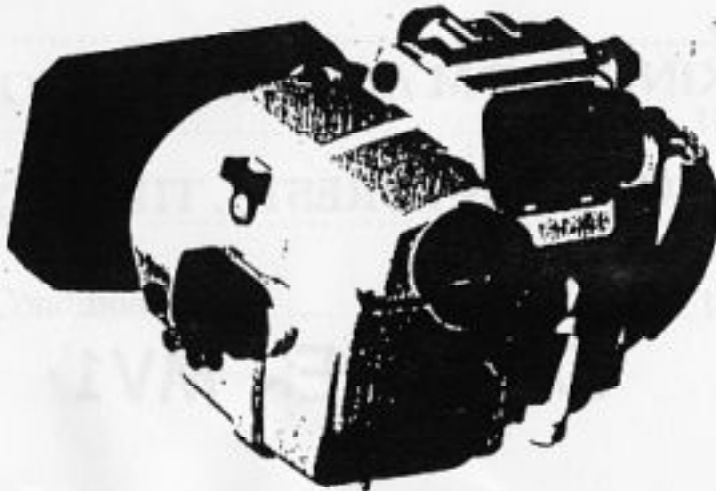




AMPHIBICO

INSTRUCTION MANUAL FOR
EXPLORER MV1 HOUSING



CONGRATULATIONS !!

YOU HAVE ACQUIRED

A SPECTACULAR

LIGHT-WEIGHT HOUSING,

AESTHETICALLY PLEASING,

ERGONOMIC AND SIMPLISTICALLY

FUNCTIONAL, UNDERSEA TO 100

METRES OR IN ANY HOSTILE

ENVIRONMENT, FROM SAILING TO

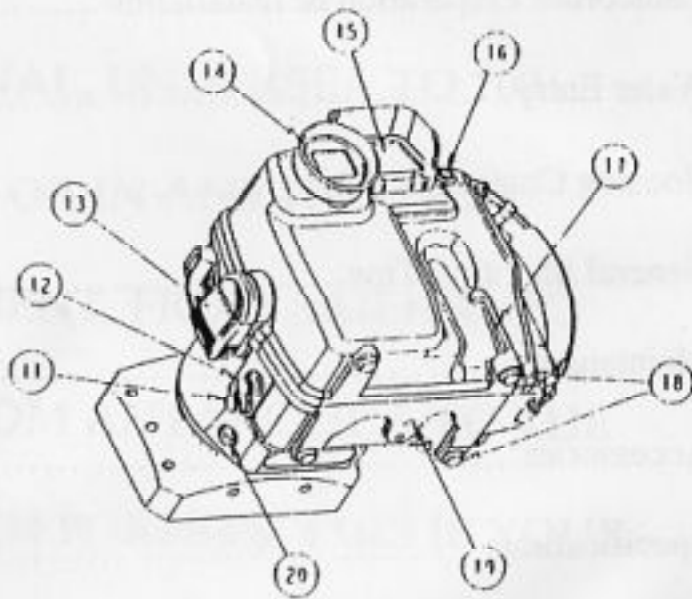
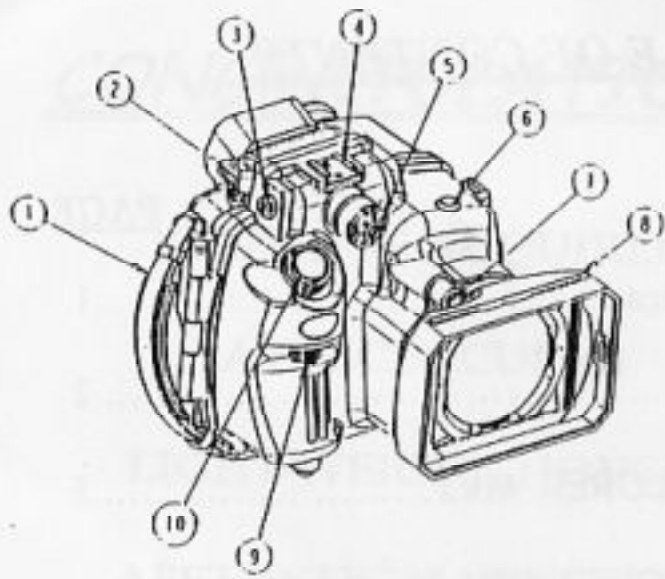
HIKING, FROM ANTARCTICA TO THE

AMAZON RAIN FORESTS, THIS IS YOUR.....

