

OCEAN TECHNOLOGY SYSTEMS

2024



Sport • Search & Rescue • Commercial



Military • Scientific • Film • Government

*Innovative Solutions for Underwater Communications*

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## OCEAN TECHNOLOGY SYSTEMS THE AMERICAN DREAM

In 1984, Mike Pelissier and Jerry Peck had a dream—design the best underwater communications on the market. With drive and determination, the two men started building what was to become a worldwide brand from their garage. With Jerry's engineering design background and Mike's Navy Diver and sales experience, the two partners were a dynamic duo. As the company grew Mike and Jerry's goal was to always take care of the customer providing the highest quality products at a fair price.

OTS is now the leader and trusted choice for underwater communications in the industry. Militaries, professional dive teams, recreational divers, scientific divers, government agencies as well as Film & TV productions around the world have made OTS their go to for their underwater communication needs.

With over 30 years as experts in underwater communications, OTS has continued to grow and thrive creating new products and fulfilling the needs of market demands. The OTS product line covers underwater communications for all applications as well as full face masks. Today OTS continues to be family owned and operated and the mission remains the same, to provide innovative solutions for underwater communications and serving their customers worldwide.

*Michael Pelissier & Jerry Peck*

- Owners



*"We invite you to  
join the ranks of  
many elite and  
satisfied customers  
in the US and  
abroad who allow  
us to serve them."*

The OTS product line covers everything state-of-the-art wireless underwater and hardwire communications as well as full face masks.



## **COMFORT, STYLE, FIT, AND FUNCTION**

OTS Full Face Masks' (FFM) are second to none in comfort, style, fit, and function. We offer an excellent field of vision and have designed our masks with the most user friendly features. Whether you are a working diver that wants to enhance safety and efficiency during an important mission or a sport diver looking to take your diving experience to the next level, we are confident we have the FFM for you!

# THE GUARDIAN FULL FACE MASK

With the Guardian Full Face Mask (GFFM) we designed a Full Face Mask (FFM) that we felt encompassed what was missing with other FFM's on the market. We wanted to create a product durable and rugged with all inclusive features such as a built in Ambient Breathing Valve® (ABV) to conserve tank air, an easily removable second stage regulator, superb field of vision and a self-defogging system.

We also wanted to ensure that fit and function were at the forefront of the design. The Guardian FFM eliminates the need for a bite mouthpiece which curbs dry mouth and eliminates jaw fatigue.

Our comfortable no leak double seal allows for more faces to fit our standard design than any other mask on the market. Safety of the diver is greatly enhanced by the addition of communications and respiratory protection. The Guardian FFM's side draft, low profile second stage regulator provides more consistent breathing performance and the rear exhaust reduces bubbles in your field of view. Throw in a customizable equalizing block to allow for easy clearing of your ears and we have all your bases covered.

The GFFM is the premier choice for any diver looking for durability, luxury, and an easy to use product.



## MASK FEATURES



### REMOVABLE 2ND STAGE REGULATOR

Our one touch regulator quick release allows easy removal of the 2nd stage regulator for a no fuss user experience and streamlined gear maintenance.



### DOUBLE FACE SEAL

Our soft yet durable no leak double seal allows for a one size design fitting more faces than any other mask on the market.



### AMBIENT BREATHING VALVE (ABV®)

The ABV® allows the user to conserve tank air while at the surface by simply rotating the ABV open.



### QUICK DISCONNECT ASSEMBLY

The internal quick disconnect assembly allows a user to quickly detach their regulator from the mask, eliminating the need for a hose QD.



### 5 POINT HEAD HARNESS

A 5 point head harness ensures the diver has a secure fit of the mask to their face and eliminates the likelihood of the mask unintentionally coming off.



### SELF-DEFOGGING AIRFLOW SYSTEM

Our self-defogging airflow system ensures the Guardian FFM stays fog free throughout your entire dive, every time.

## MULTIPLE COLOR OPTIONS AVAILABLE!



Part Number: 920001-001  
Black/Black



Part Number: 920001-011  
Black/Blue



Part Number: 920001-201  
Black/Yellow



Part Number: 920001-101  
Blue/Black



Part Number: 920001-031  
Black/Pink



Part Number: 920001-021  
Black/Red

# SPECTRUM FULL FACE MASK



## BUILT FOR EVERYONE

With the design challenge in mind to cover a wider “spectrum” of divers, we wanted to create a Full Face Mask (FFM) that put the price control in the hands of the user without sacrificing design, look, or function. The Spectrum Full Face Mask (FFM) serves as the most customizable FFM with the best price on the market allowing you to decide which features you’ll pay for.

The Spectrum FFM’s soft flexible material feels like a dream in comfort. Its lightweight design makes traveling with a FFM easier and more cost effective than ever before. Unlike most other FFMs, the Spectrum offers a pinch-your-nose equalization method ensuring that those new to FFM diving have a familiar experience. The Spectrum FFM also allows you to use most any second stage regulator ensuring you don’t have

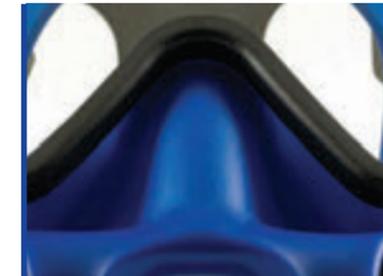
to give up your favorite regulator while diving a Full Face Mask.

With add on options such as the Ambient Breathing Valve® (ABV) to conserve air at the surface, mounts/brackets for adding cameras or lights, and communications to stay connected, you now have the option to build your mask how you want it or stick with the bare necessities.



### USE YOUR OWN REG

Don’t be forced to give up your favorite regulator while using a Full Face Mask (FFM). The Spectrum FFM allows you to use most modern standard second stage regulators with easy installation and removal.



### EASY EQUALIZATION

Equalizing is a breeze with The Spectrum FFM’s pinch-your-nose method. There are no assemblies or adjustments to make. Just pinch-your-nose and go!



### COMMUNICATIONS COMPATIBILITY

Use any of our easy to install wireless or hardwire communications with our Spectrum FFM to stay connected while you dive.

*\*Guardian communications are interchangeable.*

## MULTIPLE COLOR OPTIONS AVAILABLE!



Part Number:  
920036-000  
Black Skirt/  
Clear Lens



Part Number:  
920036-100  
Black Skirt/  
Coated Lens



Part Number:  
920036-110  
Blue Skirt/  
Coated Lens



Part Number:  
920036-010  
Blue Skirt/  
Clear Lens

# FULL FACE MASK SPARE PARTS

PART NUMBER	DESCRIPTION
910385-000	Guardian FFM Equalizing Pad Kit
875003-000	Guardian FFM Equalizing Wire Stand (Short) .65"
875003-002	Guardian FFM Equalizing Wire Stand (Standard) .95"
875003-001	Guardian FFM Equalizing Wire Stand (Long) 1.25"
875003-003	Guardian FFM Equalizing Wire Stand (X-Long) 1.37"
872006-000	Guardian FFM / Spectrum FFM Head Harness
282035-000	Guardian FFM One Way Valves
282035-001	Guardian FFM One Way Valves (12 Pack)
872004-000	Guardian FFM One Way Valve Holders
876001-000	Guardian / Spectrum FFM Comm Port Plug
246025-001	Guardian / Spectrum FFM Comm Port Nut
879108-000	Spectrum FFM Inner Frame
137053-000	Comm Port Wrench for Guardian / Spectrum
879114-000	Spectrum FFM Replacement Lens (Clear)
879114-001	Spectrum FFM Replacement Lens (Coated)



## CREATE YOUR SETUP

Our extensive collection of accessories are great additions to your Full Face Mask whether you are using the tough Guardian Full Face Mask or the innovative Spectrum Full Face Mask. Need extra light while diving at night or want to capture your dive by adding a camera to your mask? How about both? We got you covered.

## ACCESSORIES



### GFFM RAIL SYSTEM WITH SOLA 800 / 1200

The GFFM Accessory Rail System easily attaches to the Guardian Full Face Mask and makes it possible to mount various devices to the sides of the mask including a SOLA 800/1200 light. The quick disconnect feature allows surface support to quickly exchange or replace devices as the mission dictates without removing the mask from the diver, or the diver from the water. Can be mounted on either side of the mask.

SOLA 800 Part Number: 920022-000 SOLA 1200 Part Number: 920023-000



### GFFM RAIL SYSTEM WITH UNIVERSAL LIGHT BRACKET

The Accessory Rail System with Universal Light Bracket allows virtually any light to be mounted to the Guardian Full Face Mask. One rail may be used or two may be mounted (one on each side). The attachment method does not interfere with ABV® (Ambient Breathing Valve).

Part Number: 920013-000



### GOPRO® / LIGHT COMBO MOUNT COMPATIBLE WITH GFFM RAIL SYSTEM / SPECTRUM BRACKET

Adding this Innodive mount to a Rail System Slide allows you to mount a GoPro® camera and a light on the same slide. This will work with Universal Slide, Inodive Light, as well as Light & Motion SOLA Lights (Requires SOLA Mount Slide & D-Ring Kit).

