

NA - TG6 Housing

Instruction manual



FORWARD

Thank you for your purchase of a NAUTICAM housing.

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

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

The product photos in this manual may differ from the actual product.

TABLE OF CONTENTS

Warranty	4
Precautions	5
Package Contents	7
Specifications	8
Identification of Parts	9
Opening and Locking the Housing	13
Preparation of the Housing and Installing the Camera.....	15
Mounting Wet Lenses	16
Care and Maintenance	19
Optional Accessories	20

WARRANTY

All NAUTICAM Products are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. The warranty period is defined by the invoicing or payment date by the customer. Alternatively, the warranty period would be assumed from the day that the product is shipped from our facility. 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.

PRECAUTIONS

- A water-tight test without the camera inside the housing is highly recommended when using the system for the first time and after the changing of port and O-ring(s).
- Do not use lubricants from other brands with the silicone rubber O-ring on this housing, only use the lubricant provided by NAUTICAM.
- Discontinue use immediately should you notice any leakage.
- Store the housing in a robust, shock-proof container during transportation; avoid transporting with any equipment, such as a camera, inside the housing.
- When travelling by air, do not close the housing as this may lead to a pressure difference between the atmosphere and inside the housing.
- Care must be taken when opening the housing, as pressure may build up inside the housing which increases the opening force.

- 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.
- Do not store the product in an environment of high humidity.
- Do not leave the housing and the monitor in direct sunlight for prolonged periods.
- Keep out of reach of children, failure to do so could result in injury.
- Defective products should be shipped to our distributors for service, unauthorized disassembling and/or modifications could result in malfunction or leakage.
- Use only recommended battery with this product, do not mix different specifications or old and new batteries.
- Do not place excessive stress on the HDMI cable connector.
- Do not bend or twist HDMI cable.

PACKAGE CONTENTS

- NA-TG6 Housing
- Bayonet Mount Converter (Pre-Installed)
- A Pair of Handle Brackets with Screws
- Shutter Release Extension
- 90126 Spare Silicone Rubber O-ring for Housing
- Diffuser
- O-ring Remover
- Lubricant
- Set of Allen Keys
- Manual Instruction Card

SPECIFICATIONS

Construction	Housing Body:	Aluminum Alloy
	Surface Treatment:	Hard Anodized
	Display Window:	Abrasion Resistant Polycarbonate
Dimensions	Width:	162mm
	Height:	103mm
	Depth:	93mm
Weight in Air	Approx. 0.67kg	
Weight in Water	Slightly negative	
Depth Rating	100 meters	
Mount System	Pre-Installed Bayonet Mount	
Compatible Cameras	Olympus Tough TG-6	
Flash	Built in Camera Flash	

IDENTIFICATION OF PARTS



**Handle brackets and Shutter release extension are not displayed.*

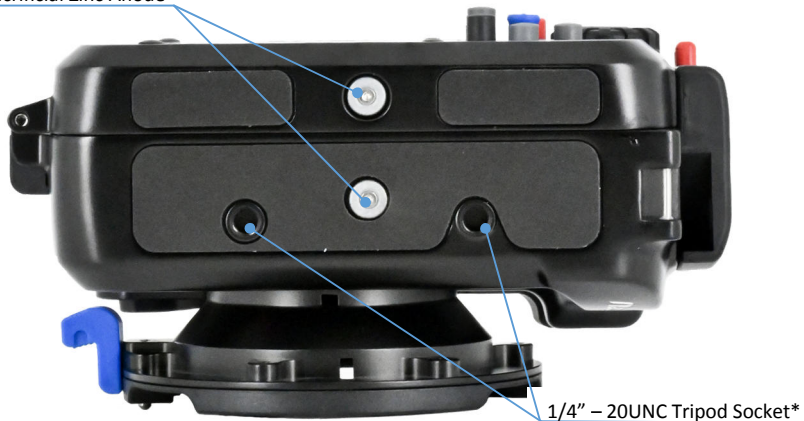


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Sacrificial Zinc Anode



**The maximum length of screws that can be used with the tripod sockets is 4mm.*

OPENING AND LOCKING THE HOUSING

To open the housing:



1. Press the housing lock safety button.



2. Turn the housing lock anti-clockwise for 270°, until the lock reaches the "Open" position as shown.

To lock the housing:



1. Close the housing while the housing is in the "Open" position.



2. Turn the housing lock clockwise for 270°, until the lock reaches the "lock" position as shown. Confirm that the white indicator line on the safety button is visible.

