

# DIVELINK®

## Surface Unit 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 3000 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
- **EAR-MIC-S08** headset with
- **MIC-S01** boom 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.

**Operation:** Using fully charged BAT-S08 batteries, 5% overall transmit time: 20 watt unit: over 12 hours

**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 re-programmed at factory.

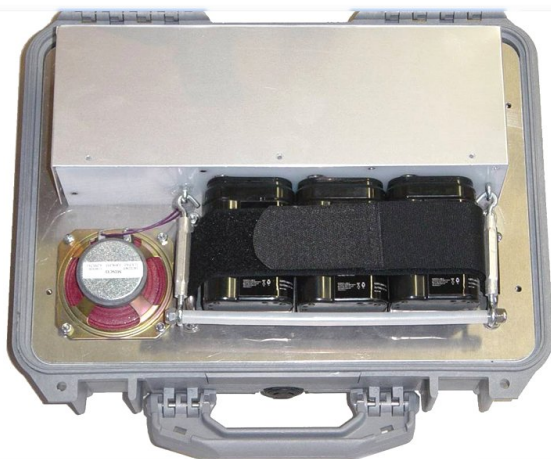
#### Suggested Channel Lineups:

**-2AF Two Separate Channels**

**-3AFI Three Separate Channels**

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

Custom integrated circuits and digital signal processing are employed to ensure intelligibility lowest power consumption, lowest noise figure, and automatic signal processing that correctly matches the underwater acoustic environment.



View Inside Case



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