Part Number: 920038-000



### SPECTRUM ABV®

The OTS Spectrum Ambient Breathing Valve allows a diver to conserve tank air by simply opening the valve on the mask! This is a great addition for any diver who waits for their dive buddy to finish getting ready or hanging out on the surface after a dive!

Part Number: 879110-000

## ACCESSORIES



### SPECTRUM CAMERA MOUNT

The OTS Spectrum Camera mount allows for quickly mounting a GoPro® or similar type camera! It is easily attached to the top frame of the mask via a single screw allowing a diver to record video hands-free during a dive!

Part Number: 879201-000



### SPECTRUM MOUNTING BRACKET WITH RAIL

The Spectrum Mounting Bracket with Rail now allows the capability of using the same slides and accessories as the Guardian FFM rail system! This allows more fine tuning the placement of accessories and makes installing and removing even easier.

Mounting Bracket with Rail Part Number: 920045-000

Rail (Alone) Part Number: 920044-000

Mounting Bracket with Universal Mount (does not include Rail)  
Part Number: 920039-000



### GUARDIAN FFM EYE WEAR KIT

Add your prescription lenses to wire frames in your OTS Guardian FFM. Enjoy a clear view underwater with securely mounted, custom engineered and field-tested prescription ready eye gear.

Part Number: 920033-000



### 360° SWIVELS / 90° ELBOWS & QUICK DISCONNECTS

The Omniswivel 360 degree swivels and 90 degree elbows allows free range of motion & better low pressure hose routing. The Quick Disconnect allows a user to quickly disconnect a hose from their FFM. All items fit the Guardian Full Face Mask / Spectrum Full Face Mask & all standard 2nd stage regulators.

360 Swivel Part Number: 530014-000 (GFFM) / SR-109AGA (AGA)

90 Elbow Part Number: 137052-000

LP Hose Quick Disconnect Part Number: 530021-000

# ACCESSORIES



## GAS MANIFOLD BLOCK

The Gas Manifold Block by Omniswivel is a 3 position allowing users to switch from a primary air source to a secondary air source or turning off both completely.

*Part Number : 530025-000*



## GUARDIAN FFM RAIL AND SLIDE WITH SOLA MOUNT

The Guardian Rail with SOLA mount allows users to install a SOLA 800/1200 light to their Guardian or Spectrum Full Face Mask. Does not include SOLA Light.

*Part Number: 920024-000*



## GUARDIAN FFM RAIL AND SLIDE WITH INNODIVE LIGHT

The Guardian FFM Rail and Slide with Innodive light provides additional lighting helping to keep your focus on the task at hand. The light is rated to 300 lumens and operates off 3AA batteries.

*Part Number: 920012-000*



## EVERYTHING YOU NEED AT A GLANCE

OTS and SCUBAPRO have partnered to make accessing your dive information easier than ever before.



# SCUBAPRO GALILEO HUD COMPUTER

The Galileo HUD Dive Computer is an innovative mask-mounted, hands-free dive computer designed to keep you fully immersed in your dive, so you can experience more freedom on your dive. Featuring a virtual, floating heads-up display that uses precision near-eye optics, it keeps your essential dive information right in front of you. Using the intuitive push-wheel knob, you can quickly navigate the customizable menu without having to look away, and the screen conveniently tilts up and out of the way before or after a dive, or any time you don't need it. With the Galileo HUD, your dive data's never looked so good.

- **Mask-Mounted Dive Computer:** Offers a superior user experience by delivering easily viewable, essential dive information constantly right in front of you. Mounts available for OTS Guardian and OTS Spectrum Full Face Masks.
- **Precision Near-Eye Optics:** The micro OLED color "floating" display creates an image that makes it easy to monitor dive data without losing eye contact with your surroundings. Dive data appears at a virtual distance of approximately 1m in front of you.
- **Full Color OLED Display (96×64p):** Produces vibrant colors for maximum readability in any ambient light conditions.

- **Intuitive Single-Knob User Control:** Push wheel allows you to rotate to easily access and quickly find dive control functions. Navigate up and down to pick your choice of screen display configurations.
- **Flip Up Hinge Mechanism:** Screen conveniently tilts up and out of the way before or after a dive, or any time you don't need quick access to your dive data.
- **Selectable Dive Modes:** Pick your dive mode for your diving purpose: SCUBA, Gauge, Apnea & CCR.
- **2 Dive Algorithms:** Choose between Predictive Multi-Gas Bühlmann ZH-L16 ADT MB PMG or ZH-L16 GF for your dive.
- **Predictive Multi-Gas Dive Algorithm:** Advanced Uwaterc algorithm programs up to 8 selectable gases including Nitrox and Trimix in SCUBA mode, plus 2 set points for CCR diving. Microbubble levels and Profile Dependent Intermediate Stops (PDIS) can be incorporated into the algorithm to further personalize your dive.
- **Hoseless Air Integration:** Monitors tank pressure plus provides true remaining bottom time (RBT) based on the workload from breathing.
- **3D Full-Tilt Digital Compass:** Allows you to store 3 pre-programmed headings.

## GUARDIAN & SPECTRUM FULL FACE MASK MOUNTS

Adding a SCUBAPRO Galileo HUD to your Guardian or Spectrum Full Face Mask is easy and quick to do with our new mounts available now!

<b>SPECIFICATIONS</b>	Number of Gases	8
	Gas Compatibility	Trimix, 21-100% Nitrox
	Algorithm	ZH-L16 ADT MB PMG
	Operating Modes	Scuba, Gauge, CCR, Free Diving
	Display Type	Color
	Max Operating Depth	120 Meters
	Memory Capacity	2GB
	Depth Rating	120 Meters
	Battery Replacement Type	Rechargeable
	Number of Control Buttons	1



Guardian FFM Mount Only  
Part Number: 24.511.000



Spectrum FFM Mount Only  
Part Number: 920042-000



Heads Up Display with Transmitter  
Part Number: 05.110.200 Does Not Include FFM Mount

# EARPHONE MICROPHONE ASSEMBLIES



## PREMIER COMPONENTS FOR UNMATCHED COMMUNICATIONS

OTS' state-of-the-art Earphone / Microphone assemblies provide the best communications experience possible for both wireless and hardwire applications.



EM-OTS2

### EARPHONE / MICROPHONE ASSEMBLIES

OTS Earphone / Microphone assemblies are a vital component of a diver's communication system. These components are used with both wireless and hardwire communications and offer unmatched transmission and listening clarity.



MODEL	PART NUMBER	DESCRIPTION
EM-OTS2	910496-000	OTS Guardian & Spectrum FFM, Hot Mic, Dual Earphones, PTT Control, HiUse *New and Improved Design* (Replaces p/n 910369-000)
EM-OTS2-SM	910379-000	OTS Guardian & Spectrum FFM, Super Mic, Dual Earphones, PTT Control, HiUse
EM-OTS2-AQUA	910369-006	OTS Guardian & Spectrum FFM, Hot Mic, Dual Earphones, HiUse, Strain Relief, NO PTT - Hardwire Only
EM-OTS2-MM	910496-001	OTS Guardian & Spectrum FFM, Hot Mic, Dual Earphones, PTT Control, Male Marsh Marine Connector
EMA-2	910497-000	Interspiro AGA FFM, Hot Mic, Dual Earphones, PTT Control, HiUse *New and improved design* (Replaces p/n 911060-001)
EMA-2SM	911060-098	Interspiro AGA FFM, Super Mic, Dual Earphones, PTT Control, HiUse
EMA-2MM	911060-044	Interspiro AGA FFM, Hot Mic, Dual Earphones, PTT Control, Male Marsh Marine Connector
EMD-2	911060-146	Kirby Morgan M-48, Hot Mic, Dual Earphones, PTT Control, HiUse
EMD-2SM	911060-148	Kirby Morgan M-48, Super Mic, Dual Earphones, PTT Control, HiUse
EMDG-2SM	911060-105	Draeger Panorama FFM, Super Mic, Dual Earphones, PTT Control, HiUse

# MILITARY ONLY: EARPHONE MICROPHONE ASSEMBLIES



EMA-MK24-SM



EM-SW1-SM



EP-45-MM

MODEL	PART NUMBER	DESCRIPTION
BP-44MM	900080-002	BP-44MM, Earphone Assembly, 4-PIN Male Marsh Marine, 4Pin AMP Connection for Microphone
EMA-MK24-SM	910279-001	Earphone/Mic. Assembly Set Up for the MK-24 and SW-1000-SC w/Super Mic
EM-SW1-SM	910274-001	Earphone/Mic. Assembly Set Up for AGA FFM w/Super Mic
EP-45-MM	910516-000	Earphone/Mic. Assembly Set Up for AGA FFM, 90 Elbow with Added Strain Relief, Potted Joints, and Braided Heavy Duty Pigtail, Marsh Marine Connector, Single Earphone
EP-45-MM Bone Phone	910516-001	Earphone/Mic. Assembly Set Up for AGA FFM, 90 Elbow with Added Strain Relief, Potted Joints, and Braided Heavy Duty Pigtail, Marsh Marine Connector, Single Bone Phone

## SPARE PARTS



MODEL	PART NUMBER	DESCRIPTION
EHA-1	115014-000	Earphone Holder. Designed to Hold OTS Earphone & EMA-2's. (Sold Individually)



## NEXT GENERATION OF WIRELESS COMMUNICATIONS

More Power. More Range. More Reliability.

