

Fantasea Line

FML – FNX Converter 55G

(Cat. No. 2131)

Instruction Manual

The **FML – FNX Converter 55G** allows installing FNX lens ports and port accessories (or third party lens ports and port accessories featuring a similar mounting system) on housings (or port accessories) featuring the Fantasea FML port system (or third party housings and port accessories featuring a similar mounting system). For housings, lens ports and lenses compatibility information, please visit the Fantasea website – www.fantasea.com



SPECIFICATIONS

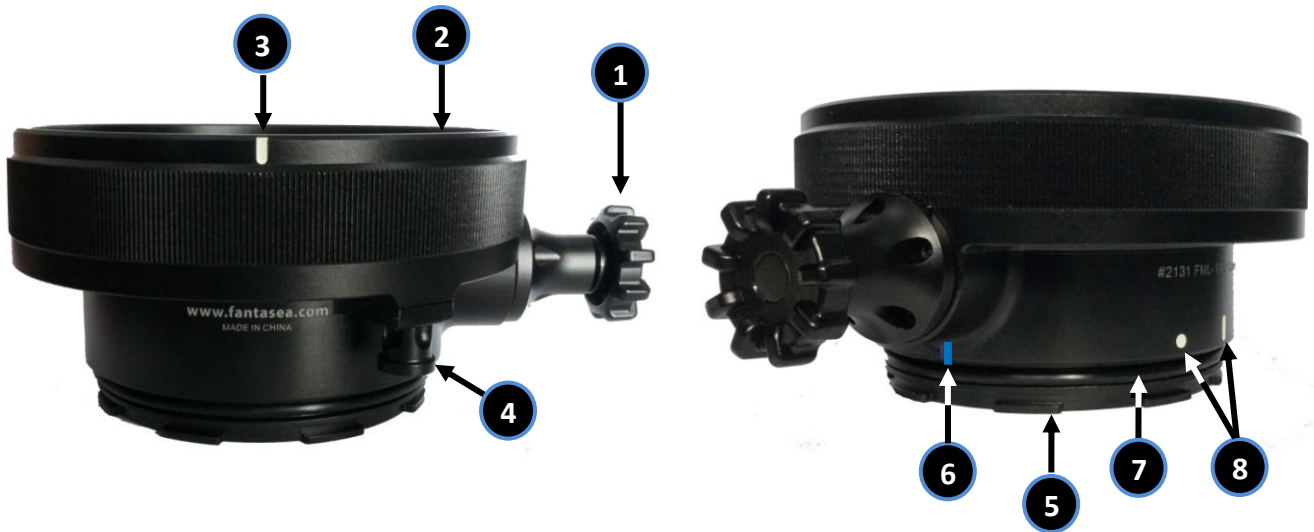
- Construction: Hard anodized Aluminum alloy
- Depth rated to 60 meters / 200 feet
- Dimensions (diameter x height):
125 x 68 mm / 4.9 x 2.7 inch
- Weight: 289 g / 10.2 oz
- Included in package: Rear cover, Front cap, Silicone grease, Spare O-ring seal, O-ring remover and Microfiber cloth
- Manufacturer’s warranty

INCLUDED IN PACKAGE



- | | |
|---------------------------|----------------------|
| 1. FML- FNX Converter 55G | 5. Spare O-ring seal |
| 2. Rear cover | 6. O-ring remover |
| 3. Front cap | 7. Microfiber cloth |
| 4. Silicone grease | |

IDENTIFICATION OF CONVERTER PARTS



1. Lens Dial
2. FNX port attachment side
3. FNX port assembly and locking marking (white)
4. Converter Lock

5. FML port attachment side
6. FML port assembly marking A (blue line)
7. O-ring
8. FML port assembly & locking markings B (white line and white dot)

