

The introduction of the **UltraLight Control Systems' Camera Pivot** has revolutionized underwater photography. Our pivot allows the photographer to convert his camera set up from horizontal to vertical in less time than it takes for his/her strobes to recycle. The strobes never need repositioning whether you've switched to the vertical or horizontal format.

**Ultralight has manufactured a new pivot for some of the consumer digital housings, which include the Tetra, the Olympus PT series, and Sea and Sea.**

UltraLight makes a light weight arm system, the lightest aluminum system on the market. All arms and adapters have an o-ring in the ball portion. This greatly increases the friction forces at the joint, therefore, keeping the arms where you put them. UltraLight Control Systems offers a full line of trays, arms, adapters, and accessories for both still, digital, and video camera systems. Feel free to call us at the numbers below to discuss your system's needs.

We think once you have tried our product you will agree it is the best, lightest weight, most convenient, and versatile on the market. It will be the last arm system you will have to buy.

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## GETTING STARTED

The first question we ask is what camera or housing are you using? If you say Nikonos, are you going to use your current tray? If so then we have an adapter for it (**AD-3816**) so you can use Ultralight's arms. If you want a new tray, are you going to use one or two strobes? We have a single tray that can be upgraded to a double tray down the road. We also make the "**Pivot**" the ultimate in double trays for the **Nikonos** or **Sea and Sea Motor Marine IIEX** camera. See pg. 3.

If your camera is a digital in a housing, we make a digital tray (**TR-DS**). This tray can take a handle (**TR-DH**) that is flat on top. You can add a spotting light to the top of it with our spotting light kit, see pg. 10. If you want to add a strobe, then our handle ball (**BA-HB**) will screw into the handle. Then you can take our arm system off the top of that handle.

After you decide on the tray, then you need to decide if you are going to want a handle on the tray. We make a handle with a nice rubber grip on it that will fit most trays and of course ours. The majority of our customers like a handle (**AC-H**) on the left side of the system. The handle can be fixed or a quick disconnect (**AC-HQD**) type, allowing you to hand hold your strobe. Many customers have found that the flexibility of our system means they are doing much less hand holding then before. They get consistent results when they know where their strobe is at all times. See pg. 4

After the handle selection, then the arm selection comes next. Our system is based on two arm segments, (**DB-03, DB-05, DB-08, DB-12, DB-16**) three clamps (joint)(**AC-CS**), a base adapter and a strobe adapter. This gives you the greatest flexibility, with a joint at the strobe, one in the middle of two arms and one at the base. See pg. 6&7.

The size of the arm segments is your next decision. You need to answer what type of photography are you going to do, macro, wide angle, or a little of both. Our most popular arm size is 8 inches. Two 8 inch segments with the three clamps, the base adapter, and the strobe adapter is 22 inches in total length. See pg. 7.

You have a housing and you want to mount our arms to it. **Aquatica, Sea and Sea and Nexus** have built in handles. We make adapters to fit on top of the handles. The most popular is the **BA-AQW**. We can supply it with metric or US measure bolts. Please specify the housing you are using. If you have a **Sea and Sea** housing it may come with a plate (**BA-TP**) on top of the handle. We make an adapter to fit on it if you like (**BA-TG**) or you can replace the plate with our **BA-AQW**.

**Subal** housings have places to mount Ultralight arms. You can use a Ultralight Subal dovetail base or double dovetail base. (**BA-SU** or **BA-SUD**). See pg. 5. Our newest products **BA-SV** & **BA-SA** mount directly to the housing. See pg. 5. An **Ikelite** housing with an older style Ikelite handle coming off a tray underneath uses our **AD-3816** on top of the handle after removing the plastic knob. Our new **BA-IK** fits Ikelites latest SLR release handle and the taller version **BA-IKT** accomodates the TTL slave unit or the manual controler. See pg. 5.

Strobe adapter selection is easy. We make an adapter for every strobe that is out there. If you have a strobe that we do not list an adapter for just mention it to us and we probably have a solution. See pg. 8-9.

Pivots, as mentioned before, are the ultimate in a double strobe tray. It can also be used for single strobe photography. The pivot is explained on page 1. We make pivots for the **Nikonos V**, the **RS**, **Tetra** housings, **Olympus PT** housings, and many other polycarbonate housings. Call to see if your housing will fit.