The PowerCom and MilCom line takes wireless communication performance to the next level for all your professional diving needs.



# WIRELESS DIVER UNITS



**POWER COM**  
3000D



**POWER COM**  
5000D



**MIL COM**  
6000D

SPECIFICATIONS	P/N: 900471-000	P/N: 900472-000	P/N: 900473-000
Range*	3000 Meters	5000 Meters	6000 Meters
Output Power	25 Watts	35 Watts	70 Watts
Transmit Activation	Push-To-Talk & VOX	Push-To-Talk & VOX	Push-To-Talk
Transmitter Band	31 - 33 KHz	25 - 33 KHz	25 - 33 KHz
Number of Channels	4 Channels	8 Channels	2 Channels
Battery Type	Rechargeable Lithium-Ion	Rechargeable Lithium-Ion	Rechargeable Lithium-Ion
Battery Life**	14 Hours	14 Hours	14 Hours
Housing	Injection-Molded Polycarbonate	Injection-Molded Polycarbonate	Injection-Molded Polycarbonate
Housing Dimensions	Height: 7" Width: 4.2", Depth: 2.65"	Height: 7" Width: 4.2", Depth: 2.65"	Height: 7" Width: 4.2", Depth: 2.65"
Max Depth	300 Feet	300 Feet	300 Feet
Operating Temperature	0°C to 60°C (32°F to 140°F)	0°C to 60°C (32°F to 140°F)	0°C to 60°C (32°F to 140°F)
Low Battery Indicator	Blinking Red LED and Audio Indicator	Blinking Red LED and Audio Indicator	Blinking Red LED and Audio Indicator

# WIRELESS SURFACE STATIONS



**POWER COM**  
3000S



**POWER COM**  
5000S



**MIL COM**  
6000S

SPECIFICATIONS	P/N: 900476-000	P/N: 900477-000	P/N: 900478-000
Range*	3000 Meters	5000 Meters	6000 Meters
Output Power	25 Watts	35 Watts	70 Watts
Transmit Activation	Push-To-Talk	Push-To-Talk	Push-To-Talk
Transmitter Band	31 - 33 KHz	25 - 33 KHz	25 - 33 KHz
Number of Channels	4 Channels	8 Channels	2 Channels
Battery Type	Rechargeable Lithium-Ion	Rechargeable Lithium-Ion	Rechargeable Lithium-Ion
Battery Life**	16 Hours	33 Hours	26 Hours
Housing	Polyethylene	Polyethylene	Polyethylene
Housing Dimensions	Height: 5.5" Width: 14", Depth: 10"	Height: 5.5" Width: 14", Depth: 10"	Height: 5.5" Width: 14", Depth: 10"
Operating Temperature	0°C to 60°C (32°F to 140°F)	0°C to 60°C (32°F to 140°F)	0°C to 60°C (32°F to 140°F)
Low Battery Indicator	Multi-Color LED and Audio Indicator	Multi-Color LED and Audio Indicator	Multi-Color LED and Audio Indicator
Weight	9.2 Pounds	9.8 Pounds	9.8 Pounds
Microphone / Headset	Handheld Mic Included	Handheld Mic Included	Handheld Mic and Headset Included
Included Backpack	Yes	Yes	Yes



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range. \*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.



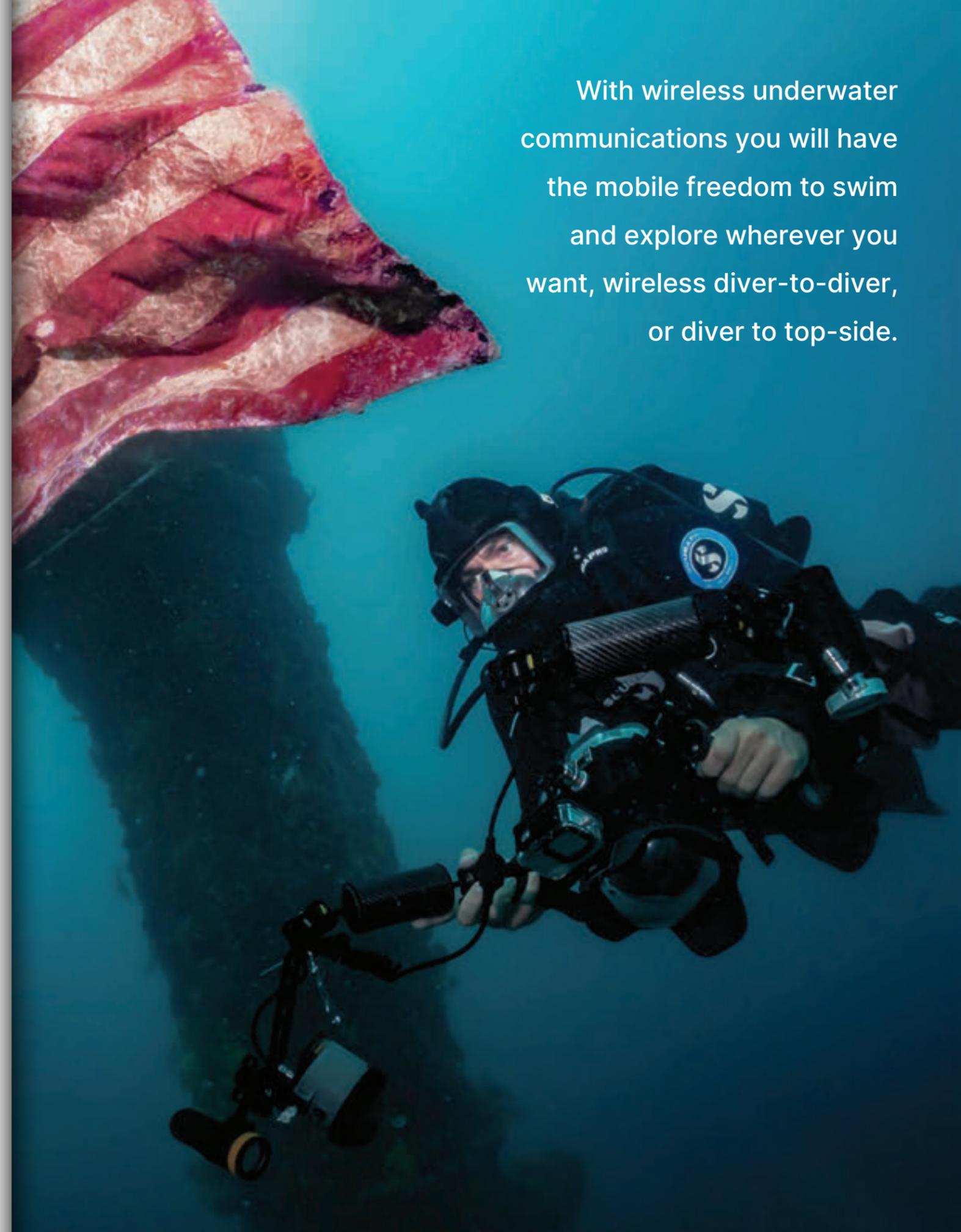
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\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range. \*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# WIRELESS SPARE PARTS

PART NUMBER	DESCRIPTION
900474-000	RBLI-4, Lithium Battery Kit
900474-001	AD8PMHI17, 8-Pin to Hi-Use Cable Kit
900474-002	Rubber Armored Base Assembly Kit
900474-003	Belt Clip Kit
900474-012	TA-5 Transducer Kit for PowerCom 3000D/5000D/3000S/5000S
900474-004	TA-6 Transducer Kit for MilCom 6000D/6000H
900474-005	RCLI-1 Battery Charger Kit, US
900474-006	RCLI-1 Battery Charger Kit, EU
900474-007	RCLI-1 Battery Charger Kit, U.K.
900474-008	RCLI-1 Battery Charger Kit, Australia
900474-009	PowerCom/MilCom D O-Ring Kit
900474-010	Transducer O-Ring Kit
914125-000	Replacement Curly Cord Adapter Cable for 6000H Hybrid Unit
900479-000	PowerCom/MilCom Headset
910514-000	PowerCom/MilCom Hand Held Mic
900481-017	Replacement Kickstand / Handle for PowerCom/MilCom Surface Station
900481-007	Replacement Cage for PowerCom/MilCom Surface Station Transducer
900481-022	PowerCom Whiteboard / Instruction Board
900481-023	MilCom Whiteboard / Instruction Board

With wireless underwater communications you will have the mobile freedom to swim and explore wherever you want, wireless diver-to-diver, or diver to top-side.



