

N120 Extension ring II Focus Knob

PN 22131 / 22151 / 22171

User Manual

Accessories

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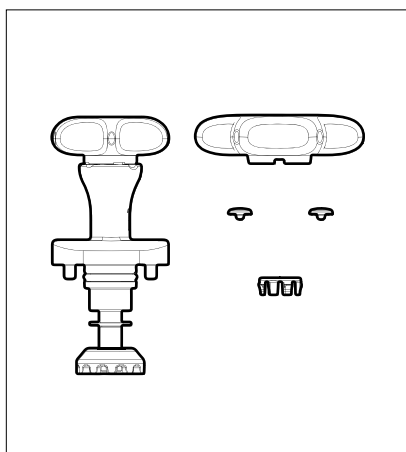
INTRODUCTION

Thank you for purchasing this Nauticam product.

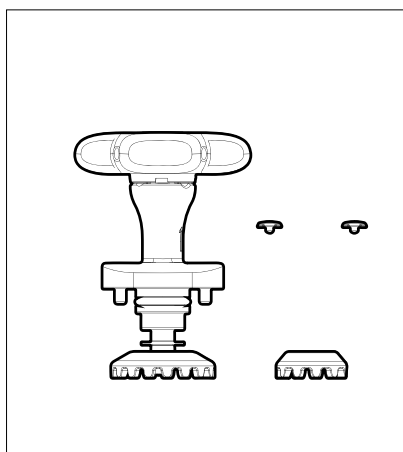
Before using the product, please read this manual thoroughly to familiarize yourself with full scope of functions on the product as well as ensuring that you will use the product correctly.

PACKAGE CONTENTS

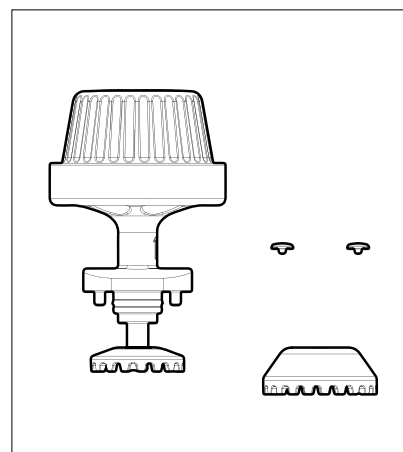
Make sure that you have all the included items listed below before using this product.
If some items are missing or damaged, contact your local Nauticam dealer.



22131 Focus Knob for 22130/22140



22151 Focus Knob for 22135/22150



22171 Focus Knob for 22170

Package contents

- 1× Focus knob assembly installed with Knob A (small) for 22130
- 1× Knob B (big) for 22140
- 1× Knob screw cover
- 2× Knob assembly screw covers

Package contents

- 1× Focus knob assembly installed with Gear B (big) for 22150
- 1× Gear A (small) for 22135
- 2× Knob assembly screw covers

Package contents

- 1× Focus knob assembly installed with Gear A (small)
- 1× Gear B (big) for 19142 & 19155 & 19542
- 2× Knob assembly screw covers

PRECAUTIONS

Before installation of ports and extension rings, please make sure the O-ring (s) are free from debris and uneven surface issues.

A water-tight/vacuum test without the camera inside the housing is highly recommended after the changing of port, extension ring and O-ring(s).

Do not use lubricants from other brands to the silicone rubber O-ring on our product, only use the lubricant provided by NAUTICAM.

Discontinue use immediately should you notice any leakage or if the moisture alarm activates.

Do not open the product in a wet or sandy environment. Protect the interior from moisture and debris in order to prevent malfunction or leakage.

Defective products should be shipped to our dealers for service, unauthorized disassembling and/or modifications could result in malfunction or leakage.

When carrying a housing setup with the port attached, always firmly hold the housing setup.

After verifying that the sealing O-ring is in good condition, lightly coat it with the lubricant provided and wipe away the excess.

