

Wireless Surface to Diver Communicator Model COM-S

TECHNICAL SPECIFICATIONS

Transmission type: Wireless ultrasonic. Upper or Lower Side Band.

Up to 8 channels: C: 32.768 kHz Upper G: 32.768 kHz Lower A: 31.250 kHz Upper F: 31.250 kHz Lower

D: 28.500 kHz Upper H: 28.500 kHz Lower E: 25.000 kHz Upper I: 25.000 kHz Lower

Transmission: 20 watts.

Nominal Range: Calm Sea – 20 watts – up to 2000 Meters.

Reception: Automatic squelch and automatic gain over full

operating range.

Audio: 5000Hz bandwidth, 120 dB dynamic range. Front

Panel Speaker.

Replaceable Parts: Model COM-S comes with the following:

• MIC-S08 Hand held microphone

• XDR-S08 piezoelectric transducer on 55 ft cable

• BAT-S08 x 3 rechargeable Gel-Cell battery pack

• **CHG-S08** charger for unit with 3 x BAT-S08.

Optional Parts may be ordered Separately for the COM-S Model:

EAR-MIC-S08 headset with
MIC-S01 boom microphone

Operation: Using fully charged BAT-S08 batteries, 5% overall

transmit time: 20 watt unit: 16 hours

20 Watt difft. 10 floato

Alternate/Backup: Over three times the above operation time when batteries replaced with non-rechargeable Alkaline:

3 of 6 Volt 18000 mAh Alkaline Lantern Batteries,

Energizer brand part # 529 or equivalent.

Warranty: One year warranty.

Housing: Heavy Duty Pelican 1450 case. Dimensions: Approx. 16" L x 13" W x 6 7/8" D

Weight: Approx. 13 lbs with batteries and accessories.

The most versatile Multi-Channel Surface Unit available on the market today.

For Commercial Divers, the COM-S surface unit meets all the requirements:

- Enough power to get through difficult signal pathways.
- Isolated audio interfaces that are electrically safe.
- Other channel line-up available, easily reprogrammed at factory.

Suggested Channel Lineups: -2AF Two Separate Channels -3AFI Three Separate Channels

-8 may also be ordered for 8 channels, to allow compatibility with other manufacturer's equipment.



COM-S with Optional EAR-MIC-S08 Headset



View Inside Case

DIVELINK

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The DIVELINK COM-S Surface Unit is a wireless voice communicator used by surface personnel to talk with divers who are using DIVELINK Diver Units.

The Surface Unit consists of a Communicator Panel in a waterproof case that contains rechargeable gelcel batteries and universal charger. Also included are a transducer with an extension cable, and a hand-held microphone.

An optional noise reduction headset with noise canceling boom microphone may also be purchased for noisy deck environments.

(For details of the Diver Unit, see the DIVELINK DIVER UNIT, MODEL COM-UC-x-x-x.)

Employing the latest in micro-electronics technology, the Surface Unit has been engineered to be as simple to use as possible. All adjustments for sound quality are fully automatic. The operator need only adjust channel setting and volume.