

WWL-1B

Wet Wide Lens 1B - 130 deg. FOV with Compatible 28mm Lenses

PN 83202

User Manual

Underwater Optics

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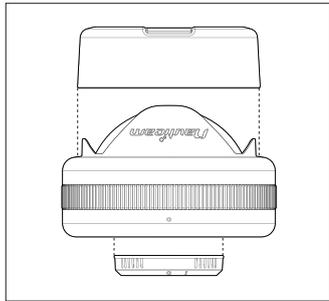
INTRODUCTION

Thank you for purchasing this Nauticam product.

Before using the product, please read this manual thoroughly to familiarize yourself with full scope of functions on the product as well as ensuring that you will use the product correctly.

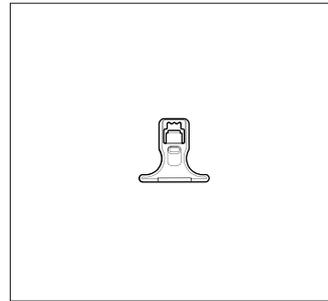
PACKAGE CONTENTS

Make sure that you have all the included items listed below before using this product. If some items are missing or damaged, contact your local Nauticam dealer.

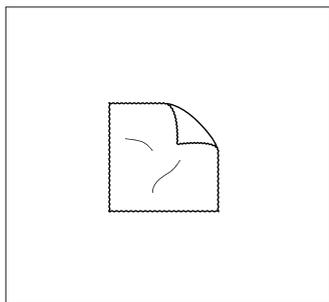


WWL-1B

(1 x Hard Lens Cap, 1 x Rear Lens Cap)



Release Extension for
Bayonet Mount Converter



Clean Cloth



Padded Travel Case

IMPORTANT INSTRUCTIONS

1

Water-tight test of the housing (without camera inside) along with WWL-1B before usage is recommended.

2

Do not use any kind of abrasive solution to clean the glass surfaces.

3

Do not expose the housing in direct sunlight for a prolonged period.

4

Do not point of the lens directly towards the sun.

5

Do not sealed the housing system when travelling by air.

6

Defective products should be shipped to our distributors for service. Do not attempt to disassemble and /or modify any part of the lens.

7

Do not open the housing system in wet or sandy environment. Protect the housing and lenses from moisture and debris in order to prevent malfunction or leakage.

8

Prevent any sand or dust or water penetration inside the housing and in between lenses. Be extra careful when changing lens and inserting or removing the camera.

9

The housing setup should be positioned on the a stable and safe surface on land.

10

Do not jump in water carrying the housing setup. Always have the setup handed to you when you are in water.

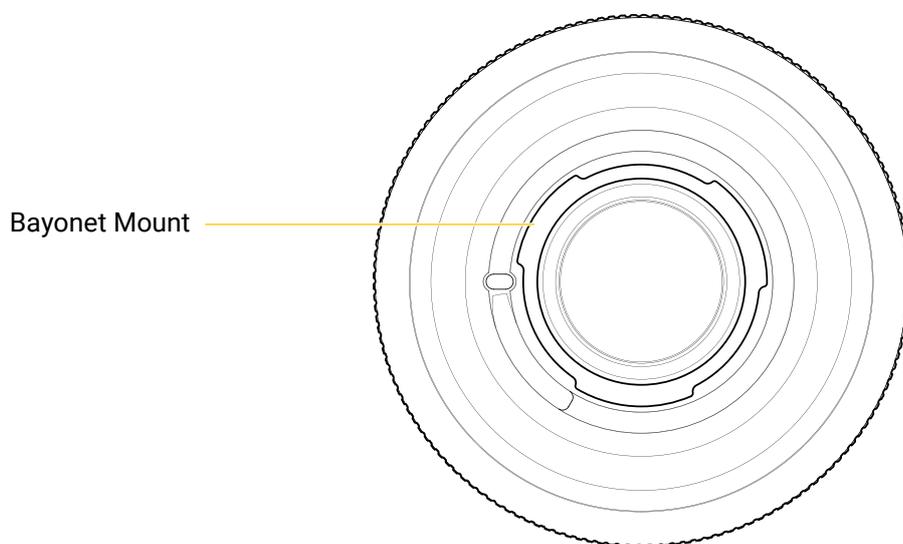
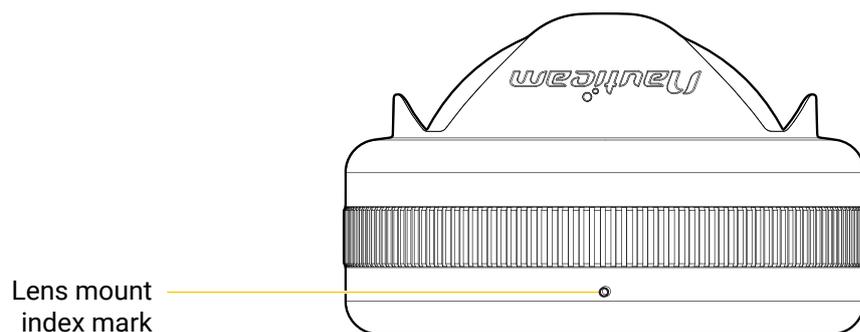