The Tetra pivots can be used topside on high end digital cameras, i.e. Nikon D1, Canon 10D, Kodak 14D, Sigma and many others. Call to check on your camera.

**CAMERA & HOUSING PIVOTS:** (photos below)

CP-NK	Nikonos 3, 4, 5, & Sea & Sea MXII camera pivot (photo below)	\$199.95
CP-RS	RS Camera Pivot (photo below)	\$219.95
CP-TD	Tetra Housing, Pivot, for Olympus 3000-4000 series (photo below)	\$186.95
CP-TDC	Tetra Housing, Pivot, for Nikon Coolpix camera (photo below)	\$186.95

Can also be used on Olympus PT housings,  
Sea and Sea DX 3000, and others

**PIVOT ACCESSORIES:** (some photos below)

CP-BASE	Nikonos pivot base to use with an RS pivot back	\$49.95
AC-HB	Handle Base Adapter (Adjustable, mounts on bottom of pivot)	\$19.95
AC-H	Handle with Ball with rubber grip (photo pg. 4)	\$49.95
AC-HQD	Quick disconnect Handle with Ball with rubber grip (photo pg.4)	\$59.95
AC-WS	Wrist Support (Fits on RS pivots (photo below) and RS single tray)	\$34.95
AC-DBNK	Double pivot assembly for two Nikonos V cameras	\$49.95
AC-DBRS	Double pivot assembly for two RS cameras	\$49.95



**CP-RS & CP-NK  
RS PIVOT AND  
NIKONOS V PIVOT**  
The RS pivot has an optional wrist support on right side.

**Three ways to mount base adapters to pivots**



**BA-DB with BA-AD**



**BA-DB with BA-DT**



**BA-AQN**



**CP-NK & AC-H  
& AC-HB  
NIKONOS V PIVOT**  
Has handle mounted on left side of pivot and a BA-AQ on the right side



**AC-HB & AC-H  
HANDLE BASE  
ADAPTER & HANDLE**  
(for Nikonos, RS, and Subal pivots)  
With 1/4-20 holes on bottom, is adjustable 3" left to right.



**CP-TDC  
Coolpix pivot**  
for the Olympus housings may work with others, call



**CP-TDC  
TETRA COOLPIX  
PIVOT**  
For Light & Motion's Tetra housing for the Nikon Coolpix 5000 digital camera (handle is included)  
Pictured with base adapters.



**CP-TD  
TETRA PIVOT**  
For Light & Motion's Tetra housing for the Olympus 3000 & 4000 "C" series digital cameras (handle is included)

## CAMERA TRAYS & ACCESSORIES: (photos below)

TR-NKS	Nikonos 2, 3, 4, 5, Sea & Sea Camera Single Tray (may be upgraded to a double tray) (Requires a handle or AD-3816 to mount arm set)	\$59.95
TR-NKD	Nikonos 2, 3, 4, 5, Sea & Sea Camera Double Tray (Requires one handle and a AD-3816 to mount your arm sets.)	\$89.95
TR-NK-UP	Upgrade your Single tray to a double tray (requires a second AD-3816)	\$30.00
New TR-DS	Digital single tray for most Polycarbonate housings	\$39.95
New TR-DH	Digital handle for digital tray (has 1/4-20 threads in it)	\$29.95
New BA-HB	Ball to fit on digital handle (has a 1/4-20 screw)	\$22.95
New TR-DHB	TR-DH handle plus BA-HB ball adapter	\$49.95
TR-RSS	RS Camera Single Tray with Wrist Support	\$119.95
TR-SBLD	Camera Housing Tray, double, (Subal, Stromm, Sea & Sea housings), 14.5 inches long (requires one or two handles or AD-3816 to mount an arm set.)	\$79.95
TR-SC	Bracket to mount Ultralight's handles to Sea Cam or Subal housings	\$19.95

### TR-SC

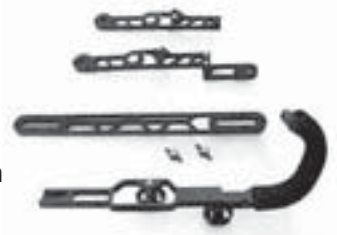
This bracket and Ultralight's handle will replace the Sea Cam or Subal handle



### CAMERA TRAYS

From top to bottom:

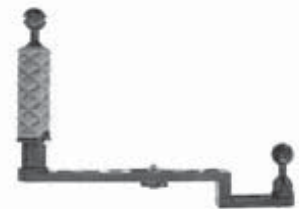
- TR-NKS** Nikonos single tray
- TR-NKD** Nikonos double tray
- TR-SBLD** Housing tray, 14.5" long
- TR-RSS** RS camera tray with wrist support.



