

IMPOR TANT!

1. Read warnings and warranty in instruction manual before using this digital camera.
2. Find important updates on our website www.sealife-cameras.com
3. Trouble shooting guide is located in instruction manual.
4. Always follow safe diving practices

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ReefMaster®
DIGITAL

Quick Guide

For DC100 & DC200

CONTENTS

1. Checklist of the items that you bought
2. Checklist of extra accessories
3. Camera button usage
4. Follow the arrows:
Land Pictures Sea Pictures View your Pictures



ReefMaster DIGITAL Quick Guide

1st

CHECK THE ITEMS YOU BOUGHT

Going through this checklist will familiarize you with the items you bought as well as accessories. This will make it easier for you to understand the following instructions. Also, you will make sure that you are not missing any parts.

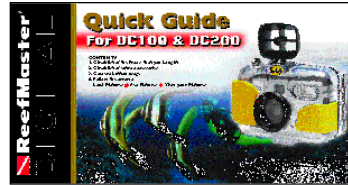


Instruction Manual
MUST READ!

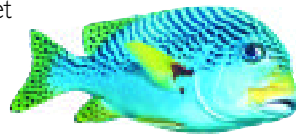
Includes important warnings and warranty



Warranty Registration



This is the Quick Guide booklet you are using now.



MGI Photo Suite CD imaging software and camera driver

(With driver: Install driver only for Windows 98, 2000, ME, XP and Mac 8.5 and higher)



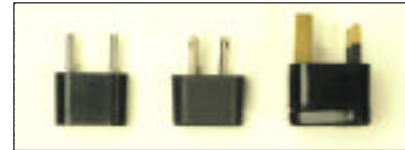
NI-MH Battery Charger

Only included with DC 200



4 Rechargeable Ni-MH Batteries, Size AA (Nickel Metal Hydride, 1600 mAh)

Only included with DC 200



3 Foreign Plug Adapters

Only included with DC 200



AC/DC/Transformer Power Cable

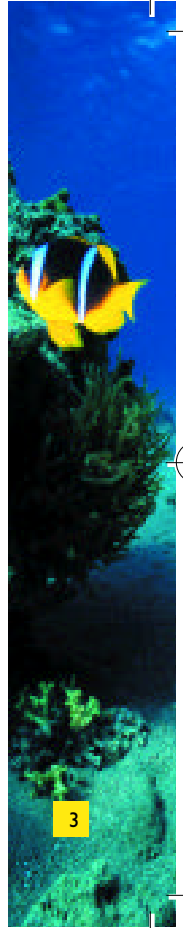
Only included with DC 200



PC-USB Cable



TV/Video Cable



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Strap for Inner Camera
Do not use inside housing

Inner Camera
Item # SLI01



Strap for Housing



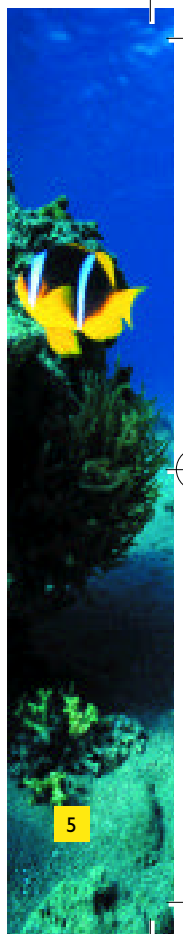
Underwater Camera Housing
Model: DC 200 DC 100
Item #: SLI11DX SLSL111
Depth rated: 200 ft. 130 ft.



Care Kit
1. O-Ring Cleaning Brush - O-Rings must be absolutely clean
2. Anti-Fog Desiccant - For humid climate.
(Do not open bag until inserting into camera housing.)
3. Lens Cleaning Cloth



Camera Case for Inner Camera



ReefMaster DIGITAL Quick Guide

2nd

CHECK THE OPTIONAL ACCESSORIES YOU BOUGHT

Note: All accessories are usable with SeaLife ReefMaster Film Cameras unless otherwise mentioned.