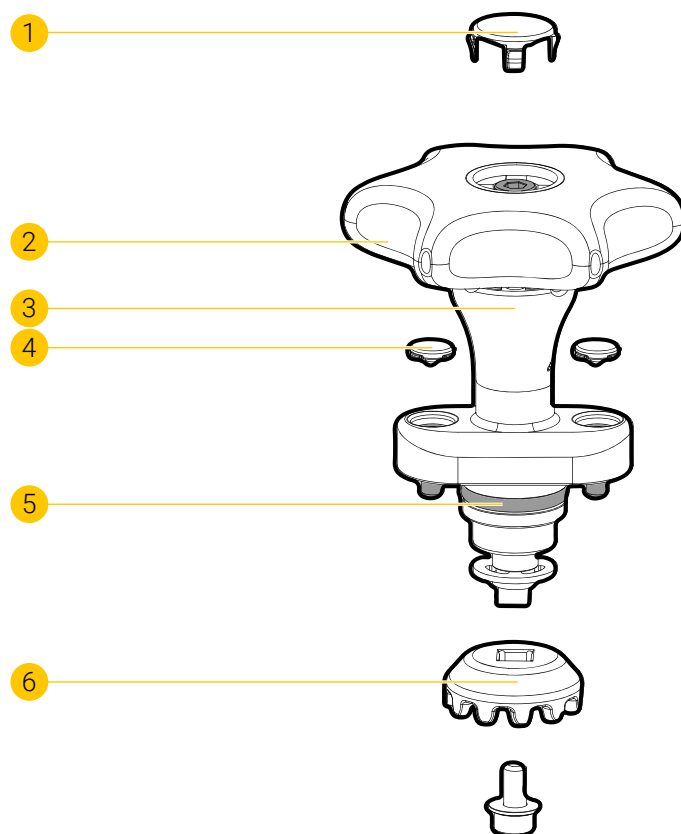
Make sure the O-ring groove is free from any foreign material; the groove can be cleaned with the aid of a microfiber cloth.

Carefully place the port O-ring into the groove, ensuring that it lays flat and is inserted inside the groove entirely.

Inspect the O-ring again, make sure there is no foreign materials.

After installing the port / extension ring, inspect the setup by lifting up the entire system, make sure that the gap between the housing and the port / extension rings is uniformed with no exposed O-ring.

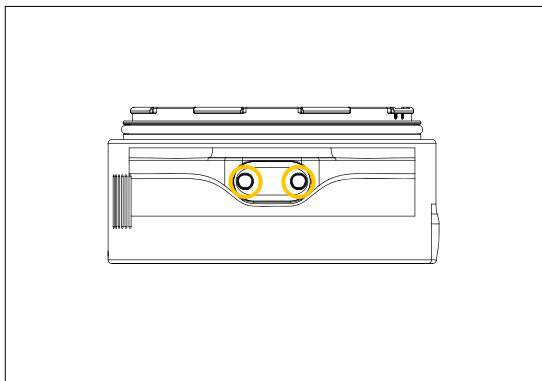
PART NAMES



- | | | | |
|---|---------------------|---|----------------------------|
| 1 | Knob screw cover | 2 | Knob |
| 3 | Focus knob assembly | 4 | Knob assembly screw covers |
| 5 | O-ring | 6 | Gear |

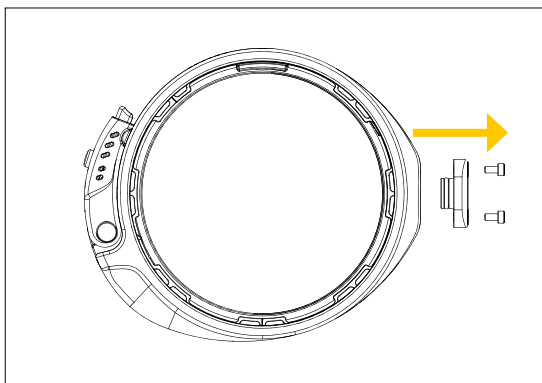
ATTACH FOCUS KNOB ON EXTENSION RING

1



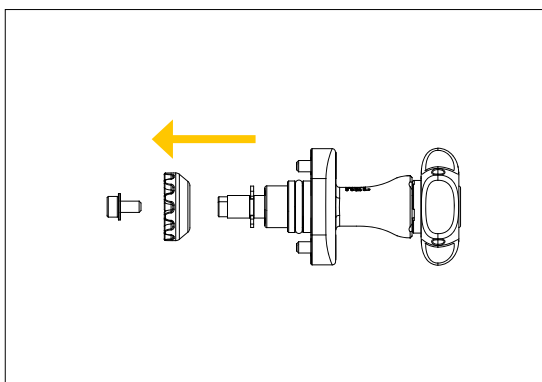
Remove the screw covers on the focus knob plug on the extension ring

2



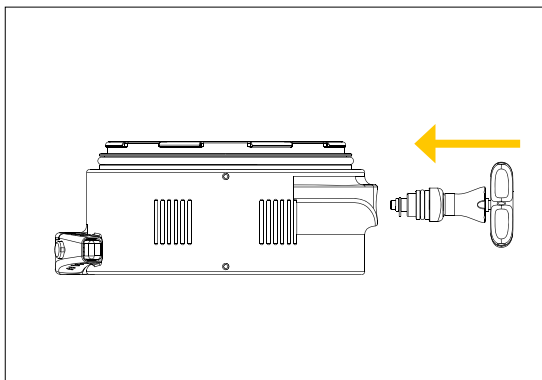
Remove the screws and focus knob plug from the extension ring

3



Remove pre-installed gear from the focus knob assembly by removing a screw as shown