### TR-NKD

#### NIKONOS DOUBLE TRAY

With an optional AD-3816-2 adapter and an optional AC-HQD handle (left side). Right side is stepped down for comfort. This tray will also accept the Olympus digital housings or other polycarbonate housings, i.e. Sony, Minolta, Canon



### AC-H

#### HANDLE WITH BALL

(left in photo)

To mount to Nikonos single or double trays, or camera housing tray and pivots.



### AC-HQD QUICK DISCONNECT

#### HANDLE WITH BALL (right in photo)

To mount to Nikonos single or double trays, or camera housing tray and pivots.

Disconnects by a push of the stainless button.

### TR-DS & TR-DH

Digital tray with handle for most Polycarbonate housings. A **BA-HB** (handle ball) can be added if arms are needed.



### BA-HB Handle ball

Ball with 1/4 bolt



### AC-SPL

Spotting Light adapter for UK MiniQ-40 light to attach to the top of new digital handle.



This is the digital tray, handle with ball adapter, mounting plate (pg. 10), and spotting light adapter.

**BASE ADAPTERS:** (most photos below)

BA-AQW	Base adapter - Wide - for housing handles, specify US or metric screws	\$23.95
BA-AQN	Base adapter - Narrow - for Ultralight pivots	\$23.95
BA-DB	Dovetail Plate (Dovetail Female Groove), specify US or Metric screws	\$13.95
BA-DT	Dovetail Adapter (Male) fits in the female plates	\$23.95
BA-AD	Angled Dovetail adapter (Male) fits in the female plates	\$23.95
BA-SU	Subal Dovetail Plate (Dovetail Female Groove)	\$13.95
BA-SUD	Subal Double Dovetail Plate (Dovetail Female Groove)	\$22.95
BA-SV	Fixed base adapter with ball for Subal housings	\$22.95
BA-SA	Fixed base adapter with ball, angled for Subal housings	\$22.95
BA-TP	"T" plate (for Sea & Sea housing handles & Ultralight's BA-TG)	\$13.95
BA-TG	Base "T"-Groove, slides over ( Amphibico and Sony video housings, Sea & Sea, Subal housing plates, also Ultralight's BA-TP)	\$23.95
BA-LM	Light and Motion & Top Dawg video housing base adapter (photo pg 8)	\$22.95
BA-IK	Base adapter for Ikelite's SLR release handle	\$23.95
New BA-IKT	Base adapter for Ikelite's SLR release handle, taller version to accept Ikelites TTL Sensor or manual controller	\$32.95
New BA-PR	Port ring adapter for Nexus port ring (photo pg. 10)	\$24.95
New BA-HB	Ball to mount with 1/4-20 thread pg. (photo pg. 4)	\$22.95



**BA-TP**

T-Plate for use with T-Groove, see picture to the right. Same as Amphibico and Sony plates.

**BA-TP and BA-TG**

For Sea & Sea, Amphibico, and Sony.



**BA-DB with BA-DT** (left photo) **BA-DB with BA-AD** (right photo)  
**DOVETAIL BRACKET (FEMALE) & DOVETAIL ADAPTER (MALE)** (left photo)  
**DOVETAIL BRACKET (FEMALE) & ANGLED DOVETAIL ADAPTER** (right Photo)  
 Bracket mounts with flat head screws. Both are interchangeable with other manufacturers parts. Used on pivots, trays or any housings. Will mount on holes 1" to 1 1/4" apart. Both mount with a t-knob enabling you to quickly take you arms off the bracket. **Specify housing to receive proper screws.**



**BA-AQW & BA-AQN**

Base adapter - wide, for use on housing handles.  
 Base adapter - narrow, for use on pivots.  
 Holes are 1 1/8" - 1 1/4" apart.  
 Can be used with metric or US threads, **please specify what you are attaching it to.**

**BA-SU & BA-SUD  
 SUBAL DOVETAIL &  
 SUBAL DOVETAIL DOUBLE**

Used with Subal Housings. The double one used on housings with only one mount or to add a spotting light.