- Extra Rechargeable Ni-MH Batteries, Size AA (Nickel Metal Hydride, 1600 mAh) # SL190

With proper power management, the batteries will last for one or two dives. Turn the power off when not taking pictures and limit the use of the LCD monitor. Recharging will take about 2.5 hours. For more information, see the manual.



- SeaLife Compact Flash Memory Cards for CF-compatible Digital Cameras

32 MB CF Card - # SL180 (64 Hi-Res Pictures)
128 MB CF Card - # SL 182 (256 Hi-Res Pictures)
*The built in memory is 8 MB and holds up to 17 Hi-Res Pictures



- SeaLife Anti-Fog Desiccant Capsules # SL911

Insert in Underwater housing to prevent fogging. Should be replaced daily in high humidity. 10 per pack.

* Indicating silica turns from blue to pink when expired.



- SeaLife Anti-Fog Desiccant 1 oz/28g bag # M101

Insert into airtight SeaLife hard case for storage of batteries or any electronics. Can be re-generated. 3 bags per pack. 10 packs per box.

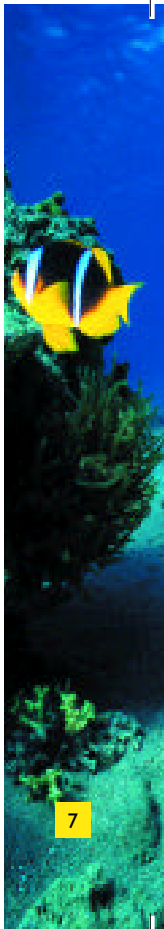


- SeaLife External Flash(es) with Mounting Brackets # SL960

The External Flash is the key to great photos. The External Flash also reduces backscatter. 2 External flashes prevent shadows and will allow a more even illumination. * Soft Case included.



- SeaLife Soft Case (included with External Flash)

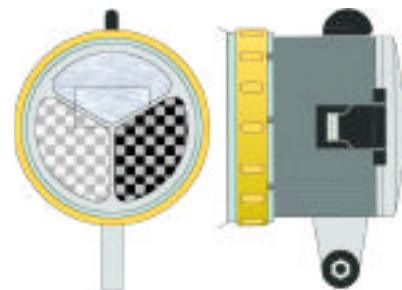


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Buoyancy Control Weight BCW - # SL966

To be inserted in Flash head.
Note: One BCW makes the ReefMaster Digital w/External Flash negatively buoyant.



Flash Diffuser Dial # SL968

3 settings to control over-flashing on close reflective objects. Snaps onto External Flash.

SeaLife 20 mm Wide Angle Lens # SL970

Increases frame angle by approx. 50%.
Example: 5 foot Reef Shark fits in frame at 5 foot distance.



Macro Set - # SL959

Includes 8x and 16x Macro Lenses/UW Filters and Macro Wand Distance Tool

3x Macro Lens/UW Filter
Distance: 12"-36" (30cm-90cm)

8x Macro Lens/UW Filter
Distance: 10"-13" (25cm-33cm)
Use with Macro Wand Distance Tool

16x Macro Lens/UW Filter
Distance: 7"-10" (17cm - 25cm)
Use with Macro Wand Distance Tool

*** All Macro Lenses include Safety lanyard**

SeaLife Macro lenses are also Underwater filters, which intensify red and yellow colors slightly to compensate for underwater blue effect. The lens automatically compensates the flash intensity to prevent over-flashing.

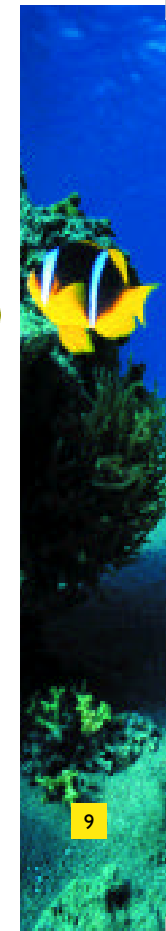


Macro Wand Distance Tool

Extendible and foldable. Attaches to tripod mount or flash mount.