# SPORT / RECREATIONAL



## BUDDY PHONE D2 2-CHANNEL WIRELESS DIVER UNIT

Using state-of-the-art technology, the Buddy Phone® D2 is the perfect wireless communications in a compact, affordable platform. It includes .5 watts of power and a voice menu via it's push-to-talk button to control channel, volume, continuous transmit, and a patented studio quality microphone. Contact OTS for other Buddy Phone options.  
GFFM Part Number: 900463-000  
AGA Part Number: 900408-002



## RX-100 1-CHANNEL RECEIVE ONLY UNIT

The RX-100 Buddy Phone® Receive Only unit is a wireless listening device that easily mounts to all dive masks allowing for any diver to hear communications underwater. Eliminating the need to transmit, this product is perfect for instruction, classes, or guided tours.  
Channel A (32.768 kHz)  
Part Number: 900408-019  
Channel B (31.25 kHz)  
Part Number: 900408-020



## SP-100D2 2-CHANNEL WIRELESS SURFACE STATION

The SP-100D2 is a compact lightweight battery operated two channel surface station easy to operate from a boat or shore. It includes a handheld microphone and 35' transducer cable and its .5 watt of power can communicate with all wireless products on the same channel and within range.  
Part Number: 900402-000

MODEL	PART NUMBER	DESCRIPTION
ME-16R	912086-000	ME-16R Hot Mic, Microphone Element. 150 ohm, Floodable, Noise Canceling. (Note: Mounts to Brass Lugs that are Pre-Installed On Your Mic. Wires - Legacy Products)
ME-150	900470-000	ME-150 Microphone Element. 150 ohm, Floodable, Noise Canceling. (Note: Comes Standard On Most of Our Newer Ear/Mic Assemblies Mic. Wires Insert Into Bottom of Microphone and Get Screwed Down)
HHM-3	110025-000	Hand Held Mic. (Comes Standard with SP-100D Surface Station)
THB-14	900298-015	Headset, Deluxe with Boom Mic. For Use with SP-100D or Modified SP-100
TCA-35	912077-000	Transducer Assembly Cable for SP100D & STX-101
SPAR-2B	900182-007	Spare Part Kit, for Buddy Phones. 1 O-Ring & 1 Battery Cap (Black)

# COMPARISON



SPECIFICATIONS	BUDDY PHONE D2 DIVER UNIT	RX-100-D2 DIVER UNIT	SP-100D-2 SURFACE STATION
Channels / Frequencies	Ch.1 32.768 kHz USB Ch.4 31.250 kHz LSB	Ch.1 32.768 kHz USB OR Ch.4 31.250 kHz LSB	Ch.1 32.768 kHz USB Ch.4 31.250 kHz LSB
Output Power	0.5 Watts PEP	N/A	0.5 Watts PEP
Range*	50m - 500m	Dependent on Transceiver Used	50m - 500m
Transducer	Piezoelectric	Piezoelectric	Piezoelectric
Transmit Control	Push-To-Talk, Optional Continuous Transmit	N/A	Manual Activation (Push-To-Talk)
Microphone/ Speakers / Earphone	Microphone / Earphone Assembly Integrated Unit	Earphone Assembly Integrated Unit	Handheld Mic (Included), THB-14 Headset w/ Boom Mic (Optional)
Rec Out / Auxiliary Speaker	No / No	No / No	Yes / No
Battery Type	Alkaline 9-Volt (type #522) or Lithium 9-Volt Cell (Batteries Not Included)	Alkaline 9-Volt (type #522) or Lithium 9-Volt Cell (Batteries Not Included)	16 AA Batteries (Batteries Not Included)
Battery Life**	~ 4.5 Hours	~ 5 Hours	~ 20 Hours
Low Battery Indicator	Voice Alert	Tone Alert	Tone Alert
External Power	N/A	N/A	12 VDC, Minimum of 1 Amp. Access via Mini Double Banana Plug On Front Panel
Depth Rating	130 FSW	130 FSW	35 FSW (Transducer)
Housing	Injection-Molded, High-Impact, Glass-Filled ABS Plastic	Injection-Molded, High-Impact, Glass-Filled ABS Plastic	Underwater Kinetics 309, ABS, Heavy Duty
Dimensions (H x W x D) / Weight	Height: 5.18" Width: 3.5" Depth: 2.0" Weight: 8.1 oz	Height: 5.18" Width: 3.5" Depth: 2.0" Weight: 8.1 oz	Height: 7.85" Width: 9.0" Depth: 3.7" Weight: 2.5 lbs



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range. \*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# PUBLIC SAFETY / PROFESSIONAL

# COMPARISON



## POWERCOM 3000D

### 4-CHANNEL WIRELESS DIVER UNIT

The PowerCom 3000D delivers 25 watts of power and was designed with professional Search & Rescue teams! With new features like an included lithium-ion battery and charger, scrambler mode, extra loud volume, and improved cable strain reliefs, to name a few, the PowerCom 3000D builds upon our legendary communications. Compatible with CDK-6. See page 30.

Part Number: 900471-000



## POWERCOM 5000D

### 8-CHANNEL WIRELESS DIVER UNIT

The PowerCom 5000D delivers 35 watts of power and was designed for professional Search & Rescue teams who need the best! With new features like an included lithium-ion battery and charger, scrambler mode, extra high volume, an easy to navigate voice menu system, and improved cable strain reliefs, the PowerCom 5000D delivers what professionals need. Compatible with CDK-6. See page 30.

Part Number: 900472-000



## POWERCOM 3000S

### 4-CHANNEL SURFACE STATION

The PowerCom® 3000S surface transceiver is a 25 watt, 4 channel, wireless surface station designed with Search & Rescue teams and professional divers in mind. The PowerCom 3000S offers four channels that match the PowerCom 3000D and includes a handheld microphone, transducer, battery, charger and custom backpack.

Part Number: 900476-000



## POWERCOM 5000S

### 8-CHANNEL SURFACE STATION

The PowerCom® 5000S transceiver is a 35 watt, 8-channel wireless surface station designed to meet the demanding profile of the professional diver. It operates with virtually all OTS Wireless communications. Includes handheld microphone, transducer, 2 batteries, charger and custom backpack.

Part Number: 900477-000



SPECIFICATIONS	POWERCOM 3000D DIVER UNIT	POWERCOM 5000D DIVER UNIT	POWERCOM 3000S SURFACE STATION	POWERCOM 5000S SURFACE STATION
<b>Channels / Frequencies</b>	Ch 1: 32.768 kHz USB Ch 2: 32.768 kHz LSB Ch 3: 31.250 kHz USB Ch 4: 31.250 kHz LSB	Ch.1 : 32.768 kHz USB Ch.2 : 32.768 kHz LSB Ch.3 : 31.250 kHz USB Ch.4 : 31.250 kHz LSB Ch.5 : 28.500 kHz USB Ch.6 : 28.500 kHz LSB Ch.7 : 25.000 kHz USB Ch.8 : 25.000 kHz LSB	Ch 1: 32.768 kHz USB Ch 2: 32.768 kHz LSB Ch 3: 31.250 kHz USB Ch 4: 31.250 kHz LSB	Ch.1 : 32.768 kHz USB Ch.2 : 32.768 kHz LSB Ch.3 : 31.250 kHz USB Ch.4 : 31.250 kHz LSB Ch.5 : 28.500 kHz USB Ch.6 : 28.500 kHz LSB Ch.7 : 25.000 kHz USB Ch.8 : 25.000 kHz LSB
<b>Output Power</b>	25 Watts PEP	35 Watts PEP	25 Watts PEP	35 Watts PEP
<b>Range*</b>	3000m	5000m	3000m	5000m
<b>Transducer</b>	Piezoelectric	Piezoelectric	Piezoelectric	Piezoelectric
<b>Transmit Control</b>	Voice-Operated Transmit (VOX) and Manual Activation (Push-To-Talk)	N/A	Manual Activation (Push-To-Talk)	Manual Activation (Push-To-Talk)
<b>Microphone/ Speakers / Earphone</b>	Ear / Mic Assembly Via Hi-Use Connector (Purchased Separately)	Ear / Mic Assembly Via Hi-Use Connector (Purchased Separately)	Handheld Mic (Included), Headset w/ Boom Mic (Optional)	Handheld Mic (Included), Headset w/ Boom Mic (Optional)
<b>Rec Out / Auxiliary Speaker</b>	No / No	No / No	Yes / No	Yes / No
<b>Battery Type</b>	Rechargeable Lithium-Ion (Included)	Rechargeable Lithium-Ion (Included)	Rechargeable Lithium-Ion (Included)	2 Rechargeable Lithium-Ion (Included)
<b>Battery Life**</b>	~ 14 hours	~ 14 hours	~ 16 hours	~ 33 hours
<b>Low Battery Indicator</b>	Blinking Red LED & Audio Indicator	Blinking Red LED & Audio Indicator	Tone Alert	Multi-Color LED & Audio Indicator
<b>External Power</b>	N/A	N/A	12 VDC, Minimum of 1 Amp. Access via Mini Double Banana Plug On Front Panel	12 VDC, Minimum of 1 Amp. Access via Mini Double Banana Plug On Front Panel
<b>Depth Rating</b>	300 FSW	300 FSW	35 FSW (Transducer)	35 FSW (Transducer)
<b>Housing</b>	Injection-Molded Polycarbonate	Injection-Molded Polycarbonate	Polyethylene	Polyethylene
<b>Dimensions (H x W x D) / Weight</b>	Height: 7" Width: 4.2" Depth: 2.65" Weight: 3.5 lbs	Height: 7" Width: 4.2" Depth: 2.65" Weight: 3.5 lbs	Height: 5.50" Width: 14.00" Depth: 10.00" Weight: 9.2 lbs	Height: 5.50" Width: 14.00" Depth: 10.00" Weight: 9.8 lbs



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range. \*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# PUBLIC SAFETY / PROFESSIONAL

## CDK-6

### SURFACE CONVERSION KIT

The CDK-6 Surface Accessory Kit converts the new PowerCom and MilCom series diver units into a portable surface station. After a quick and easy installation, you can talk to divers within range and on the same channel. The Kit contains a deluxe headset w/boom microphone (THB-13) and a 55' transducer cable (TC-35S).