**BA-IK & BA-IKT**

Base adapter for the new Ikelite SLR quick release handle. Taller version will accommodate Ikelites TTL slave or manual controller

**BA-SV & BA-SA  
 BASE ADAPTER,  
 SUBAL VERTICAL,  
 SUBAL ANGLED**

Bolts directly to any Subal housing



## UNIVERSAL ADAPTERS FOR BASE OR STROBE USE

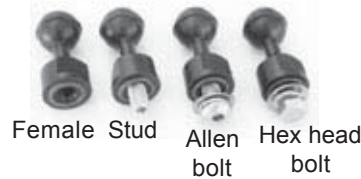
Comes with female threads or bolt or stud for your specific use. *Please specify.*

AD-3816	Use on Ikelite handles (old style), Ultralight trays, Nikonos trays	\$22.95
AD-1420	For use with that size hole (i.e. <b>Sartek</b> lights or <b>Gates</b> housings)	\$22.95
AD-6mm	With stud for use on Subal housings for spotting light	\$22.95
AD-8mm	European use for 8mm threads (housings & strobes)	\$22.95
AD-1032	With Stud for some Light & Motion housings and lights	\$22.95

If you don't see your application or size listed, we can likely supply it. Specify female threads or type of male threads you need. (i.e. bolt or stud and the length needed). These adapters can be used as base adapters on trays, strobe adapters or adapters for anything that needs a ball at the end. If you have a Nikonos tray that came with your Nikonos V, our AD-3816 with a bolt will work. The AD-3816 with a bolt will work as a base adapter for our Ultralight single or double trays. The AD-8mm is used for many strobes that are purchased in Europe.

### AD-3816, AD-1420, 6MM, 8MM, AD-1032 UNIVERSAL THREADED ADAPTER

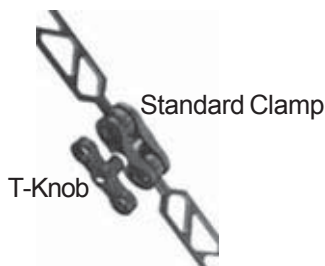
Ball adapter with female or male threads, for attaching to any place there is a need for an adapter with the above sizes.



## CLAMP PHOTOS

### AC-CS CLAMP SET STANDARD

Shown with proper placement of two arms between clamp halves. T-Knob used to tighten or loosen clamp



### AC-CSF NEW STYLE CLAMP

Allows 15 degrees of side to side movement



### AC-TCS TRIPLE CLAMP

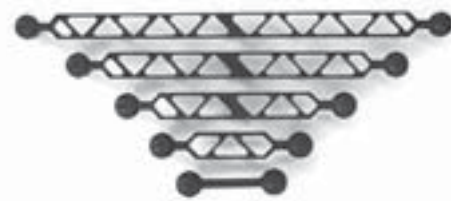
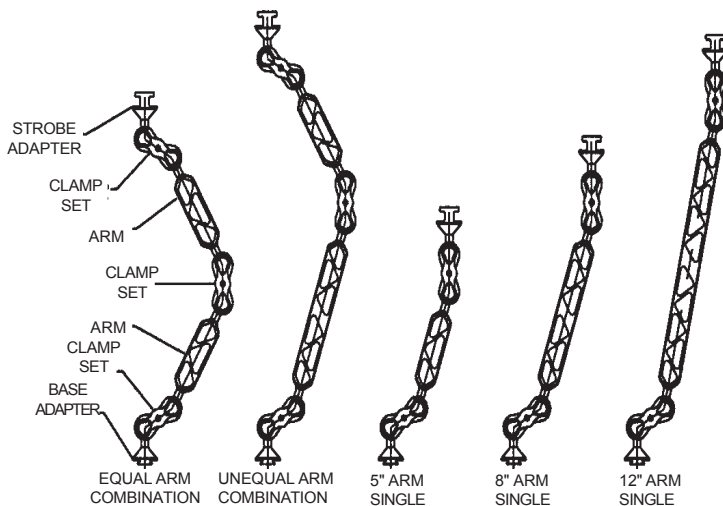
Used with the remote TTL Slave Adaptor, or any Spotting Light Adaptor. (Shown with a TTL adapter, a MS adapter & an arm.)