Macro lens easily snaps on housing when underwater



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Soft Case for UW Camera - # SL945

Inside Size:
6 x 6 x 3.5"
15 x 15 x 9 cm



Soft Case for UW Camera and External Flash - # SL946

(included with External Flash)
Inside Size:
11 x 9.5 x 4"
27 x 23 x 12 cm



Soft Case for UW Camera and 2 External Flash Units and Macro Set - # SL947

Inside Size:
15 x 14 x 5.5"
37 x 35 x 14 cm



SeaLife Weather-Proof Camera Pouch - # SL948

Transparent LCD screens,
Glass Lens Port and
button control.
(Not for use in water.)

Hard Case for Underwater Camera # SL930

Unbreakable. Air and Water tight with foam insert and pressure valve.
Inside Size: 9.25 x 7.25 x 4" - 23 x 18 x 10 cm

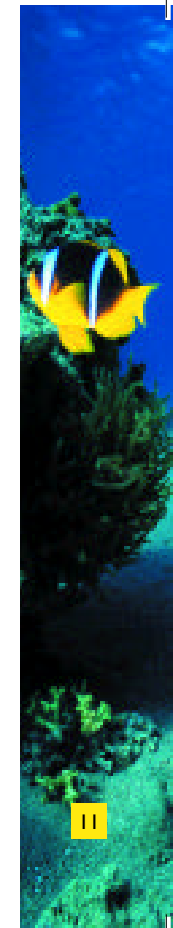


Hard Case for Underwater Camera, 2 External Flash Units and Macro Set # SL934

Unbreakable. Air and Water tight with foam insert and pressure valve.
Inside Size: 17 x 11.5 x 5.5"
42 x 28 x 13 cm



To order accessories or for more information about SeaLife accessories visit your local scuba retailer or visit our website at www.sealife-cameras.com