CONVERTER INSTALLATION

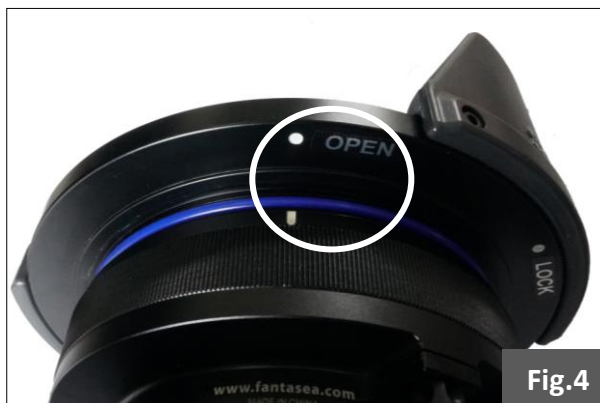
1. Remove the rear cover from the converter.
2. Remove the front cap from the converter:
 - a. Carefully pull the converter lock out towards the FML port attachment side and away from the FNX port attachment side (Fig. 1).
 - b. Keeping the converter lock pulled out with one hand, use your other hand to turn the front cap counterclockwise until the assembly marking on the front cap is aligned with the white marking on the converter.
 - c. Separate the front cap from the converter by pulling it out and away from the converter.
3. Install the converter on the housing FML port (or FML port accessory):
 - a. To mount the converter on your housing, follow the lens port installation instructions provided with the housing.
 - b. Note that there are two sets of assembly markings (A and B) featured on the FML port attachment side of the converter, each designed for a different type of housing port. The blue line assembly marking (A) should be used when installing the converter on Fantasea housings and port accessories (Fig. 2 on the following page), while the white set of assembly markings (B) should be used when installing the converter on housings made by other manufacturers. When installing the converter on housings made by other manufacturers,



take into consideration that converter markings might be different than the markings featured on the housing and mentioned in the housing instruction manual. To confirm that the converter has been installed in the proper direction, make sure that the converter lens dial is pointed leftwards (when looking from the back or top side of the housing), usually where the housing lens dial is pointed at as well (Fig. 3).



- c. For smooth installation and removal of the converter, it is recommended to apply a slight amount of silicone grease over the converter O-ring prior to installing it on the housing.
4. Install the FNX lens port (or port accessory) on the converter:
 - a. Hold the lens port against the converter with its port attachment side facing the converter.
 - b. Align the assembly marking on the lens port with the white marking featured on the FNX port attachment side of the converter (Fig. 4).
 - c. Carefully push the lens port against the converter until it's fully inserted inside the converter (Fig. 5). Examine the converter from all directions to make sure the lens port is evenly inserted.



- d. Note that lens ports offered by various manufacturers might feature assembly and locking markings that are either different than those featured on the converter or placed differently. If encountering resistance when attempting to push the lens port against the converter, try to reposition the lens port over the converter to a point in which the lens port can be smoothly pushed inside the converter.

- e. While still applying slight pressure on the lens port against the converter, turn the lens port clockwise until it reaches a point where it can't be turned any farther. The converter clicks as it automatically locks. If the lens port features a locking marking, it should now be aligned with the white marking on the converter (Fig. 6).
- f. Once the lens port has been installed and locked on the converter, test the installation by carefully trying to turn the lens port counterclockwise and pulling it away from the converter. If the lens port has been properly installed and locked into place, it cannot be turned on the converter or pulled away from it without pulling the converter lock.
- g. Note that when installing a dome port on the converter, the wings of the dome should be positioned vertically once installation is complete (Fig. 7).



Fig.6



Fig.7

Important Note

Once the converter and lens port have been installed on the housing, **it is important to test the housing empty (no camera installed inside)** in a body of water in order to verify that the housing watertight seal has not been affected during installation.