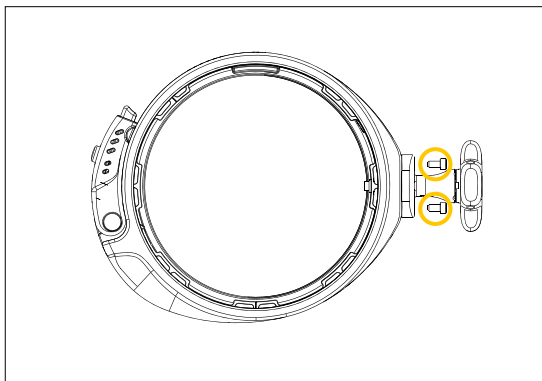
4



Insert a focus knob assembly through the hole of the extension ring

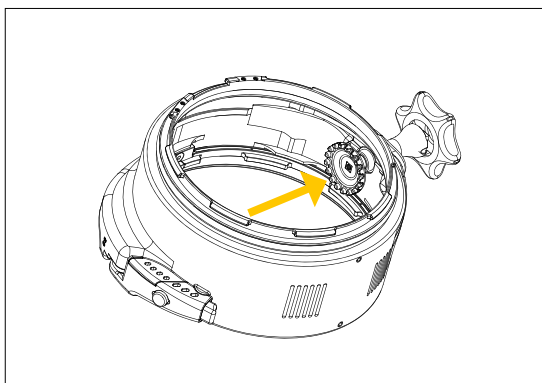
Gently push the focus knob assembly into the hole until it cannot go in any further

5



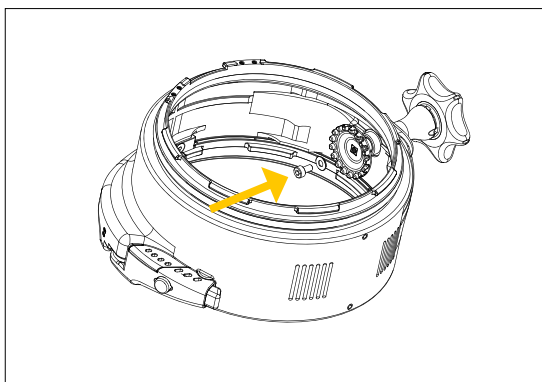
Tighten the focus knob on the extension ring by screwing 2x screws provided in the packaging

6



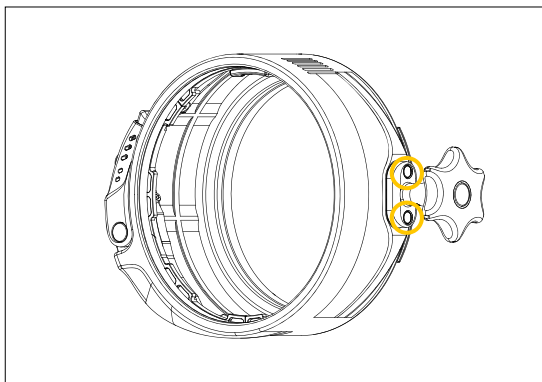
Mount a gear on a shaft of the focus knob as shown

7



Place a washer onto the gear and tighten it with a screw

8



Plug the screw covers provided as shown

SPECIFICATIONS

#22131 Focus Knob for 22130/22140

Compatible extension rings :

- Knob A (Small)	22130
- Knob B (Big)	22140

#22151 Focus Knob for 22135/22150

Compatible extension rings :

- Gear A (Small)	22135
- Gear B (Big)	22150

#22171 Focus Knob for 22170

Compatible extension rings :

	22170
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Compatible gears :

- Gear A (Small)	All gears except the below gears
- Gear B (Big)	19142 N1635-F
	19542 C1635II-F
	19155 N120 DSLR GearSet for Laowa 24mm f/14 2x Macro Probe

CARE AND MAINTENANCE

Soak the housing system in fresh water after each use, during which all control buttons/knobs should be operated a few times to avoid the accumulation of salt residue; wipe the housing with a towel before opening.

After removing the housing from the rinse tank, carefully press the housing lock safety button for a few times to avoid the accumulation of salt residue.

After each day of diving, it is advisable to have both the housing main O-ring and port O-ring removed from its groove with the O-ring remover and inspected for damage. Also check that the O-ring retains its original circular shape; never stretch the O-ring excessively or remove it with a sharp object.

The O-ring groove should be cleaned to ensure it is free from any salt deposit or foreign material; lightly coat the O-ring with the provided lubricant before reinstalling it in the groove.

A damaged O-ring should be discarded immediately and replaced only with one that is provided by NAUTICAM.

Blow off dust and other foreign matter with an air blower from locking mechanism.

WARRANTY

All NAUTICAM Products are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. 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.

Nauticam Internationl Ltd.

Rm 2203, CCT Telecom Bldg,
11 Wo Shing St,
Fo Tan,
Hong Kong

Tel. +852 - 26902711
Fax. +852 - 26909778
URL. www.nauticam.com
Gallery. www.nauticam.smugmug.com