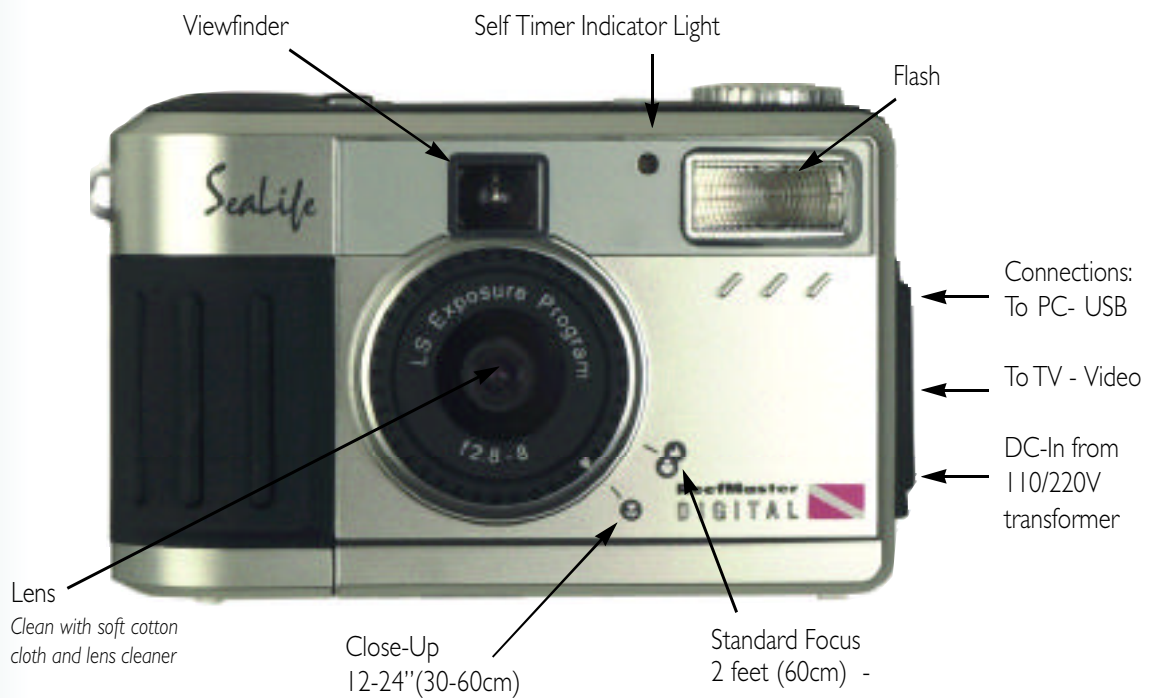


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3rd

CAMERA BUTTONS

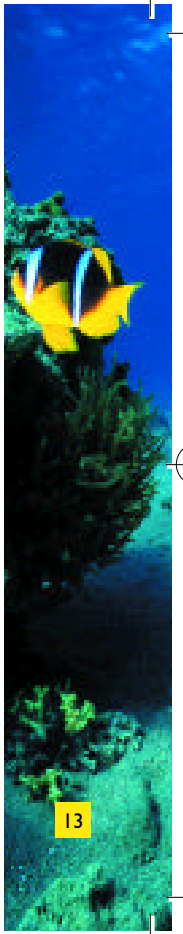
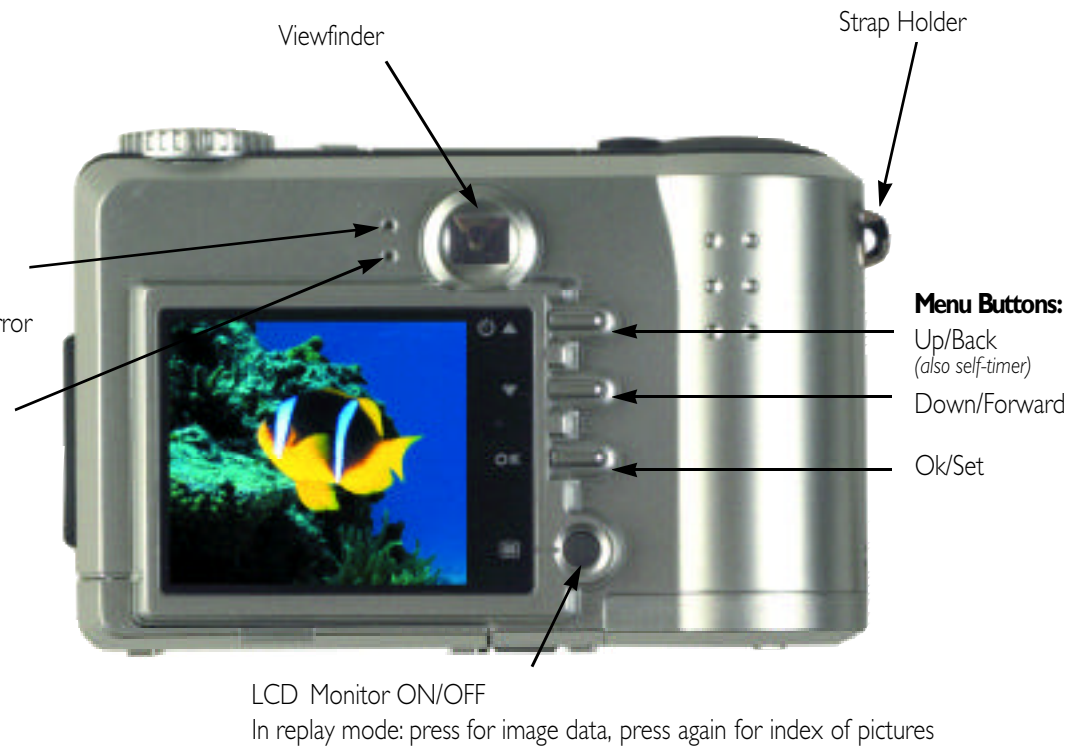
Learn the various buttons and features to operate your Inner Camera and Underwater Housing.