EXPLORER MV1

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NOMENCLATURE

1. WRIST STRAP
2. SHOULDER STRAP LUG
3. AUXILIARY SIDE PLUG
4. ACCESSORY SHOE
5. AMPHIBIOUS STEREO MICROPHONE
6. LED WET ALARM
7. BAYONET LENS RELEASE BUTTON
8. LENS SHADE & 3" X 4" FILTER SLOT
9. ZOOM CONTROL LEVER
10. START/STOP BUTTON & STAND-BY LEVER

11. MANUAL/AUTO LOCK FOCUS CONTROL
12. MANUAL/AUTO LOCK IRIS CONTROL
13. SAFETY LATCH (PUSH & ROTATE TO OPEN)
14. VIEWFINDER
15. 2" LCD MONITOR
16. VIEWFINDER/MONITOR SELECTOR BUTTON
17. THUMB GRIP
18. RUBBER FEET
19. ¼ - 20 TRIPOD MOUNT
20. AUXILIARY SIDE PLUG

UNPACKING YOUR EXPLORER MV1

Before unpacking, please inspect shipping carton as well as contents for damage during shipping. If damage has occurred, please contact shipper immediately.

This instruction manual assumes that the user is already familiar with the Canon® Optura® camera. If not, please read the Canon® Optura® digital video camcorder Instructional Manual thoroughly before attempting to use this housing.

Your **EXPLORER MV1** housing comes from our factory after having been meticulously checked for functional mechanical operation, microphone and wet alarm electronic operation and has been pressure tested for leakage at depths ranging from 0 to 100 metres (or 330 feet).

PREPARING YOUR EXPLORER MV1 FOR CAMCORDER INSTALLATION

WARNING: **Install wet alarm battery before water entry.**

1. Sit your housing on a flat surface. Simultaneously, press and rotate the safety latch 180° counterclockwise until the rear door opens. This safety latch has been designed to require pushing before rotating to prevent accidental opening.
2. Insert battery, secure battery cover in place with the $\frac{3}{32}$ allen key (all of which are supplied with your housing).
3. Test alarm by wetting the bottom end of the flat we alarm cable probe.
4. Stand-by lever should be in "lock" position.

CAMCORDER PREPARATION

&

INSTALLATION

1. Remove mic cover from just above power control on left-hand side of camcorder and plug in the two (2) jacks leading from mic in housing.
2. On camcorder, power should be on in "camera" position and in "lock" position with monitor raised.
3. In the housing, the thumb screw on the saddle is spring loaded. Place camera on saddle and thumb screw will spring into position to be tightened by rotating clockwise.
4. Close rear door and rotate safety latch clockwise until it "clicks" into place.

WATER ENTRY

WARNING: **Install wet alarm battery before water entry.**

1. The moisture alarm functions as long as the battery is installed and operative.
2. Lower the housing just below the water surface in a level position so that wet alarm LED can be seen. Hold in this position for one (1) minute to confirm that no leakage has occurred.
3. Never leap into the water holding the housing. Always have housing handed to you or lowered down once you are in the water.
4. Once in the water, point lens on housing upwards in order to shake air bubbles off. It may be necessary to gently wipe lens with fingers to remove all bubbles.
5. Adjust wrist strap..

HOUSING CONTROLS

There are five (5) housing controls for eight (8) camera functions:

The Housing Controls are:

1. Stand-by Dial and Start/Stop/Photo Button (#10)
2. Zoom Control (macro to wide angle) (#9)
3. Manual/Auto Focus Control (#11)
4. Manual/Auto Exposure Control (#12)
5. Viewfinder/Monitor Selector (#16)

The Camera Functions are:

1. Stand-by
2. Record video
3. Take photographs
4. Zoom
5. Wide angle
6. Manual or auto focus
7. Manual or auto exposure
8. Viewfinder or screen

GENERAL SHOOTING TIPS

1. Best results will be obtained with natural light if the sun is directly overhead during calm water periods.
2. Positioning the sun behind your shoulder during shooting will produce the best colours.
3. Wide angle is the preferred focal setting when subject is as close as possible to housing. This will reduce the water column and the amount of particulate between subject and lens.
4. Zooming during shooting is not recommended unless absolutely necessary as telephoto will magnify particulate. Swimming toward subject is a much more visually pleasing method.
5. Buoyancy control is one of the most important aspects of underwater videography and diving in general. Avoid disturbing bottom silt and contacting delicate reef structures. Work on controlling your breathing and your buoyancy. Your video will be much more appealing. You are trying to make yourself a steady platform for filming. The more comfortable you are underwater, the better your video will be.
6. In low light conditions, add light with Amphibico's 101S light, Mini-Pro Lights or our new ARC Lamps for brighter, more-vibrant colours. As light levels fall, so does colour saturation. Lights will also provide necessary fill during daylight shooting.
7. The ability to control and fix your aperture with the manual iris control will provide you with a constant depth of field and is a valuable tool.

MAINTENANCE

WARNING: DO NOT leave housing in EXTREME heat conditions as this can be detrimental to certain components.