The clamps are what hold the ball ends together. They function much as your own arm joints function. Our system is designed for three clamps per arm side. This gives you the greatest flexibility of movement, i.e. you have a joint at your wrist, your elbow, and your shoulder. A regular or new style clamp holds two ball ends together, a triple clamp holds three ball ends together. When assembling your arms and clamps, place the ball ends in between **the identical parts** of the clamp and use the t-knob to tighten or loosen. It is easy to accidentally put the ball end between a clamp half and the t-knob. With our clamps you do not need to tighten them so tight that you have trouble loosening them underwater. The o-ring in the balls allows you to tighten the clamps much looser than other manufacturers clamps and the strobe will still be held in the position you want it in. Never put only two balls into a triple clamp as the bolt will bend.

**ARM SEGMENTS:** (drawings and photos below)

DB-03	3" Double Ball Arm	\$29.95
DB-05	5" Double Ball Arm	\$47.95
DB-08	8" Double Ball Arm	\$47.95
DB-12	12" Double Ball Arm	\$47.95
DB-16	16" Double Ball Arm	\$49.95
DB-B08	8" Double Ball Arm - Buoyancy	\$54.95
DB-B12	12" Double Ball Arm - Buoyancy	\$54.95
DB-B16	16" Double Ball Arm - Buoyancy	\$55.95
SBSS-5	5" Single ball arm for Sea and Sea strobe	\$49.95
SBSS-8	8" Single ball arm for Sea and Sea strobe	\$52.95
SBDT-5	5" Single ball with dovetail (fits into BA-DB)	\$45.95
SBNK-8	8" Single ball for Nikonos strobe	\$52.95

**CAMERA & VIDEO ARM COMBINATIONS**



**ARMS FROM 16 INCH DOWN TO 3 INCH**

As illustrated above there are lots of combinations you can have for arms. The still photographer usually uses a double arm whether of equal lengths or unequal lengths. The videographer usually uses a single arm length (requires one less clamp)

Arm length is based on what type of photography you intend to do. If you only do macro then you want a small compact arm that will reach your subjects. If you do only wide angle then you want to get your strobes out away from the camera to lessen the backscatter that you get when your strobes light the water in front of the subject you are photographing. If you do both types of photography then you will need to figure the length that will give you the wide angle photography and not be in the way for macro work. The 8" arms are the most popular for both types of pictures.



**DB-B12, DB-B16, DB-B08 BUOYANCY ARMS**

A complete arm set of two 12" buoyancy arms weighs only 1/2 oz in water. (includes 3 clamps and strobe and base adapter)



**SBSS-5, SBSS-8, SBNK-8, SBDT-5 SINGLE BALL ARMS**

By using one or two of these, you have less clamps in your system; but you sacrifice flexibility

**STROBE & VIDEO LIGHT ADAPTERS:** (most photos below)

AD-MS	Ikelite 50, MS, MV, DS-50 Substrobes	\$22.95
AD-Ai	Ikelite 100, 100A, Ai Substrobes	\$22.95
AD-150	Ikelite 150, 225, 300, 400 Substrobes	\$22.95
AD-125	Ikelite DS-125 Substrobe	\$22.95
AD-200	Ikelite 200 Substrobe	\$22.95
AD-200A	Alternative adapter for Ikelite 200 (photo below)	\$44.95
AD-200U	Upgrade for owners of original Ultralight AD-200	\$22.95
AD-102	Nikonos 102 Strobes	\$22.95
AD-103	Nikonos 103, 105 Strobes	\$22.95
AD-104	Nikonos 104 Strobe	\$22.95
AD-SS	Sea and Sea Strobes	\$22.95
AD-SSL	Sea and Sea Strobes, longer version	\$25.95
New AD-IN	Inon strobes D-180, Z-220	\$34.95
AD-LS	For land strobes or Amphibico video lights (photo pg.9)	\$22.95
AD-Mini-S	For Light & Motion Sun Ray-S Mini video lights (6/32 thread)	\$22.95
AD-SUN	Light & Motion Sun Ray-S Pro, Elite, Classic video light	\$22.95
AD-MOD	Light & Motion Sun Ray Mod light (10/32 thread)(photo pg.9)	\$22.95
AD-HID	Light & Motion HID Light, larger base with 10/32 thread)	\$22.95
AD-UK	Underwater Kinetics (SunLight "D" or Light Cannon) (photo pg.9)	\$34.95
AD-NR	NiteRider light adapter (photo pg. 9)	\$28.95