Rear View

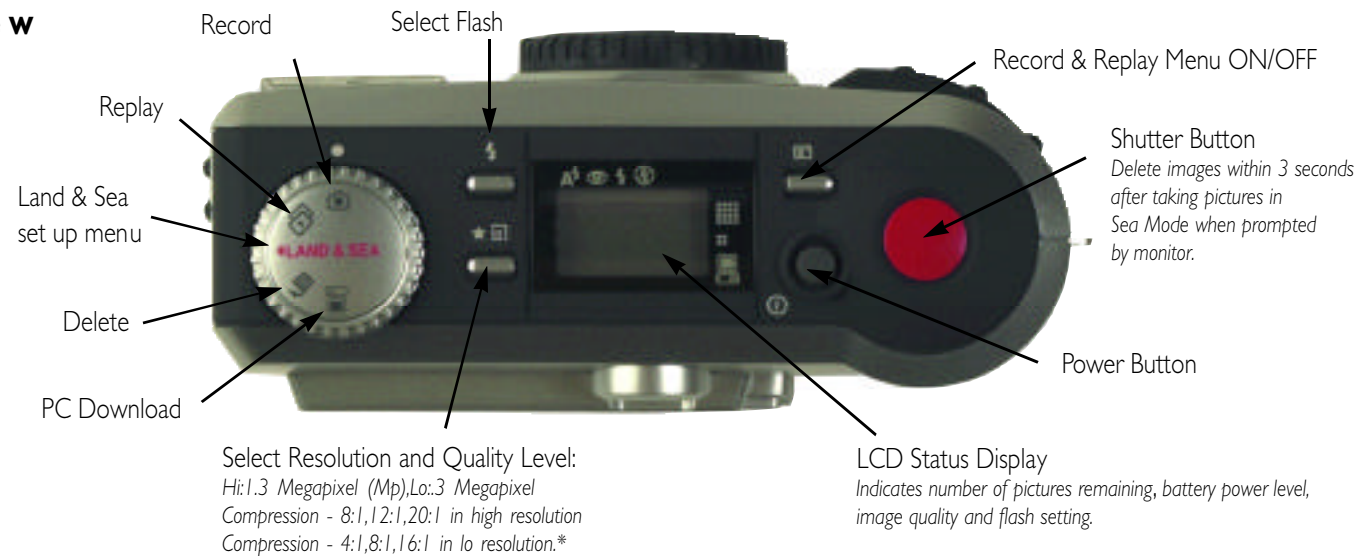
Indicator Lights:
 Green: Power On,
 Red Blinking: Processing
 Red Blinking with Beep: Error

