

Instruction Manual for Marco to Wideangle Lens 1 (MWL-1) 150 deg. FOV with Full Frame 60mm Marco

Lenses

PN# 86201

FOREWORD

Thank you for your purchase of a NAUTICAM product.

At NAUTICAM, we pride ourselves in the ability to recognize the requirements of professional as well as amateur underwater photographers and fulfill them through the innovative designs of our products. We strive to achieve a high level of user-friendliness by allowing stress-free installation and easy operation of all important functions of the camera.

Each product is individually inspected and water pressure tested to ensure optimum quality.

Please read this manual carefully before using the product, this will maximize its performance as well as its lifetime.

WARRANTY

All NAUTICAM Housing Products and Viewfinders are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. NAUTICAM Optical Accessories are warranted against material and manufacturing defects for a period of one year, and HDMI cables carry a four month warranty.

This warranty only applies to products purchased from authorized NAUTICAM dealers and does not extend beyond the original retail purchaser.

To return your product for service, please contact your regional authorized service center(s). Please note that this warranty only applies when the product is purchased in the territory where the service center is located.

NAUTICAM does not hold responsibility for damage, of any nature, to any equipment used with and/or placed within our products.

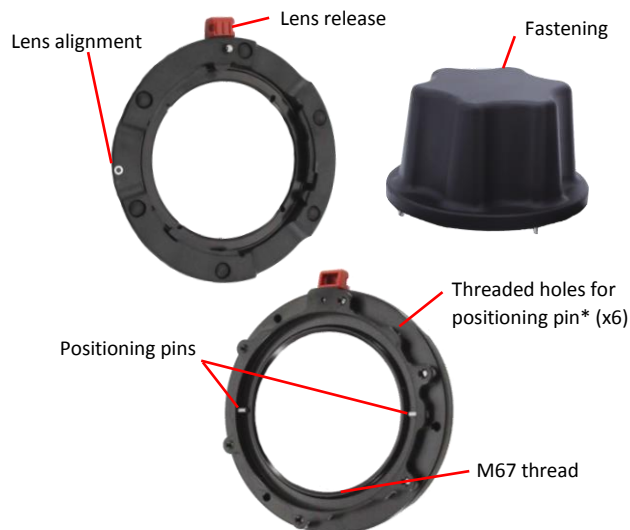
NAUTICAM accepts no liability for any loss of captured images or the inability to capture images even if it is due to the malfunctioning of our products.

Unauthorized modifications and/or repairs of our products will automatically invalidate the warranty.

PACKAGE CONTENTS

- Marco Wideangle Lens 1 (MWL-1)
- M67 to Bayonet Mount Converter (#83213)
- Rear Lens Cap for MWL-1/WWL-1 (#83221)
- Bayonet Mounting Ring for MWL-1(Pre-installed)
- Neoprene Cover
- Cleaning Cloth
- Carrying Bag
- Instruction Manual and Compatibility Chart

IDENTIFICATION OF PARTS



*There are two alignment pins at the bottom of the holder, by relocating the two screws to the threaded holes around the holder, the position of the holder can be changed

MOUNTING AND UN-MOUNTING THE LENS

The MWL-1 comes with M67 to Bayonet mount converter.

Please refer to next section in order to convert M67 threaded port to Bayonet mount system.

To mount the M67 to bayonet converter on Macro port before attaching the MWL lens.



Align the two positioning pins on the back of the converter with the slots on the front of the port. Fasten the converter on the front of the port with the tool provided.

To mount the lens on a port with bayonet mount system:



Align the "I" mark on the lens with the "I" mark on the converter and then push it in.

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Turn the lens clockwise until the “I” mark on the lens aligns with the WHITE dot on the converter and a “click” sound is heard.

To un-mount the lens from port:



Press and hold the RED lens release button and then turn the lens anti-clockwise.



Remove the lens when “I” mark on the lens aligns with the “I” mark on the converter.

ADJUSTING THE LENS HOOD POSITION



To adjust the position of the lens hood, slightly loosen the four thumb screws as indicated above (one is not visible from the image). Turn the hood to the desired position and secure by tightening the four thumb screws.

CARE AND MAINTENANCE

The following procedures are advised to be followed:

- The MWL-1 should be rinsed thoroughly in fresh water after each dive.
- Dry and clean the glass surface of the MWL-1 with the cloth provided.
- Cover the lens with the provided covers when not in use.
- DO NOT use any kind of abrasive solutions to clean the glass surfaces.

OPTIONAL ACCESSORIES

- 86221 M67 Flip holder for MWL-1
- 86222 M67 Double Flip holder for MWL-1
- 83214 Bayonet Mount Holder for SMC/CMC
- 83222 Bayonet Mount Lens Holder for Arms
- 83223 Bayonet Mount Double Lens Holder for Arms
- 83227 Bayonet Mount Lens Holder for Inon Float Arms
- 72231 Single Bayonet Lens Holder for 70mm Nauticam Carbon Fiber Aluminum Float Arms
- 72232 Double Bayonet Lens Holder for 70mm Nauticam Carbon Fiber Aluminum Float Arms
- 72241 Single Bayonet Lens Holder for 90mm Nauticam Carbon Fiber Aluminum Float Arms
- 72242 Double Bayonet Lens Holder for 90mm Nauticam Carbon Fiber Aluminum Float Arms

SPECIFICATIONS

Lens Construction:	7 elements in 5 groups(inc. one aspherical element)
Field of view: (Underwater)	150° (Ref. 60mm equiv.)
Focal distance:	0cm to infinity
Dimensions:	Dia108mm x 120mm
Weight: (Air/ Underwater)	1.20kg / 0.58kg
Depth rating:	100m
Mount system:	M67 or NA Bayonet
Body construction	Hard-anodized aluminum alloy
Lens coating	Both side anti-reflection coating

Please visit www.nauticam.com for the latest MWL-1 compatibility chart.

Remark: All Nauticam product manual will be changed to e-manual in end of 2018. Please download corresponding product manuals on Nauticam.com website, or contact us for e-manuals.