**BA-LM**  
Light & Motion & Top Dawg  
video housing adaptor

**AD-SUN**  
Light & Motion  
Sun Ray-S video light adaptor

**AD-Mini-S**  
Light & Motion Sun Ray Mini-S video  
light adaptor

**AD-HID** Light & Motion HID light



**AD-MS**  
Ikelite MS, MV, 50, DS-50  
Substrobes and flashlight brackets

**AD-AI**  
Ikelite Ai or 100A Substrobe

**AD-125**  
Ikelite DS-125 Substrobe

**AD-150**  
Ikelite 150, 225, 300 or  
400 strobe

**AD-200**  
Ikelite 200 strobe



**AD-102**  
Nikonos 102 Strobe,

**AD-103**  
Nikonos 103, 105 Strobe,  
Has a cut out to match the  
strobe cut out

**AD-104**  
Nikonos 104 strobe



**AD-TTL**  
**REMOTE TTL**  
**SLAVE ADAPTOR**  
**FOR IKELITE**  
Needs a triple clamp  
AC-TCS To mount to  
Ultralight arms



**AD-SS**  
Sea & Sea Strobes

**AD-SSL**  
Sea & Sea Strobes  
Longer version



**AD-IN**  
Inon Strobe adapter  
for Z-220 or D-180



**AD-200A**  
**Alternate adapter for Ikelite 200.**  
Mounts without using the threaded  
hole in strobe. Allows you to see  
ready light and the switches when  
mounted on an Ultralight arm.

## MORE STROBE & VIDEO LIGHT ADAPTER PHOTOS



### AD-LS LAND STROBE ADAPTER

Used for land strobes and some Amphibico video lights.



### AD-UK UNDERWATER KINETICS

Sunlight D series or Light Cannon HID lights



### AD-NR NITERIDER LIGHT ADAPTER

Fits all NiteRider scuba/video lights



### AD-MOD Light & Motion Sunray Mod light

## ACCESSORIES:

AC-CS	Clamp Set - Standard (holds two ball ends together)(photo pg. 6)	\$29.95
AC-CSF	New Style Clamp - Allows 15 degrees side to side movement of the arm. (holds two ball ends together) (photo pg. 6)	\$29.95
AC-TCS	Clamp Set - Triple (holds three ball ends together) (photo pg. 6)	\$34.95
AC-SEK	Sekonic Light Meter Clamp (fits in the arm set) (photo pg. 10)	\$49.95
AC-SEKB	Sekonic Light Meter Bracket (1/4-20 hole) (photo pg. 10)	\$41.95
AD-TTL	Remote Ikelite TTL Slave Adapter (requires AC-TCS-(photo pg. 6&8)	\$24.95
AC-SLQ	Spotting Light Adapter (Designed for two UK Mini Q-40's)(photo pg. 10)	\$34.95
AC-USL	Universal Spotting Light Adapter (For most C-Cell flashlights) (pg.10)	\$32.95
AC-USLm	Universal Spotting Light Adapter mini (for most AA-cell lights (pg.10)	\$32.95
New AC-SPL	For digital handle, mini light adapter with loc line (pg. 4)	\$14.95
AD-HS	Hot Shoe Adapter with Ball (photo pg. 10)	\$34.95
AC-H	Handle with ball (photo pg. 4)	\$49.95
AC-HQD	Quick Disconnect Handle with Ball (photo pg. 4)	\$59.95
AC-IK	Ikelite Mini-C flashlight holder with ball (photo pg. 10)	\$26.95
AC-FB	Mounting plate for top of housing handles, subal housings, pivots, for mounting flashlights, sekonic meter brackets, etc. Plates with different size holes for mounting different adapters.(pg. 10)	\$10.95
AC-LR	Tool for depressing lens release button	\$7.95
AC-TRI	Tripod clamp for use our regular arms (photo pg. 10)	\$36.95
AC-IF	Ikelite Flash Meter bracket (need AD-1420 for a ball at the end)(pg.9)	\$20.95
O-rings	O-rings for ball (2-209 buna) Pack of 25	\$4.00
O-rings	O-rings for ball (2-209 buna) Pack of 100	\$10.00
AC-ARM	Hardware to mount AD-1420 or AC-IK to the middle of an Ultralight arm for spotting lights or flash meters (photo below)	\$4.00