Green: CF Card Inserted



ReefMaster DIGITAL Quick Guide

Top View

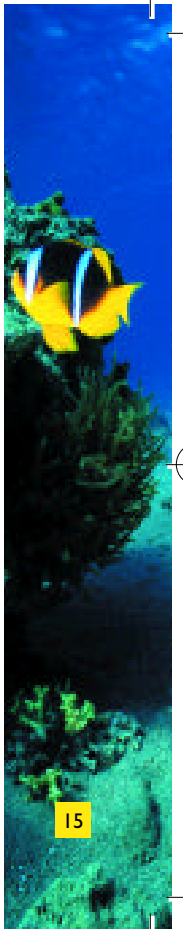
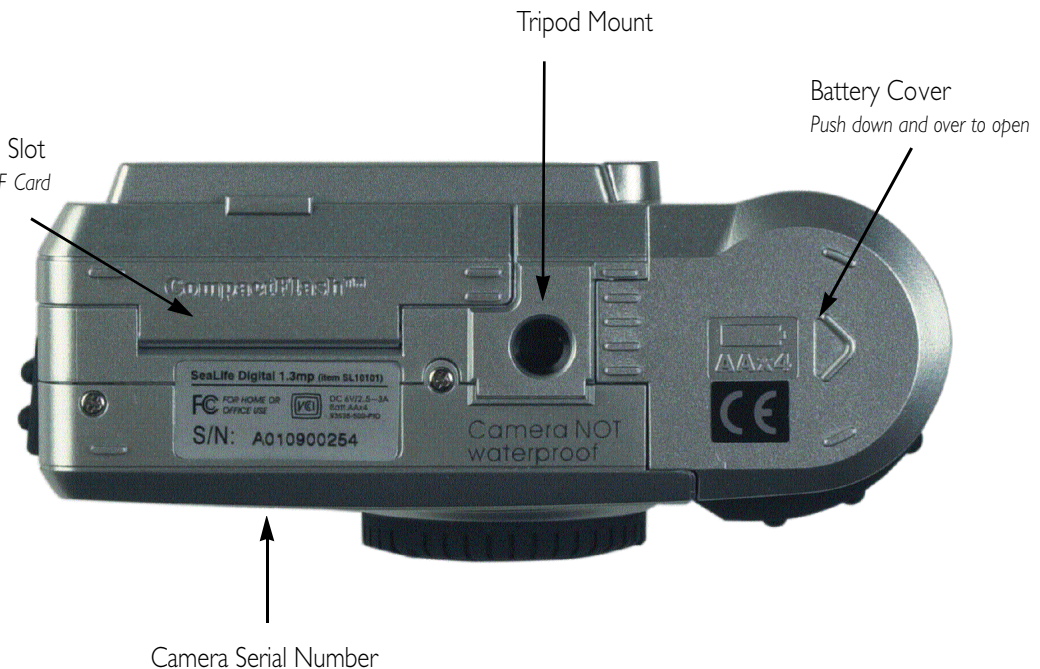
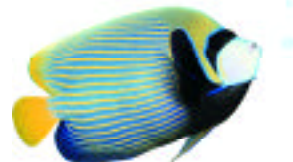


* Note: "Pixels" are the dots that make up the picture. The more dots, the larger the picture (more dots also create slower processing and downloading speeds and require more space). There is a maximum of 1.3 million pixels (MP) per picture. To save space, the pictures can be compressed by combining similar color pixels. The compression ratio lowers the quality level. It is recommended to use high resolution and high quality. For more information on resolution and compression see the manual.

Bottom View

Compact Flash® Memory Card Slot
Built-in memory: 8 MB, usable without CF Card for 17 high-resolution pictures.

Compact Flash® is a trademark of Sandisk Corp.



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Removable Sportsfinder

If the center appears as a circle, it is aiming at a point 4 feet/120cm from the lens. (Optional)

Only included with DC 200

Power Button

Built-in flash window

Shutter Button

- Record images
- Delete images when prompted by monitor (during image review)

Optical glass lens port

Closing Latch

Docking Port for snap-on lenses Macro 3x, 8x, 16x and wide angle lenses.

Rubber Armoring

- Slip Proof
- Shock Protection
- Visibility

Connector for carry strap

Housing Serial Number

Mount for External Flash or Macro Wand

Rear View

Anti-fog desiccant holding areas

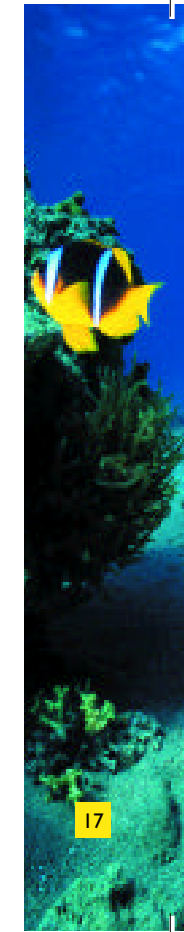
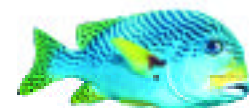
Underwater Housing Closing Lid

LCD monitor window

Closing Lid hinge

LCD monitor window frame*

*Also Docking Port for optional sunshade



ReefMaster DIGITAL Quick Guide

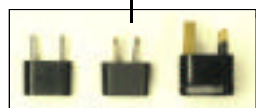
TAKING PICTURES ON LAND



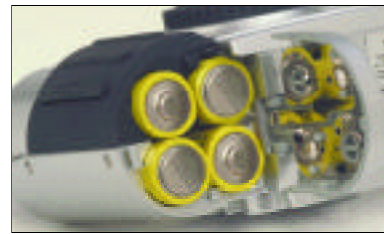
Only use Ni-MH rechargeable batteries. Capacity: 1600 or higher mAh Size: AA



Charge 110/220V Batteries for 2 1/2 hours until green light appears



Foreign Plug Adapters



Insert Batteries Watch + / - Polarity



Set to Record

Important: Read instruction manual on battery usage!