Part Number: 900015-007



## RCLI-7 MULTI-CHARGER

The NEW RCLI-7 Multi-Charger allows users to charge up to 6 PowerCom and/or MilCom Diver Units and a single surface station simultaneously saving the need for multiple chargers and freeing up wall outlet space.

Part Number: 900482-000

Replacement Whiteboard / Instruction Board

Part Number: 910531-000



## DIVER UNIT POUCH

The Diver Unit Pouch allows users even more flexibility when it comes to mounting their Diver Units by the use of strong and durable MOLLE webbing. Side pouches on each side of the pouch allow storage of MilCom coil-cords when unused.

Part Number: 200038-000



## COMMUNICATIONS BACKPACK

The OTS Communications Backpack make organizing and transporting your communications easy! Velcro backing and dividers allow the backpack various options to store a PowerCom/MilCom Surface Station with accessories as well as up to 4 Diver Units. The durable side mesh pocket allows ample airflow to allow transducers to be stored when wet.

Part Number: 900481-014



# BELL UNITS / SPECIAL APPLICATIONS



## BELL-200

### DIVING BELL UNIT

Primarily used in diving bells or confined spaces, the Bell-200 is designed to meet the rugged demands of commercial, scientific, and military diving. Although compact in design, the Bell-200 packs a punch. It puts out 70 watts and is set to a standard frequency of 25 kHz. Other channels are available.

Part Number: 900126-000

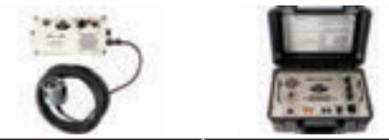


## STX-101SB

### DIVING BELL SURFACE UNIT

The Aquacom® STX-101SB is a high power surface transceiver designed to operate with the BELL 200 back-up communications system. Using a heavy-duty 35' transducer cable and transducer, the STX-101SB has 70 watts of power to ensure clear communications in virtually any condition. Includes handheld microphone.

Part Number: 900281-003



SPECIFICATIONS	BELL-200 SURFACE STATION	STX-101SB SURFACE STATION
Channels / Frequencies	25 kHz USB (Standard), Contact OTS for Additional Frequencies	25 kHz USB
Output Power	70 Watts PEP	35 Watts PEP
Range*	200 m to 6000 m	200m - 6000m
Transducer	Piezoelectric	Piezoelectric
Transmit Control	Manual Activation (Push-To-Talk)	Manual Activation (Push-To-Talk)
Microphone/ Speakers / Earphone	Optional THB-BELL Headset w/ boom Mic Via MIL-Spec Connector	Handheld Mic (Included), THB-101 Headset w/ Boom Mic (Optional)
Rec Out / Auxiliary Speaker	No / No	Yes / No
Battery Type	External 24V @ 10 Amps Power, minimum	Supplied with 2 RB-6V Rechargeable Gel Cells. Do Not Use Alkaline Batteries. (Included)
Battery Life**	N/A	~ 6 Hours
Low Battery Indicator	Tone Alert / Flashing LED	Tone Alert / Flashing LED
External Power	N/A	12 VDC, Minimum of 4 Amps. Access Via Mini Double Banana Plug On Front Panel
Depth Rating	Transducer: 2000 FSW Bell Unit : N/A (Dry Environments Only)	100 FSW (Transducer)
Housing	100 FSW (Transducer)	Injection-Molded, High-Impact, Glass-Filled ABS Plastic
Dimensions (H x W x D) / Weight	Height: 4.75" Width: 10.25" Depth: 4.40" Weight: 7 lbs	Height: 6.50" Width: 14.0" Depth: 10.60" Weight: 12 lbs

\*Range can be more or less than stated.  
\*\*Battery Life based on tests with a 10% transmit cycle.



## RELIABILITY WHEN IT COUNTS

Professionals around the world choose OTS for their underwater communication needs. We understand the importance of communications in the field, which is why quality, durability and reliability are the forefront of our design.

# MK-III DIVER BOX

The MK-III offers unprecedented performance at an affordable price! Designed for Commercial, Military and Professional divers, the MK-III has the ability to communicate with 3 divers simultaneously in loud, hard working conditions due to it's powerful speaker. The panel features a 3 diver color coded section to allow a surface tender to quickly identify and adjust volumes on the fly. The connector panels have the ability to be switched as needed, quickly and easily.

### UNLIKE ANY OTHER

Made for the most demanding environments and conditions, the MK-III 3 Diver Box offers features such as a modular connector panel and the ability to connect two boxes together for even more versatility. At an aggressive price point and loaded with features, the MK-III 3 Diver Box delivers an impressive package. When loud, intelligible hardwire communications is needed, don't compromise with any other box.



#### MODULAR CONNECTOR PANEL

A modular connector panel makes swapping topside connectors for different CommRope connectors a breeze. Options include: MS, AMP, and Banana connectors.

#### POWERFUL SPEAKER

The MK-III 3 Diver Box delivers incredible sound delivered by a powerful panel speaker, perfect for noisy environments where extreme volume is needed.

#### CONNECT 2 BOXES TOGETHER

The ability to connect two boxes together gives even greater versatility to the MK-III 3 Diver Box by allowing up to 6 divers to talk simultaneously with a surface tender.

#### AUX. INPUT FOR MUSIC & PRE-RECORDED MESSAGES

A panel mounted AUX input makes playing music or pre-recorded messages easy with a simple RCA connector.

#### ACCESSORY COMPARTMENT LID

The easy to remove lid of the MK-III doubles as an accessory storage compartment for headsets, extra batteries and other accessories.



# HARDWIRE COMMUNICATIONS

## COMMUNICATION ROPES

### NON-FLOATING STYLE

CR-4 CommRope is 100% Polyester, 7/16" static kern mantle rope designed with four specially configured wires down the center. We offer the CR-4 by the foot but also sell it complete with the connectors that suits your needs on either end. Available in standard non-floating configurations and in 2 colors: (Blue / Yellow) CommRope Bags that hold up to 200' are available for an additional purchase (does not fit floating comm rope)



Hi-Use Connector to Double Banana Connectors

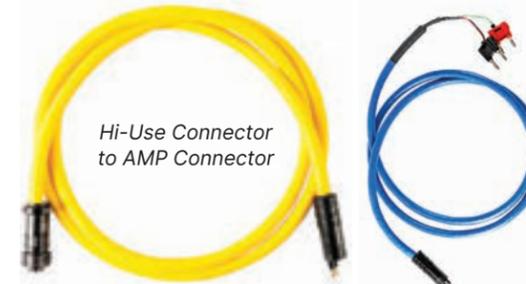
PART NUMBER (BLUE)	PART NUMBER (YELLOW)	DESCRIPTION
910073-001	910073-002	CommRope, 100% Nylon Kernmantle 10mm Rope w/4 Wires Down the Center (Sold by the Foot)
910218-100	910219-100	CommRope, 100' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910218-165	910219-165	CommRope, 165'(50m) Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910218-200	910219-200	CommRope, 200' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910218-328	910219-328	CommRope, 328'(100m) Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910216-100	910217-100	CommRope, 100' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910216-165	910217-165	CommRope, 165'(50m) Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910216-200	910217-200	CommRope, 200' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910216-100	910217-100	CommRope, 100' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910216-328	910217-328	CommRope, 328'(100m) Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910204-100	910205-100	CommRope, 100' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to 4 Pin Female Marsh Marine Connector On Diver End
910204-165	910205-165	CommRope, 165'(50m) Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to 4 Pin Female Marsh Marine Connector On Diver End
910204-200	910205-200	CommRope, 200' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to 4 Pin Female Marsh Marine Connector On Diver End
910204-328	910205-328	CommRope, 328'(100m) Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to 4 Pin Female Marsh Marine Connector On Diver End