### AC-IF IKELITE FLASH METER BRACKET

The bracket has a 1/4-20 threaded hole to attach a ball adapter to. It can be used in a triple clamp, or with a double clamp and another adapter. See photo to right, can be mounted to middle of arm



### AC-ARM

Hardware to mount a ball to your Ultralight arm. Can be mounted in any of the triangle cut outs of the arm. AC-IF can be mounted to any place on the arm

## MORE ACCESSORY PHOTOS



### AC-TRI TRIPOD CLAMP

Shown Ultralight arms for legs. (Our triple clamp with cutouts for the arms. 1/4" bolt for attaching to a tripod socket.



### AC-FB Mounting plate

For use on housing handles, pictured here with a universal ball adapter, you then need a clamp and universal spotting light adapter



### AC-SLQ SPOTTING LIGHT ADAPTER

For two Underwater Kinetics mini Q-40's



### AC-FB Mounting plate

Numerous sizes with different size holes for mounting different adapters. (3/8 to 1/4, 1/4 to 1/4)



### AC-USLm UNIVERSAL SPOTTING LIGHT ADAPTER MINI SIZE

This adapters holds one "AA" flashlight like this mini-C. Comes with a piece of rubber to put on flashlight. Mounting instructions, see **USL** below



### AC-USL UNIVERSAL SPOTTING LIGHT ADAPTER

For use with most 4 C-cell flashlights. Comes with two pieces of rubber to put on flashlight to keep light from rocking in base. Mounting instructions: Can be attached with a clamp and base adaptor to top of housing, to top of wrist support, to the hot shoe adaptor or in an arm set with a triple clamp, or in the middle of a Ultralight arm with a AC-ARM



### AD-HS - HOT SHOE ADAPTER

Fits in the shoe of the Nikonos V, RS, Motor Marine and Sea and Sea housings for attachment of a clamp and a spotting light adaptor. *ULTRALIGHT is not responsible for any damage caused to camera's hot shoes as a result of using one of these adapters. No damage should occur under ordinary circumstances; but if camera is dropped or something heavy is dropped on light adaptor, damage could result to the camera hot shoe.*



### BA-PR - PORT RING ADAPTER

attaches to the Nexus port ring to allow strobes to be attached



### AC-IK IKELITE MINI-C ADAPTER

For use with Mini-C flashlights for spotting. Can be attached with a clamp and base adaptor to top of a housing, to top of wrist support, to the hot shoe adaptor or in an arm set with a triple clamp



### AC-SEKB SEKONIC LIGHT METER BRACKET

Mounts with any 1/4" bolt to any tray or pivot

### AC-SEK

### LIGHT METER CLAMP

Replaces a regular clamp on any length arm set

## PARTS CARE AND MAINTENANCE

Treat Ultralight parts just like your other underwater photo equipment. After every dive the best thing to do is thoroughly rinse everything in fresh water if possible. You can wash Ultralight products in hot soapy water to remove the grit and grime that builds up. There are a couple of products on the market that help remove salt build up. You can find these at your local dive store. If you use vinegar in the water, the finish may dull; but you have not hurt our products.

### PERIODIC MAINTENANCE:

**NUTS, BOLTS, AND SCREWS.** Whenever you have two dissimilar metals in contact with each other you will have electrolysis. This is what happens in the case of aluminum and stainless steel. The aluminum becomes etched away and the nuts and bolts tend to freeze, making it difficult or impossible to remove them. We have found that wrapping the threads of screws and bolts with **Teflon plumber's tape**, found at your local hardware store, reduces electrolysis and removal of the screw, nut, or bolt a lot easier. If you are looking at the thread end make a couple of turns of Teflon tape in a clockwise direction, while stretching it slightly. Also it is best to remove all stainless steel nuts, bolts, screws, etc. periodically to clean the threads and keep them from freezing up. A good soaking is a good idea after a long dive trip, then a tooth brush for anodized parts and a wire brush for the stainless parts.