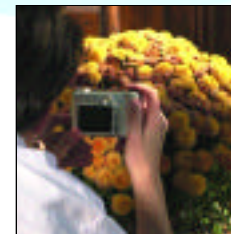
CFCard - Optional

Camera has 8 MB internal memory for 17 high resolution pictures. Insert Compact Flash Memory Card for more pictures. CF Card: 32 MB holds 64 hi-res. 128 MB holds 256 hi-res.



Power On

If camera is not used for 3 minutes, the camera will go into power save mode to preserve the battery. To reactivate, push the shutter button again.



Shoot

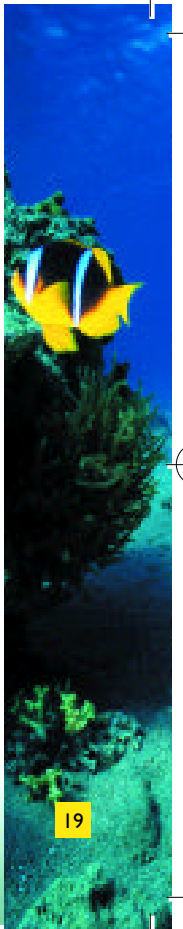
If camera is not used for 5 minutes, the camera will shut off. To reactivate, push the power button again.



Preview

Quickview will display picture taken for 3 seconds.

In case of message "out of memory" you may:
1. Set Dial to delete mode and erase unwanted pictures
2. Use larger CF Card
3. Download pictures to PC and erase pictures in camera



ReefMaster DIGITAL Quick Guide

TAKING SEA PICTURES



Set to Land and Sea



Power On



See Menu:
"Land/Sea/Ext. Flash"
Press:OK button
Select SEA using ▲ ▼ buttons
Press OK to set*



For Underwater Images

Use CF Card with at least 32 MB, or better at 128 MB for 61 or 256 hi-res pictures (CF card not included)



Set to Record



Opening the Housing



Insert Camera in Dry, Air Conditioned Room*

*The menu is self explanatory, once you understand the basic principle:
Use ▲ ▼ buttons to scroll through the menus and options
Use OK button to select or set an item

If the housing is difficult to open, for example after flying in an airplane, push the strap holder with your thumb to one side and the recess in the lid to the other side as shown.

*Trapping warm, humid air inside housing may cause fogging.
Batteries must be fresh and fully charged.
Wipe one drop of Anti-Fog Lotion in on inside of housing lens.

CONTINUED...

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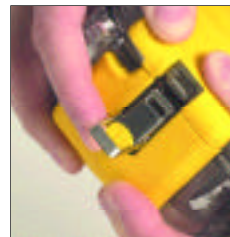
TAKING SEA PICTURES, Cont.



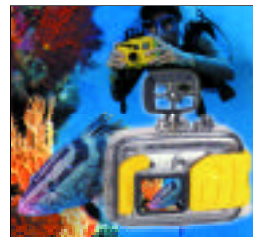
Clean O-Rings w/Brush
Insert Desiccant
Do not grease O-Ring



Closing the Housing



Close Latch



Test before Diving

When closing the housing, press the lid tightly down to ensure a waterproof seal, before closing the latch. Do not close the latch if the lid is not completely and tightly closed.

1. Power ON camera.
 2. See object in LCD monitor.
 3. Shoot - Hold camera steady; press shutter button
 4. You may delete a picture within 3 seconds when prompted.
 5. Turn power OFF camera to save battery power.
- Note: If camera is not used for 3 minutes, the camera will go into power save mode. To reactivate, push the shutter button again. If camera is not used for **15** minutes, power will shut OFF. To re-activate, press power button.



