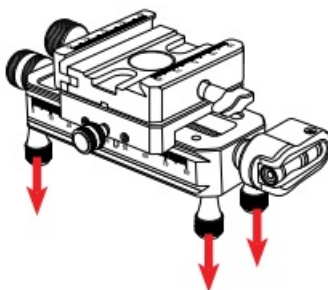
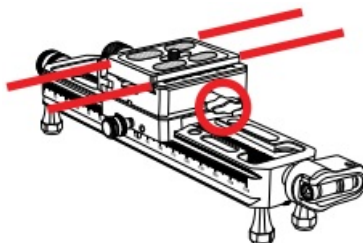


The mounting platform can pan 360°.

Loosen the pan lock and turn the platform to 90°. Tighten the pan lock to ensure the camera and lens won't slip out of position.

## SIDE-TO-SIDE ADJUSTMENT

Stack the FRM-4S on top of the FRM-7L for side-to-side camera adjustment.



1. Loosen the FRM-7L's pan lock, and rotate the platform so it's panned at a 90° angle. Then tighten the pan lock.
2. Remove the feet from the FRM-4S. Remove the quick-release plate from the F R M-7 L .
3. Place the FRM-4S's base into the FRM-7L's mounting platform, and tighten the quick release knob.
4. Use the FRM-4S's adjustment knob for side-to-side movement. Use the FRM-7L's adjustment knob for back-to-front movement.

STAND-ALONE TABLETOP USE

The rails include four legs with nonslip rubber pads for traction on highly polished surfaces.

Screw in the legs, and place the rail on a flat surface.



SPECIFICATIONS

Specifications

	FRM-7L	FRM-4S
Load Capacity	22 lb. (10 kg)	22 lb. (10 kg)
Base Mount	Arca-type compatible	Arca-type compatible
Rail Length	7 in. (17.8 cm)	4 in. (10.2 cm)
Travel Length	6.3 in. (16 cm)	2.1 in. (5.3 cm)
Material	Aluminum	Aluminum
Color	Black	Black
Height	1.75 in. (4.4 cm)	1.75 in. (4.4 cm)
Height (with feet)	2.5 in. (6.3 cm)	2.5 in. (6.3 cm)
Weight	1.1 lb. (489 g)	12.4 oz. (352 g)

WARRANTY

Five-Year Limited Warranty

This Oben product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of five (5) years from the original purchase date or thirty (30) days after

replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function. This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state. To obtain warranty coverage, contact the Oben Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Oben along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit [www.obensupports.com](http://www.obensupports.com) or call Customer Service at 212-594-2353.



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## Documents / Resources



[Oben FRM-4S Macro Focusing Rail](#) [pdf] Instruction Manual  
FRM-4S, FRM-4S Macro Focusing Rail, Macro Focusing Rail, Focusing Rail, Rail



## References

-  [Oben | Tripods, Monopods & Tripod Accessories](#)
-  [Gradus | Gradus Group](#)
-  [Oben | Tripods, Monopods & Tripod Accessories](#)
- [User Manual](#)

Manuals+.