PREPARATION OF THE HOUSING AND INSTALLING THE CAMERA

1. After verifying that the main O-ring is in good condition, lightly coat it with the lubricant provided.
2. Make sure the O-ring groove located in the front part of the housing is free from any foreign material; the groove can be cleaned with the aid of a microfiber cloth.
3. Place the main O-ring into the groove, first at the corners, then the whole perimeter.

To install the camera into the housing



1. Place the camera inside the housing as shown.
2. Confirm that all the controls of the housing are correctly engaged.

MOUNTING WET LENSES

Compatible Wet Lenses with NA-TG6 housing:

1. Macro : SMC-1, SMC-2, CMC-1, CMC-2

It requires to use **#83214** Bayonet Mount Adaptor for SMC/CMC to mount wet macro lenses to the housing.

2. Wide-angle: WWL-C

: It can directly mount on the housing. (*Full zoom range*)



*NA-TG6 Housing with
83214 Bayonet Mount Adaptor + #81302 CMC-2



*NA-TG6 Housing with
#83203 WWL-C

To mount Wet Lens



1. Align the 'I' mark on wet lens (or bayonet mount adaptor) with the 'I' mark on the bayonet mount of the housing.



2. Turn the wet lens (or bayonet mount adaptor) clockwise until 'I' mark on wet lens (or bayonet mount adaptor) aligns with the 'O' dot mark on the bayonet mount of the housing and a "click" sound is heard.

To unmount Wet Lens



3. Press and hold the BLUE lens release button and then turn the wet lens (or bayonet mount adaptor) count clockwise



4. Remove the wet lens (or bayonet mount adaptor) when '1' mark on the wet lens (or bayonet mount adaptor) aligns with '1' mark on the bayonet mount of the housing.

INSTALLING TRAY



To avoid an interference between **#71207** Flexitray II with left handle and bayonet mount of the housing, install the base plate of Flexitray II by rotating 180° as shown above and adjust the handle location accordingly.

***#71206** Easitray II with left handle is incompatible with NA-TG6 or NA-TG5 with #83255 Bayonet Converter.*

CARE AND MAINTENANCE

- Soak the housing system in fresh water after each salt water 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.
- 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 the main O-ring in the front part of the housing 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.
- Replace the main O-ring annually. It is recommended that you ship the housing to our distributor for a complete overhaul every year or after every 200 dives.

OPTIONAL ACCESSORIES



P.N. 25221
M10 strobe mounting
ball for housing



P.N. 25106
LCD Magnifier with Dioptic
Adjustment



P.N. 25123
LCD Magnifier attachment rails for
NA-S110/S120/TG3/G7X/G7XII/TG5/TG6



P.N. 36316
Hand strap for Mirrorless IL
camera & compact camera
housing (Standard)



P.N. 71207
Flexitray II with left handle
(with 2pcs 1/4" screws)



P.N. 71208
Adjustable right handle II
(for Easitray II & Flexitray II)



P.N. 83203

Wet Wide Lens Compact (WWL-C)
130 Deg. FOV with Compatible 24mm
Lenses (incl. float collar)



P.N. 81301

Compact Macro Converter 1
(CMC-1, 4.5X Magnification)



P.N. 81302

Compact Macro Converter 2
(CMC-2, 2.8X Magnification)



P.N. 83214

Bayonet Mount Adaptor for
SMC/CMC



P.N. 72233/72234

Single/Double Bayonet Holder II
for Ø70 Float Arm



P.N. 83252/83253

Single/Double Bayonet
Holder for Arms



P.N. 83254

Bayonet Lens Holder
for Inon Float Arms



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