Soak or Wash with fresh water

After diving rinse or soak camera in housing with fresh water.
Never let sea water dry on camera housing.

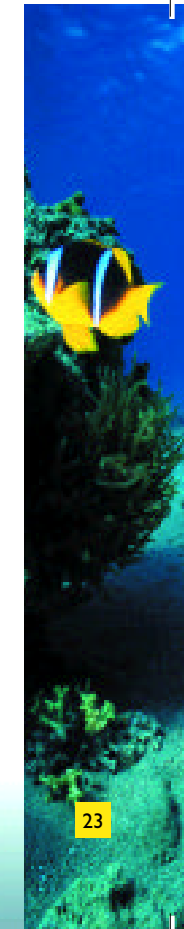


Dry with a clean towel

Keep camera housing in shade to avoid over-heating inside of housing.



Remove Camera from housing only when you and the housing are perfectly dry



ReefMaster DIGITAL Quick Guide

VIEWING YOUR PICTURES ON TV



Connect Power Cable to 110/220 volt outlet (Save Battery Power)



Plug Power Cable into camera jack (DC/6 volt)



Set to Replay Mode



Connect Video Cable to Video-In at back of TV set and the other end to the camera



Turn Power On



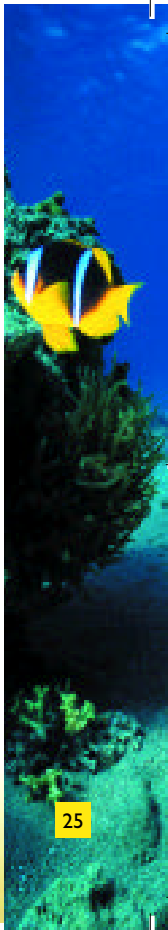
Push ▲ or ▼ buttons to scroll through pictures in memory



Set TV to Video and view pictures.

(While connected to a TV set you can also set the mode setting dial on your camera to "Record Mode" to take pictures and use the TV as a monitor)

Make sure plugs are pushed all the way into the camera



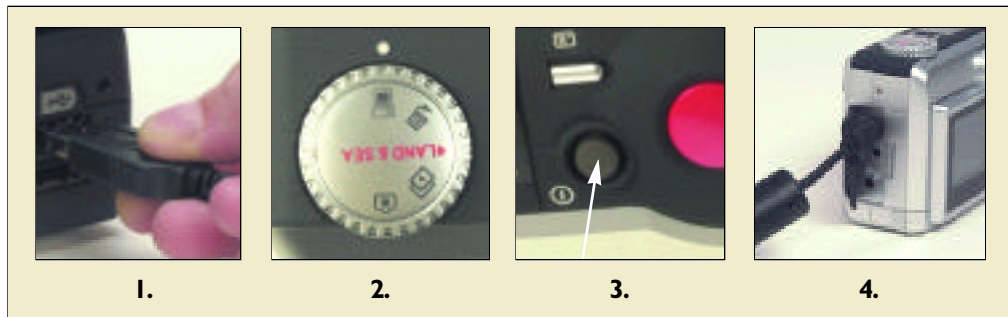
ReefMaster DIGITAL Quick Guide

VIEWING YOUR PICTURES ON COMPUTER



Install Driver and MGI Photo Suite Imaging Software*

(follow on-screen instructions)



1. Connect PC Cable to USB Port of Computer.
Make sure computer is turned ON

2. Set to PC mode

3. Turn Power On

4. Only NOW connect PC Cable to Camera



Download:
Double-click "My Computer"
Removable disk (x:) will appear.



Double-click "Removable Disk" (x:)
Double-click "Pics"
(on some operating systems this takes up to 4 minutes)



View, Save, Edit, e-mail and Print your images.
Use only the best photo glossy paper.



**You may want to use your favorite editing software.
Install driver only for Windows 98, 2000, ME, XP and Mac 8.5 or higher.*

NOTE
Follow your operating system's guidelines for removing USB device .

Important - Follow the sequence 1-2-3-4 as indicated!

