



Underwater Diver Wireless Communications



- ◆ **Four (4) selectable channels**
- ◆ **Operator adjusted functions**
- ◆ **Can be used with most full-face diving masks**
- ◆ **Suitable for Police Team & Commercial divers**

The **Aquacom® SSB-2010** is a high power, Single Sideband, multi-channel wireless underwater communicator manufactured by Ocean Technology Systems, designed to meet the demanding needs of the Commercial and Police Team Diver.

Using patented Digital Signal Processing and five watts of acoustic power, the SSB-2010 ensures clear intelligible diver-to-diver or diver-to-surface communications over long ranges in most subsea conditions. In order to organize your dive team's communications, the SSB-2010 operates on four(4) selectable channels.

Another key feature of the SSB-2010 is user selectable functions that support the unit's ability to provide superior communications underwater. Volume control, VOX or PTT functions, squelch control and channel selection can all be adjusted by the operator to optimize the SSB-2010 performance, even during the dive.

With many earphone/microphone assemblies to choose from, the SSB-2010 can be used with most full-face diving masks. Surface support communications for the SSB-2010 can be achieved with the high powered STX-101 Surface Station. An option for the SSB-2010 is a NiMH rechargeable battery pack with battery charger.

SPECIFICATIONS

Range:	1000meters in calm seas
Carrier Frequency:	31 to 33kHz (four channels)
Acoustic Output Power:	5 watts (nominal)
Receiver Sensitivity:	-110 dBv
Transducer:	Piezoelectric Type
Earphone:	Dual Ceramic
Auto Gain Range:	120 dB Dynamic Range
Operational Indicator:	Power ON Red LED
Power Source:	8-AA Alkaline Battery Pack or optional 12VDC NiHM
Battery Life:	13hrs w/NiHM and 7hrs w/Alkaline (10% duty cycle)
Low Battery Indication:	Red LED on upper housing
Depth Rating:	152meters (500ft)
Housing Material:	High Impact, Polycarbonate
Dimension:	19.5cm(H) x 8.90cm(W) x 4.60cm(D)
Weight:	0.5lbs in water

Specifications subject to change without notice



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