LENS PORT AND CONVERTER REMOVAL

2. Remove the FNX lens port or port accessory from the converter:
 - a. After the dive and prior to removing the lens port from the housing, rinse the system in fresh water.
 - b. Make sure to dry the housing exterior prior to removing the lens port in order to avoid water coming in contact with the camera or lens once the lens port is removed.
 - c. Carefully pull the converter lock towards the housing and away from the lens port (Fig. 8 on the following page).
 - d. Keeping the converter lock pulled out with one hand, use your other hand to turn the lens port counterclockwise until the assembly marking on the lens port is aligned with the white marking on the converter (Fig. 9 on the following page).



Fig.8



Fig.9

- e. Separate the lens port from the converter by pulling it out and away from the converter.
3. Remove the converter from the housing (or port accessory):
 - a. To remove the converter from your housing, follow the lens port removal instructions provided with the housing.
 - b. It is recommended to store the converter separated from the lens port and housing during transportation and storage.
 - c. Mount the rear cover and front cap on the converter to protect it during storage and transportation.

CARE & MAINTENANCE

1. Please use the utmost care and do not use excessive force when assembling and disassembling the different components, in order not cause any damage to the products.
2. Always make sure to pull out the converter lock when removing lens ports from the converter. Note that the converter might be severely damaged if a lens port is forcibly removed without pulling out the converter lock.
3. Keep the converter away from extreme high temperatures, as under direct sunlight.
4. Visually check the condition of the O-ring before every installation. If it is dirty, clean it with fresh water, dry it with a soft cloth and lubricate it as described in the manual. If it is damaged in any way, such as cut or perforated, replace it before using the converter again.
5. Use only the supplied silicone grease for lubricating the O-ring. Use of any other grease might impair the watertight seal of the converter.
6. Do not clean the converter with any chemical solvents or other materials, which might cause damage to the converter.
7. After the dive, rinse all components in fresh water. To ensure that the accumulated salt has completely dissolved, it is recommended to soak the sealed system in warm fresh water once in a while.



8. When storing the converter and during transportation, make sure that it is properly protected in order to prevent scratches, cracks or any other damage to the converter. It is recommended to store the converter separated from the housing and lens port.
9. Do not store the converter in presence of chemicals, solvents or fuels.

FANTASEA PRODUCT CONSUMER LIMITED WARRANTY

“Fantasea” warrants this Fantasea Line branded product against defects in materials and workmanship under reasonable use for a period of ONE (1) YEAR, (two years, where required by law as determined by the origin of the authorized dealer). This warranty is effective from the date of retail purchase from Fantasea or an authorized Fantasea dealer, by the original end-user purchaser (“Warranty Period”). This warranty does not cover any commercial use of the product. If a product defect arises and a valid claim is received within the Warranty Period, at its option, Fantasea, or its authorized service facilities will either (1) repair the product defect at no charge, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. The warranty will not extend beyond the original warranty period. Your Fantasea Product should be registered within 30 days of purchase. You must keep the proof of purchase which indicates the date on which the purchase was made; as you may be required to show proof of purchase if you need warranty service. The following conditions apply:

1. This warranty extends to the original purchaser only. It is not assignable or transferable.
2. The warranty does not cover damage resulting from misuse, abuse, negligence, or accidents. Proper maintenance of the Product is the responsibility of the owner.
3. The warranty does not cover damage directly or indirectly resulting from the use of unauthorized replacement parts or service performed by unauthorized facilities.
4. This warranty does not cover any damage to any other product used in conjunction with the Fantasea product, including cameras and lenses, and resulting from any defect in the product materials or workmanship.
5. The cost of sending the product back to Fantasea or its authorized service facilities is the responsibility of the customer.
6. The warranty does not cover any incidental damages resulting from any defects in the product. This expressly includes any travel reimbursements or any other costs associated with the purchaser’s optional use of the product. The conditions of this warranty are expressly in lieu of all other expressed warranties, including the payment of consequential or incidental damages for the breach of any warranty. Please register your product on line at this URL: <http://www.fantasea.com/registration>.

For further information, please contact us at info@fantasea.com or visit our website www.fantasea.com