

Lubell.com Presents



## Lubell LL9161

Underwater Acoustic Projector  
Underwater Acoustic Transducer  
Underwater Speaker

High-Power Piezoelectric Underwater Acoustic  
Transducer for Military and Scientific Applications

### SPECIFICATIONS

- **Frequency Range:** 200Hz-20kHz
- **SPL (Fr):** 185dB/uPa/m @ 900Hz
- **Maximum Drive:** 35 Vrms or 3A @ 100% D.C., whichever comes first.
- **Impedance:** Varies with frequency
- **Operating Depth:** 6' min / 50' max
- **Dimensions:** 11 IN x 11 IN x 7.8 IN (HWD), 17 lbs
- **Bulkhead Connector:** Impulse IERD2F-BC-3 (pin 2 hot)
- **Cable:** Impulse IE2M-7/16 on 75' 18/2 SJOW, fitted with Conxall 3182-3PG-524 (pin 3 hot)
- **Required Xfmr box:** AC202C
- **Warranty:** 1 year limited
- **Options:** Navy calibration; Custom bulkhead connector and/or cable; Bosch PLE-1P240 amp
- **PRICE:** \$2000

Tel: (614) 725-2701, 9:00am-5:00pm EST  
[Printable brochure](#), [Instruction sheet](#)  
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The Lubell LL9161 Underwater Acoustic Transducer is designed for general purpose military and scientific applications requiring higher sound levels than the standard commercial [LL916](#).

The LL9161 withstands extreme conditions by virtue of its rugged PVC and stainless steel construction. The LL9161 includes an underwater pluggable cable that can be field replaced by the operator. The LL9161 operates at depths between 6' to 50' in freshwater or seawater.

Because the LL9161 presents a reactive load, it must be powered by an amplifier having Class AB topology (such as the Bosch PLE-1P240-US or Bogen HTA250A).