

[Lubell.com](http://Lubell.com) presents



## Lubell Labs 9484 Underwater Speaker Kit

*For integration during new concrete  
pool construction per International and  
National Electric Code standards*

### SPECIFICATIONS

**COVERAGE:** One 9484 for each 20 foot x 20 foot area of pool  
**INSTALLATION DEPTH:** 6 foot; 4 foot min @ shallow end  
**FREQUENCY RESPONSE:** 200Hz-20kHz ([Data Plots](#))  
**MAXIMUM SPL:** 179dB/uPa/m

#### AMPLIFIER REQUIREMENTS:

**Constant-Voltage:** 25V line, allow 37.5 watts per speaker  
**Conventional Class AB:** 78 watts max @ 8Ω per speaker  
Amplifier must be UL listed for Class 2 wiring, connect to GFCI

**ADVANTAGES:** Our patented design provides over 2X the bandwidth, loudness, and longevity of competing models, however does not reproduce low bass frequencies.

#### 9484 PACKAGE INCLUDES:

[A9000](#) Hayward SP0604C4 stainless steel wet-niche 3/4" hub  
[A9002A](#) stainless steel grille, 11 inch diameter x 1 inch height  
[AC205B](#) isolation & matching "gray box", indoor use only  
[21007](#) speaker V support, PVC clad stainless steel  
LL916 underwater speaker, 9 in piezoelectric piston type

#### OPTIONS:

Choice of 50, 100, 150, or 200 foot hardwired cable  
[M25](#) conduit hub adapter for areas using metric conduit

#### SHIPPING INFO:

**9484-25V-50':** 27 lbs / 13"x13"x22"  
**9484-25V-100':** 28 lbs / 13"x13"x23"  
**9484-25V-150':** 29 lbs / 13"x13"x24"  
**9484-25V-200':** 33 lbs / 13"x13"x24"

**COUNTRY OF ORIGIN:** Made in the USA

**HARMONIZED TARIFF #:** 851829, 851890

**WARRANTY:** 5 year limited

#### RECOMMENDED AMPLIFIER (UL listed, 120 or 240V):

Bosch [PLE-1P120-US](#) 25V power-amp, for 1-3 Lubell 9484  
Bosch [PLE-1P240-US](#) 25V power-amp, for 4-6 Lubell 9484  
Bosch [PLE-1ME120-US](#) 4Ω mixer-amp, for 1-4 Lubell 9484

### Lubell Labs, Inc.

712 South Yearling Road  
Columbus, Ohio 43213 USA  
(614) 725-2701 • [sales@lubell.com](mailto:sales@lubell.com)

[Printable page](#), [PDF install guide](#), [Safety letter](#), [CE mark](#)

**The Lubell Labs underwater speaker** has become the most popular underwater loudspeaker in the world since 1968, as it is **louder and clearer than any other competing product!** Its unique design, U.S. Patent #3,391,385, utilizes its dual-piston PVC overmolded aluminum enclosure as the sound transducer, offering **true-piston operation** with no exposed metal parts. Coupled with a powerful 8-cylinder piezoelectric engine with efficiencies approaching 60% in a corrosion-free design...no other brand compares!

Because of the increased interest in **water aerobics, lap swimming, and synchronized swimming**, built-in Lubell underwater speakers have become a standard feature in collegiate pools around the world. Coaches truly appreciate the ability to **clearly and effectively communicate instructions to their swimmers** via a wireless microphone from the deck. When not coaching, upbeat music with select tempos (or metronome beats) can be played for swimmers to keep pace.

Lubell 9484 underwater loudspeakers have also become a standard feature in luxury hotel and resort pools worldwide. Swimming laps to the sound of underwater music, books on tape, or favorite TV shows is an enjoyable way to exercise! And in the event of an emergency or inclement weather, swimmers never miss that announcement to vacate the facility.

The included SP0604C4 Hayward stainless steel wet-niche is designed for installation at 6' (1.83m) depth below the water line by licensed pool contractor and licensed electrician during new concrete/gunite pool construction phase. Niche must be [bonded](#) to Equipotential Bonding Grid per NEC 680.26(B) and (C) (see [drawing](#) & [article](#)) along with all metal parts of pool structure.

For home, municipal, and collegiate pools, one unit is recommended for installation in each 20' x 20' (6.1m x 6.1m) section of the pool. Here are some suggested installation locations: [60' home pool](#); [75' and 90' lap pools](#); [50 meter Olympic Pool](#).