1. Always store your housing out of direct sunlight as this can cause o-rings in housing to dry out and crack. Ultraviolet rays can also damage plastics and paint.
2. Always rinse or soak your closed housing in freshwater for 10 to 15 minutes after every use. Reach into freshwater and operate all controls to clear saltwater. DO NOT use solvents to clean unit. Use only a mild detergent and fresh clean water.
3. Any fasteners that may be removed should have the threads lubricated with silicon grease.
4. Rinse BUT ALSO dry lens and filter surfaces as water spots may build up and become difficult to remove.
5. Inspect housing rear door main seal o-ring before every use to ensure that there are no cracks or mis-alignment in o-ring channel and that no debris is caught in o-ring.

O-RING SERVICE:

1. O-rings and sealing surfaces should be lightly lubricated with silicon lubricant on a regular basis – about every 10th dive. This should also be done before storing unit and after prolonged storage.
2. Remove the front lens assembly and the rear door main seal o-rings. It is important never to use a sharp instrument when removing an o-ring as this may cause damage to the o-ring or the o-ring groove. A hair pin or a credit card works well.
3. The removed o-rings should be examined for damage. Check to ensure that the o-rings are free from nicks and cuts and that they retain their original round profiles. O-rings that appear to be damaged should be discarded immediately and replaced with new o-rings.
4. Rinse o-rings with fresh water and dry with a clean lint-free cloth.
5. Clean the o-ring groove (where the o-ring sits) with a Q-tip. Be sure to remove any lint that the Q-tip may leave behind. Inspect the groove for damage.
6. Wipe the part of the housing rear door that the o-ring seals against with a clean lint-free cloth.
7. Re-grease the o-ring with a thin layer of o-ring grease until it appears to be smooth and shiny. Do not over grease as this will only attract dirt. Use just enough so that the o-ring will pull smoothly through your fingers.
8. Replace o-ring to proper position on lens assembly and rear door main seal.

ACCESSORIES

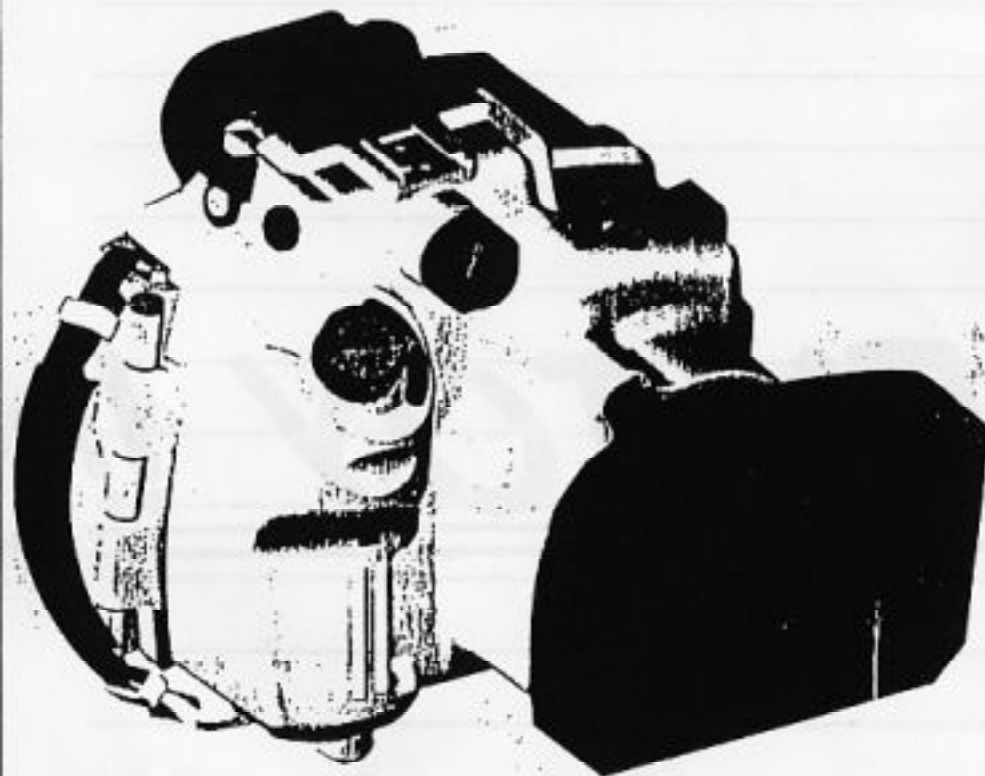
AVAILABLE NOW:

1. Aquacolor® filters #10, #15, #20, #25, #30 and #35 sold as a set or individually.
2. 101S video light head with 20, 30 or 35 watt bulbs.
3. .55X standard 64° lens assembly (as for "VH1000")
4. 80° wide angle wet mount lens.
5. 100° Aspheric lens with less-than 1% distortion.

IN DEVELOPMENT:

1. Handle assembly.
2. Battery pack for both longer camera life and the operation of Amphibico's Mini-Pro Lights or its new "Daylight Deep" 25 watt and 50 watt ARC Lights.

NOTES:



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