# HARDWIRE COMMUNICATIONS

## COMMUNICATION ROPES

### FLOATING STYLE

CR-4 CommRope is 100% Polyester, 7/16" static kern mantle rope designed with four specially configured wires down the center. We offer the CR-4 by the foot but also sell it complete with the connectors that suits your needs on either end. Available in standard floating configurations and in 2 colors: (Blue / Yellow)



Hi-Use Connector to AMP Connector



Hi-Use Connector to Double Banana Connectors

PART NUMBER (BLUE)	PART NUMBER (YELLOW)	DESCRIPTION
602033-001	602033-000	Floating Comm Cable, 4/22 AWG, 14mm Rope (sold by the foot)
910486-100	910487-100	Floating Comm Cable, 100' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910486-165	910487-165	Floating Comm Cable, 165' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910486-200	910487-200	FloatingComm Cable, 200' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910218-328	910219-328	CommRope, 328'(100m) Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910486-328	910487-328	Floating Comm Cable, 328' Assembled, AMP-4M Connector Topside (for MK-7) to OTS-4P Hiuse Connector On Diver End
910488-100	910489-100	Floating Comm Cable, 100' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910488-165	910489-165	Floating Comm Cable, 165' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910488-200	910489-200	Floating Comm Cable, 200' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End
910488-328	910489-328	Floating Comm Cable, 328' Assembled, Banana Plugs Topside (for MK2-DCI or Combox) to OTS-4P Hiuse Connector On Diver End

## COMMUNICATION ROPE BAG

### FITS NON-FLOATING ROPE

This custom made CommRope bag is a must have on any dive site running Hard Wired Communications. Easy store and deploy communication rope in these durable bags. Made to fit up to 200' or 300' CommRope.

200' Bag Part Number: 200016-000

300' Bag Part Number: 200016-002



# HARDWARE COMMUNICATIONS

# HARDWARE COMMUNICATIONS



## COMBOX

### 1-DIVER STATION

A compact, self-contained one diver surface station, the ComBox allows clear 2-wire communications using a powerful 20-watt amplifier. With a rugged PTT control and "Silver Bullet" front speaker, the ComBox will deliver years of reliable service.

Part Number: 900273-002



## MK2-DCI

### 2-DIVER STATION

The versatile MK2-DCI provides one or two divers with clear communications in either 2-wire or 4-wire mode. In 4-wire mode, up to 6 divers can be 'stacked' to communicate with each other.

Part Number: 900275-000



## MK-7 BUDDYLINE

### 2-DIVER STATION

The MK-7 BuddyLine is a compact, self-contained surface station that gives clear communications in the 4-wire mode (round robin). The MK-7 was specifically designed for Search & Rescue teams to have an underwater communication device that has increased maneuverability and required minimal set-up time. Newly updated way to connect battery reducing chance of a failure.

Part Number: 900104-000



## MK-III

### 3-DIVER STATION

The MK-III Three-Diver surface station is designed to support military diving profiles. It allows two divers and a standby diver to communicate via hardwire communications in addition to the surface tender. Although designed as a 3 diver box, up to 6 divers can communicate with each other when banana plugs are 'stacked'.

Double Banana Part Number: 900464-000

AMP Part Number: 900464-002



SPECIFICATIONS	COMBOX SILVER BULLET SURFACE STATION	MK-2 DCI SURFACE STATION	MK-7 BUDDY LINE SURFACE STATION	MK-III SURFACE STATION
Mode	2 Wire Only	2 Wire Or 4 Wire	4 Wire Only	2 Wire Or 4 Wire Only
Number of Divers	1	1 - 6	1 - 2 (Can Accommodate Up To 4 with Y-Splitters)	1 - 6 (6 Divers Compatible Only with Banana Plug Model)
Transmit Control	Manual Activation (Push-To-Talk)	Topside: Push-To-Talk Diver: Hands-Free (4 Wire)	Topside: Hands-Free Diver: Hands-Free	Topside: Push-To-Talk Diver: Hands-Free (4 Wire)
Microphone, Speakers, Earphone	Microphone / Speaker Integrated Unit	Microphone / Speaker Integrated Unit	Thb-7a Headset with Boom Mic Included	Microphone / Speaker Integrated Unit Headset Sold Separately
Rec Out / Auxiliary Speaker	Yes / Yes	Yes / Yes	Yes / No	Yes / Yes
Battery Type	8 or 16 AA Alkaline Batteries or Rb-11 NiMH Rechargeable Battery Packs (Batteries Not Included)	2 Alkaline 6-Volt Batteries or 2 Rechargeable Rb-6v Gel-Cell Batteries (Batteries Not Included)	8 AA Alkaline Batteries (Batteries Not Included)	12v, 7.2ah, Lead-Acid Rechargeable Battery (Included)
Battery Life	~10 Hours	~20 Hours	~ 12 Hours	~12 Hours
Low Battery Indicator	N/A	Green / Yellow / Red Led Indicator with Tone Alert	N/A	Green / Yellow / Red Led Indicator with Tone Alert
External Power Source	12 VDC, Minimum of 3 Amps. Access Via Mini Double Banana Plug On Front Panel	12 VDC, Minimum of 1 Amp. Access Via Mini Double Banana Plug On Front Panel	N/A	12 VDC, Minimum of 3 Amps Or 90-240 V Ac, 50-60hz
Housing	ABS, Heavy Duty	Ultra-High Impact Abs	Injection-Molded, High-Impact, Glass-Filled Abs Plastic	Abs, Heavy Duty
Dimensions (H x W x D) / Weight	Height: 7.85", Width: 9.00", Depth: 3.70" Weight: 3.5 Lbs	Height: 6.5", Width: 14.0", Depth: 10.60" Weight: 14.0 Lbs	Height: 6.72", Width: 4.35", Depth: 3.0" Weight: 1.5 Lbs	Height: 10.75", Width: 16.75", Depth: 8.75" Weight: 19.5 Lbs
Additional Features	Record Out	Record Out	Aux. Output	Modular Connector Panel, Ability to Connect 2 Boxes for up to 6 Divers, Aux. Input for Music, Accessory Storage Lid



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range.

\*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# HARDWARE ACCESSORIES, & SPARE PARTS

PART NUMBER	DESCRIPTION
910193-000	Handheld Mic. Set up for MK-III 3 Diver Intercom, MK2-DCI, STX-101/M (Comes Standard with STX-101/M Surface Station)
900465-000	Headset, Deluxe Headset with Boom Mic. Set up for MK-III 3 Diver Air Intercom.
910097-000	Headset, Deluxe Headset with Boom Mic. Set up for MK-7 Buddy Line
900298-022	Headset, Deluxe Headset with Boom Mic. Single Earphone Set up for MK-7 Buddy Line.
900298-003	Headset, Deluxe Headset with Boom Mic. Set up for MK2-DCI (Incl, PTT control).
900298-020	Headset, Deluxe Headset with Boom Mic. Set up for ComBox (Incl, PTT Control).
900284-000	NiMH Battery Pack (12 Volts). Used with ComBox
392008-000	Rechargeable Battery for MK2-DCI and STX-101/M (Two Required)
392016-000	Rechargeable 12V Battery for MK-III 3 Diver Intercom
910361-000	Smart Battery Charger for the MK2-DCI and STX-101/M (Replaces RC-13)
910501-000	Battery Charger for the MK-III 3 Diver Intercom



## COMMUNICATION SOLUTIONS FOR ADVANCED WAR FIGHTERS

From training to the front lines, OTS Communications have been helping Militaries around the globe accomplish their missions with reliability and unparalleled performance since 1984. If you are looking for the finest, field-tested underwater communication system, OTS has the solution to your needs.

# MILITARY

## MILCOM 6000D DIVER UNIT 2-CHANNEL WIRELESS DIVER UNIT



The MilCom 6000D Wireless Diver Communication Unit takes wireless communication performance to the next level for all your professional diving needs. Its specifically designed rechargeable Lithium-ion battery boasts more power for greater range, up to 14 hour run time, scrambler mode, and significantly improved overall battery lifespan, ensuring that the MilCom 6000D will keep you connected when you need it. Compatible with CDK-6. See page 30.  
Part Number: 900473-000

## MILCOM 6000S SURFACE STATION 2-CHANNEL SURFACE STATION



Smaller. Lighter. Longer Battery Life. The MilCom® 6000S surface station is a 70 watt, dual-channel single sideband surface station designed to meet the demanding needs of the military. The MilCom 6000S offers scrambled communications and comes standard with 2 batteries, charger, transducer, handheld mic, headset and custom backpack.  
Part Number: 900478-000

## MILCOM 6000H 2 CHANNEL (70 WATTS OUTPUT POWER)

The MilCom 6000H Hybrid Diver Unit is a Hybrid Unit allowing users to communicate wirelessly as well as plug two units into each other for hands-free intercom communications. Unit offers various channel frequencies and connector types to suit customer needs. Contact OTS for more information. Compatible with CDK-6. See page 30.  
Part Number : 900483-000  
Sleep / Standby Mode Part Number : 900483-001



## BUDWEISER LINE CUSTOM COMMUNICATION ROPE

Custom Budweiser lines available for mission specific applications. Contact OTS with special build specifications.