**PIVOTS.** The only thing you need to do for pivot maintenance is keep it clean and occasionally lubricate it. To do this remove the two phillips screws that hold the camera pivot base to the back, remove the large white nylon washer. Clean out the inside and lubricate with silicone grease, wire brush the threads on the screws, grease the large washer and screw the pivot base back on.

**CLAMPS.** If you remove the clamp T-knob, clean the threads of the stainless bolt with a wire brush. You will not be able to remove the stainless bolt from the clamp half. It is glued in. Place a small amount of silicone grease on the ends of the threads before you put the T-knob back on.

Remember, if you keep Ultralight parts clean and lubricated they will give you years of service and happy picture taking.

The o-rings in the ball ends do not need to be replaced just because they are cracked. We suggest that you replace them when they start to loose pieces out of them. Contact your local dealer for replacements or go to a store that sells o-rings and purchase Buna type # 2-209.

### WHAT OUR CUSTOMERS SAY

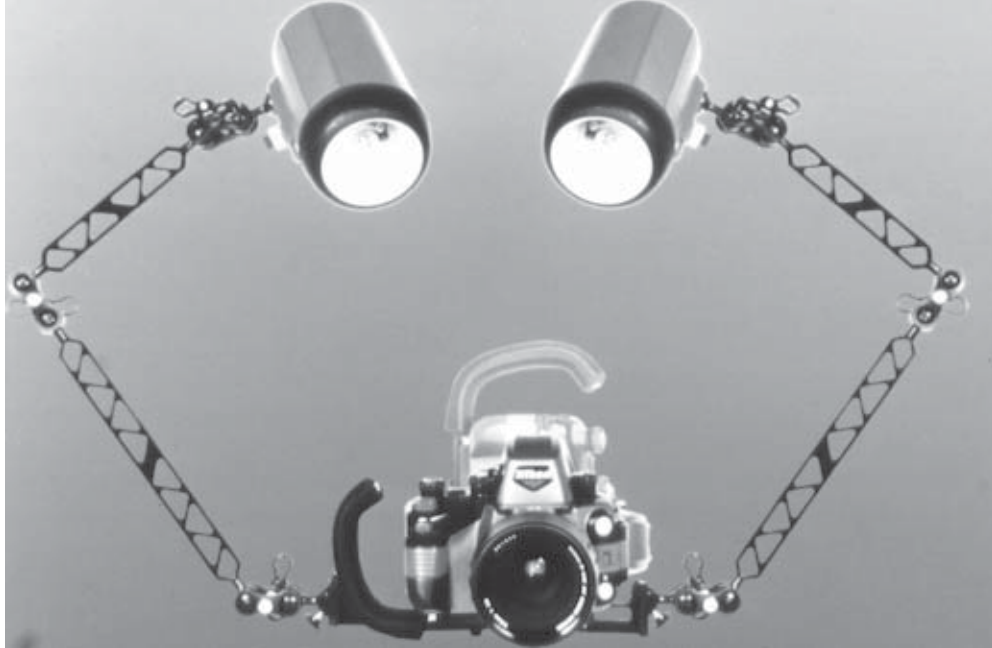
"Your wonderful arms have solved all of my strobe arm problems. They are easy to move for creative lighting, yet stay steady in the water. The large knobs are easy to adjust, and the buoyancy arms allow me to hold my heavy systems even with a sore shoulder. Nothing else comes close to what your arms accomplish." **CATHY CHURCH**

"I have tried many systems to carry my underwater strobes and only the one from **UltraLight** has performed reliably for me in all conditions. It has proven to be light, easy to control and provides me with a lock on the positioning of the strobes." **AMOS NACHOUM.**

"Most strobe arm systems are rigid and as a result permit almost no strobe repositioning. The solution is a modular strobe arm support system that allows you to reposition the strobes at will. The UltraLight strobe arms are light and my preference is for the buoyancy arms. The camera pivot allows me to switch INSTANTLY from a horizontal to a vertical composition. It seems strange to me that although there is no doubt that in photography "light" and "direction of light" are perhaps the most crucial parameters to a good photo, most underwater photographers seem to pay little attention to the versatility of their strobe arm positioning." **CONSTANTINOS PETRINOS**

# ULTRALIGHT

CONTROL SYSTEMS



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**ULTRALIGHT**



NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

Catalog date: Oct. 2003  
Prices subject to change  
without notice

COUNTRY \_\_\_\_\_