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This product is not intended for use by children, or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised and/ or given instruction by a responsible person concerning use of the product to ensure that they can use it safely.

PART NAMES

Top & Rear View

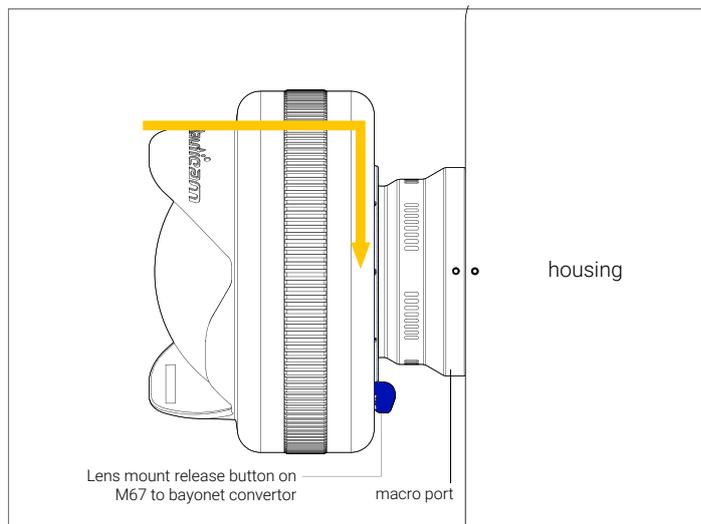


WWL-1B TO LENS PORT

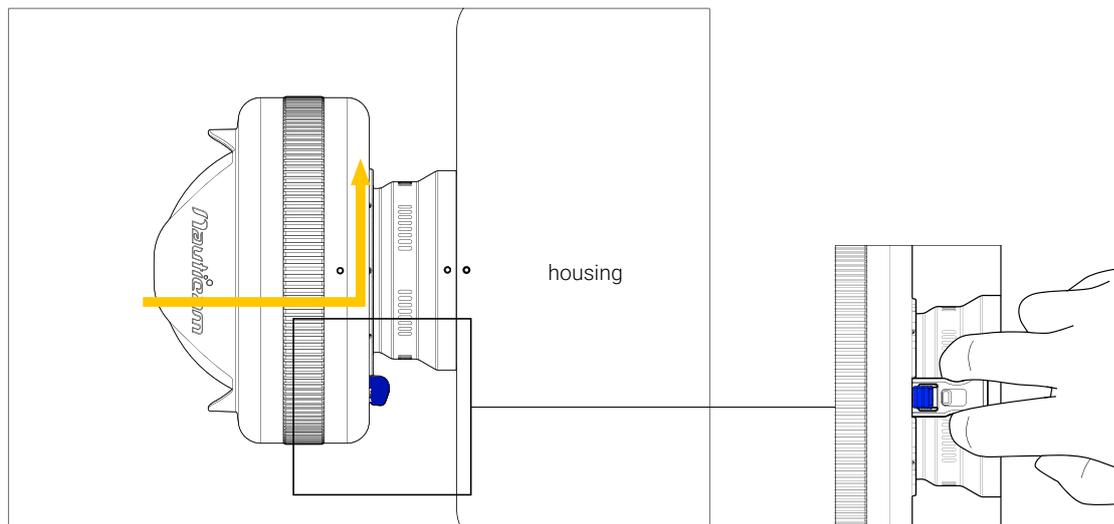
* drawings as illustrations only

The WWL-1B uses the Nauticam bayonet mounting system for assembling and disassembling.