# MILITARY COMPARISON



SPECIFICATIONS	MILCOM 6000D DIVER UNIT	MILCOM 6000H DIVER UNIT	MILCOM 6000S SURFACE STATION
<b>Channels / Frequencies</b>	Low-Frequency / High Frequency Pair: Ch. A: 28.500 kHz LSB or 25.000 kHz LSB Ch. B: 32.768 kHz USB	Low-Frequency / High Frequency Pair: Ch. A: 28.500 kHz LSB or 25.000 kHz LSB Ch. B: 32.768 kHz USB	Low-Frequency / High Frequency Pair: Ch. A: 28.500 kHz LSB or 25.000 kHz LSB Ch. B: 32.768 kHz USB
<b>Output Power</b>	70 Watts PEP	70 Watts PEP	70 Watts PEP
<b>Range*</b>	1000m - 6000m	1000m - 6000m	1000m - 6000m
<b>Transducer</b>	Piezoelectric	Piezoelectric	Piezoelectric
<b>Transmit Control</b>	Manual Activation (Push-To-Talk)	Manual Activation (Push-To-Talk)	Manual Activation (Push-To-Talk)
<b>Microphone/ Speakers / Earphone</b>	Ear / Mic Assembly Via Hi-Use Connector (Purchased Separately)	Ear / Mic Assembly Via Hi-Use Connector (Purchased Separately)	Handheld Mic (Included), Headset w/ Boom Mic (Included)
<b>Rec Out / Auxiliary Speaker</b>	No / No	No / No	Yes / No
<b>Battery Type</b>	Rechargeable Lithium-Ion (Included)	Rechargeable Lithium-Ion (Included)	2 Rechargeable Lithium-Ion (Included)
<b>Battery Life**</b>	~ 14 Hours	~ 14 Hours	~ 26 Hours
<b>Low Battery Indicator</b>	Tone Alert / Flashing LED	Tone Alert / Flashing LED	Multi-Color LED / Audio Indicator
<b>External Power</b>	N/A	N/A	12 VDC, 10-Amp Power Supply
<b>Depth Rating</b>	300 FSW	300 FSW	55 FSW (Transducer)
<b>Housing</b>	Injection-Molded Polycarbonate	Injection-Molded Polycarbonate	Polyethylene
<b>Dimensions (H x W x D) / Weight</b>	Height: 7.0" Width: 4.0" Depth: 3.0" Weight: 2.2 lbs	Height: 7.0" Width: 4.0" Depth: 3.0" Weight: 2.2 lbs	Height: 5.50" Width: 14.00" Depth: 10.00" Weight: 9.8 lbs (Batteries Installed)



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range.  
\*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# MILITARY SPARE PARTS

PART NUMBER	DESCRIPTION
900474-000	RBLI-4, Lithium Battery Kit
900474-001	AD8PMHI17, 8-Pin to Hi-Use Cable Kit
900474-002	Rubber Armored Base Assembly Kit
900474-003	Belt Clip Kit
900474-004	TA-6 Transducer Kit for MilCom 6000D/6000H
900474-005	RCLI-1 Battery Charger Kit, US
900474-006	RCLI-1 Battery Charger Kit, EU
900474-007	RCLI-1 Battery Charger Kit, UK
900474-008	RCLI-1 Battery Charger Kit, Australia
900474-009	PowerCom/MilCom D O-Ring Kit
900474-010	Transducer O-Ring Kit
914125-000	Replacement Curly Cord Adapter Cable for 6000H Hybrid Unit



## LEAVE NO ONE BEHIND

OTS Diver Recall Systems are known for their durability and reliability ensuring mass communication is made when it's needed. OTS offers Diver Recall options for divers to be recalled by either tone or voice. When you need fast and simple broadcasting to the masses we have the solution for you.

# DIVER RECALL SYSTEMS



## DRS-100B

### DIVER RECALL SYSTEM

The DRS-100B alerts divers within range with either voice, a solid tone, or an intermittent tone. You can also feed sound into the water (e.g. music, pre-recorded announcements) via a line-in connection located on the front panel. The DRS-100B also has a listen mode allowing the user to listen to marine and/or man-made noise.

Part Number: 900097-000



## PDR-100

### PORTABLE DIVER RECALL

The PDR-100 was designed with Military, Public Safety and Commercial Dive Boat applications in mind. Designed with a rugged housing and durable underwater speaker, this compact Portable Diver Recall system is made for a long working life under harsh environments. The PDR-100 emits a loud solid tone or siren tone to signal your divers.

Part Number: 900450-000



## SCB-1

### 8 CELL AA BATTERY HOLDER

The SCB-1 was designed to give users the option to use AA batteries in the PDR-100. This is an essential item for days where longer battery life is required.

Part Number: 910475-000

# COMPARISON



SPECIFICATIONS	PDR-100 PORTABLE DIVER RECALL	DRS-100B PORTABLE DIVER RECALL
Tone / Siren Recall	Yes / Yes	Yes / Yes
Output Power	15 Watts	Recall & Tone: 132 Watts Voice : Adjustable up to 132 Watts
Range*	300m	Voice: 100m Tone: 300m
Transducer	PVC Housing with Epoxy Coated Piezo Elements	Voice: 100m Tone: 300m
Transmit Control	Tone / Siren: Toggle Switch	Tone / Recall : Toggle Switch Voice : Push-To-Talk Handheld Microphone
Battery Type	RB-14, NiMH 12, 2Ah (Included)	2 12V (24V in series), 6Ah Rechargeable Batteries (Included)
Rec Out / Auxiliary Speaker	No / No	Yes / No
Battery Life**	~5 Hours (20% Duty) ~36 Hours Standby	~5 Hours (20% Duty) ~3 Hours Aux Input (Continuous)
Low Battery Indicator	Multi color LED	Red Flashing LED
External Power Source	N/A	24 VDC; 7 Amps Maximum; 75mA (Idle)
Speaker / Transducer Depth Rating	30 FSW	Ultra-High Impact ABS
Housing	Injection-Molded, High-Impact, Glass-Filled ABS Plastic	Ultra-High Impact ABS
Dimensions (H x W x D) / Weight	Height: 7.0", Width: 4.50", Depth: 2.25" Weight: 7.5 lbs	Ultra-High Impact ABS



ALL Ocean Technology Systems' communications are fully guaranteed against defects in materials and workmanship for a period of 1 year from the time of purchase. Our obligation under this warranty is limited to the replacement of any part or parts which prove to our satisfaction to have been defective, and which have not been misused or carelessly handled. Labor is guaranteed for 1 year from time of purchase.

\*Range can be more or less than stated and is dependent on water conditions (i.e., depth, noise, thermoclines, etc.). A combination of high sea state and acoustic shadowing will severely limit range.

\*\*Battery Life based on tests with a 10% transmit cycle. Battery life is affected by amount of transmission, temperature, age and recharge cycles.

# DIVER RECALL SPARE PARTS

PART NUMBER	DESCRIPTION
900189-000	Transducer for the DRS-100B (Speaker Only)
910041-000	HSM-10, Hand Held Microphone. Used with DRS-100B, MAG-1001S
900041-000	Battery Pack, for the DRS-100B, 2 Pack
910363-000	Universal Charger for the DRS-100
910272-000	Battery, Nimh, Used for PDR
910376-000	PDR-100 Charger



## CAPTURE EVERY MOMENT

Our Emmy Award Winning Technology has revolutionized the way underwater story telling is told for Film & Television. As pioneers and experts in recording underwater audio to cameras, we offer the best quality and clarity in the field satisfying any film or television production need.

# AUDIO RECORDING EQUIPMENT



## RECORDER HOUSING

### UNDERWATER RECORDER HOUSING

This underwater recorder housing is a perfect system for those looking for a complete standalone option for recording audio. Pair this with a RX-100-D-RO or VSB-2 and you have full system to record underwater audio. Recorder not included.

Contact OTS For Purchase



## RX-100-D-RO

### RECEIVE ONLY WITH AUDIO OUT PATCH CABLE

The RX-100-D-RO Buddy Phone® Receive Only unit is designed to plug into a Female E/O connector on your camera housing and feed live audio into the microphone input on your camera. The RX-100-D-RO is an excellent choice if you are seeking to record all wireless transmissions into the camera.

Part Number: 900412-022



## VSB-2

### AUDIO SPLITTER CABLE

The VSB-2 is a Y-splitter that goes between the diver's ear/mic assembly and the PowerCom 3000D and 5000D. The diver's earphone signal is sent into the camera through a bulkhead connector on the housing directly into the camera's mic input. Everything the diver hears and says is recorded in the camera.

Part Number: 910037-002



## STAY IN STYLE

Show the world that you're a part of the OTS family on and off the dive site with our comfortable and fun apparel.