To Assemble



To Disassemble



Alternatively, the release extension can be attached onto the lens mount release button on the M67 to bayonet converter for better ergonomics

SPECIFICATIONS

83202 WWL-1B

Optical Design	6 elements in 5 groups
Bayonet	Nauticam bayonet mount
Largest Diameter	156mm
Length	97mm
Weight	In air 1.35kg / In water 0.12g
Depth Rating	150m
Lens Body	Hard anodized aluminium alloy
Lens Coating	Anti-reflection

Accessories

# 83250	M67 to Bayonet Converter II
# 83251	M77 to Bayonet Converter II
# 83252	Bayonet Holder for Arms
# 83253	Double Bayonet Holder for Arms
# 72233	Single Bayonet Holder II for Ø70 Float Arm
# 72234	Double Bayonet Holder II for Ø70 Float Arm
# 72243	Single Bayonet Holder II for Ø90 Float Arm
# 72244	Double Bayonet Holder II for Ø90 Float Arm

Compatibility

N100	Sony E Mount	Sony SEL2860 FE 28-60mm F4-5.6
		Sony SEL28F20 FE 28mm F2
N100	Fujifilm X Mount	Fujifilm XC 15-45mm f3.5-5.6 OIS PZ
N100	Nikon Z Mount	NIKKOR Z DX 16-50mm f/3.5-6.3 VR
N85	Micro Four Thirds	Olympus M.ZUIKO DIGITAL ED 12-50mm f/3.5-6.3 EZ
		Olympus M.ZUIKO DIGITAL 14-42mm F3.5-5.6 II R
		Olympus M.ZUIKO DIGITAL ED 14-42mm F3.5-5.6 EZ
		Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. MEGA O.I.S.
		Panasonic LUMIX G 14mm / F2.5 ASPH
		Panasonic LUMIX G VARIO 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.
		Panasonic LUMIX G X VARIO PZ 14-42mm F3.5-5.6 ASPH. Power O.I.S.
N85	Sony E Mount	Sony SELP1650 E PZ 16-50mm F3.5-5.6 OSS
		Sigma 19mm F2.8 DN A
N85	Canon EF-M Mount	17424 / 17424P NA-RX100VII for Sony Cyber-shot DSC-RX100VII
		17421 / 17421P NA-RX100VI for Sony Cyber-shot DSC-RX100VI
		17418 / 17418P NA-RX100V for Sony Cyber-shot DSC-RX100V
Compact Housing		17331 / 17331P NA-G5XII for Canon Powershot G5XMKII
		17330 / 17330P NA-G7XIII for Canon Powershot G7XMKIII
		17324 NA-G7XII
		17717 NA-LX100III for Panasonic Lumix DMC-LX100 II
		17714 NA-LX10 for Panasonic Lumix DMC-LX10

CARE/STORAGE

1

Soak the housing system along with the WWL-1B in fresh water after salt water usage.

2

Dry and clean the glass surface with the cloth provided.

3

Cover the lens with the provided lens covers when not in use.

4

Operate all controls and buttons at least 3 times while immersed in fresh water.

5

We recommend cleaning and inspecting the main O-ring each time after diving for any damage and every time the housing is opened.

6

Protect the housing and lenses with robust and shock-proof travel case during transportation. Do not travel with camera inside housing.

6

We recommend to ship the housing to our service centers for a complete overhaul after 200 dives/every 2 years.

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 year 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 accepts no liability for any damage to and defects in the housing caused by improper use and/or poor maintenance; it is the responsibility of the owner to carefully follow the instructions in our manuals.

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.

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