# CLOTHING



**MK-V COMMUNICATIONS**  
(AVAILABLE IN  
BLUE AND BLACK)



**DEEP SEA, OCTOPUS**  
(AVAILABLE IN BLACK)



**SPECIAL WARFARE**  
(AVAILABLE IN  
BLUE AND BLACK)



**US NAVY MK20**  
(AVAILABLE IN BLUE)



**COMBAT DIVER**  
(AVAILABLE IN  
BLUE AND OLIVE)



**US NAVY MK20 COLOR**  
(AVAILABLE IN GREY)



**SPECTRUM FFM**  
(AVAILABLE IN  
RED AND BLACK)



**OTS DIVER / MERMAID**  
(AVAILABLE IN BLUE)

# SWAG



**TRUCKER HAT**  
(AVAILABLE IN BLACK)



**DIVE TEAM  
CHALLENGE COIN V2**



**LOGO  
STICKER**



**VELCRO  
PATCH**

# T-SHIRTS

PART NUMBER	DESCRIPTION
900304-204	OTS Spectrum FFM. Black Shirt, Full Color Imprint (No Pocket). Size SM
900304-196	OTS Spectrum FFM. Black Shirt, Full Color Imprint (No Pocket). Size MED
900304-197	OTS Spectrum FFM. Black Shirt, Full Color Imprint (No Pocket). Size LG
900304-198	OTS Spectrum FFM. Black Shirt, Full Color Imprint (No Pocket). Size XL
900304-199	OTS Spectrum FFM. Black Shirt, Full Color Imprint (No Pocket). Size XXL
900304-205	OTS Spectrum FFM. Red Shirt, Full Color Imprint (No Pocket). Size SM
900304-200	OTS Spectrum FFM. Red Shirt, Full Color Imprint (No Pocket). Size MED
900304-201	OTS Spectrum FFM. Red Shirt, Full Color Imprint (No Pocket). Size LG
900304-202	OTS Spectrum FFM. Red Shirt, Full Color Imprint (No Pocket). Size XL
900304-203	OTS Spectrum FFM. Red Shirt, Full Color Imprint (No Pocket). Size XXL
900304-120	OTS MKV Communications. Black Shirt, Full Color Imprint (No Pocket). Size MED
900304-121	OTS MKV Communications. Black Shirt, Full Color Imprint (No Pocket). Size LG
900304-122	OTS MKV Communications. Black Shirt, Full Color Imprint (No Pocket). Size XL
900304-123	OTS MKV Communications. Black Shirt, Full Color Imprint (No Pocket). Size XXL
900304-116	OTS MKV Communications. Navy Blue Shirt, Full Color Imprint (No Pocket). Size MED
900304-117	OTS MKV Communications. Navy Blue Shirt, Full Color Imprint (No Pocket). Size LG
900304-118	OTS MKV Communications. Navy Blue Shirt, Full Color Imprint (No Pocket). Size XL
900304-119	OTS MKV Communications. Navy Blue Shirt, Full Color Imprint (No Pocket). Size XXL
900304-096	OTS/US Navy MK20 Mask. Navy Blue Shirt, Full Color Imprint (pocket). Size: MED

PART NUMBER	DESCRIPTION
900304-078	OTS/US Navy MK20 Mask. Navy Blue Shirt, Full Color Imprint (pocket). Size: LG
900304-079	OTS/US Navy MK20 Mask. Navy Blue Shirt, Full Color Imprint (pocket). Size: XL
900304-097	OTS/US Navy MK20 Mask. Navy Blue Shirt, Full Color Imprint (pocket). Size: XXL
900304-098	OTS/US Navy MK20 Mask. Navy Blue Shirt, Gold Imprint (pocket). Size: MED
900304-087	OTS/US Navy MK20 Mask. Navy Blue Shirt, Gold Imprint (pocket). Size: LG
900304-088	OTS/US Navy MK20 Mask. Navy Blue Shirt, Gold Imprint (pocket). Size: XL
900304-099	OTS/US Navy MK20 Mask. Navy Blue Shirt, Gold Imprint (pocket). Size: XXL
900304-089	OTS Communications Diver. Ash w/ Color Imprint (pocket). Size: LG
900304-090	OTS Communications Diver. Ash w/ Color Imprint (pocket). Size: XL
900304-091	OTS Communications Diver. Ash w/ Color Imprint (pocket). Size: XXL
900304-107	OTS Special Warfare Black with White lettering (No Pocket). Size: SM
900304-108	OTS Special Warfare Black with White lettering (No Pocket). Size: MED
900304-109	OTS Special Warfare Black with White lettering (No Pocket). Size: LG
900304-110	OTS Special Warfare Black with White lettering (No Pocket). Size: XL
900304-111	OTS Special Warfare Black with White lettering (No Pocket). Size: XXL
900304-103	OTS Special Warfare Blue with Gold lettering (No Pocket). Size: MED
900304-104	OTS Special Warfare Blue with Gold lettering (No Pocket). Size: LG
900304-105	OTS Special Warfare Blue with Gold lettering (No Pocket). Size: XL
900304-106	OTS Special Warfare Blue with Gold lettering (No Pocket). Size: XXL

# T-SHIRTS & SWAG

PART NUMBER	DESCRIPTION
900304-211	OTS Deep Sea, Octopus. SM
900304-212	OTS Deep Sea, Octopus. MED
900304-213	OTS Deep Sea, Octopus. LG
900304-214	OTS Deep Sea, Octopus. XL
900304-215	OTS Deep Sea, Octopus. XXL
900304-206	GFFM Diver/Mermaid. BL/GLD SM
900304-207	GFFM Diver/Mermaid. BL/GLD MED
900304-208	GFFM Diver/Mermaid. BL/GLD LG
900304-209	GFFM Diver/Mermaid. BL/GLD XL
900304-210	GFFM Diver/Mermaid. BL/GLD XXL
900304-216	OTS Combat Diver Shirt, Olive Drab / Black Size: SM
900304-217	OTS Combat Diver Shirt, Olive Drab / Black Size: MED
900304-218	OTS Combat Diver Shirt, Olive Drab / Black Size: LG
900304-220	OTS Combat Diver Shirt, Olive Drab / Black Size: XL
900304-220	OTS Combat Diver Shirt, Olive Drab / Black Size: XXL
900304-221	OTS Combat Diver Shirt, Blue / Gold Size: SM
900304-222	OTS Combat Diver Shirt, Blue / Gold Size: MED
900304-223	OTS Combat Diver Shirt, Blue / Gold Size: LG

PART NUMBER	DESCRIPTION
900304-224	OTS Combat Diver Shirt, Blue / Gold Size: XL
900304-225	OTS Combat Diver Shirt, Blue / Gold Size: XXL

## WOMEN'S T-SHIRTS

PART NUMBER	DESCRIPTION
900304-147	OTS MKV Communications. Full Color Imprint. Style: Scoop Neck Color: Black Size: SM
900304-148	OTS MKV Communications. Full Color Imprint. Style: Scoop Neck Color: Black Size: MED
900304-149	OTS MKV Communications. Full Color Imprint. Style: Scoop Neck Color: Black Size: LG
900304-150	OTS MKV Communications. Full Color Imprint. Style: Scoop Neck Color: Black Size: XL

## ACCESSORIES

PART NUMBER	DESCRIPTION
970001-000	OTS Challenge Coin
900305-005	OTS Trucker Hat - Black
504013-002	OTS Sticker - Call Rep
970002-000	OTS Velcro Patch



## NEED SOMETHING SPECIAL?

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Our In-House Specials Department can take care of your custom design needs. Our team can modify everything from our existing product line to creating your vision from the ground up.

As the leaders in Underwater Communications, we can help you create everything from custom prop work for Film and TV to specialized boat systems for Public Safety professionals. Whatever your need is, our specialists are here to help you solve your unique communication needs.

**Have a special project in mind? Contact our team today.**

 [ots@otscomm.com](mailto:ots@otscomm.com)

 (714) 754-7848

## BECOME A TECHNICIAN!

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### GUARDIAN FULL FACE MASK TECHNICIAN

OTS offers online and in-person technician courses to help you learn how to properly service our equipment. Courses include servicing instructions on: breaking down the Full Face Mask, breaking down the 2nd Stage Regulator, reinstalling components of the Full Face Mask, reinstalling the components of the 2nd Stage Regulator and proper adjustments of the 2nd Stage Regulator.

The OTS Guardian Full Face Mask technical/maintenance course will provide hands on training in the following areas of the Guardian FFM system:

- Function of the regulator and mask
- Inspection of the external components
- Breakdown of the second stage regulator
- Breakdown of the mask body
- Parts identification
- Inspection and cleaning of the internal components
- Repair and replacement of parts
- Re-assembly of the mask body
- Adjusting the second stage regulator
- Testing the regulator with the Magnehelic
- Troubleshooting the regulator
- Re-assembly of the second stage regulator

**Interested in more information on becoming a technician?**

 [ots@otscomm.com](mailto:ots@otscomm.com)

 (714) 754-7848





3133 West Harvard Street Santa Ana, CA 92704 USA  
(800) 550-1984 (Toll Free) // (714) 754-7848 (Direct) // (714) 966-1639 (Fax)  
[www.otscomm.com](http://www.otscomm.com) // [ots@otscomm.com](mailto:ots@otscomm.com)

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