

## Lubell UW30PA Underwater PA System



The Lubell Labs UW30PA is a low power underwater sound system designed to reproduce voice, music, and broadband audio in the pool, lake, or ocean. Typical uses include communicating with divers on movie sets, and marine biology experiments.

The UW30PA amplifier has bare tinned power leads that can be connected to standard 12 volt marine electrical systems or connected directly to a 12 volt marine battery. The mixer/amplifier is rated at 30 watts rms @ 8 ohms, includes a noise-cancelling microphone with locking PTT switch, and features two microphone inputs with volume controls and an auxiliary input. The amplifier is not weather resistant, and must be kept in dry cabin. Available accessories include [ATW701](#) wireless headset microphone (\$269) and Marantz CD and CF [recorders](#).

The patented UW30 underwater speaker is a moving-coil type underwater transducer featuring a 12.7 ounce ceramic magnet and 50 foot cord. The UW30 may be used at depths between 4-10 feet, and has an effective sound transmission radius of 25' typical with its 153dB/uPa/m maximum sound pressure level. CE/RoHS.

- **Amplifier Power:** 30 watts rms @ 8 ohms
- **Voltage Requirements:** 10 - 16 VDC
- **Current Consumption:** <5A
- **Amplifier Size:** 7.01"W x 1.97"H x 5.20"D @ 2.43 lbs.
- **System Response:** 100Hz - 10kHz +/-10dB
- **Maximum SPL:** 153dB/uPa/m @ 150Hz (Fr)
- **Maximum Speaker Cable V/I:** 15.5 Vrms @ 2.5A (50% duty cycle)
- **Speaker Operating Depth:** 6' recommended (2' min - 10' max.)
- **Speaker Finish:** Pool blue ABS
- **Speaker Cable:** 50' (15.24 meter) 18/3 SJEOOW with 1/4" male plug
- **Speaker Size:** 7.250" D x 3.0" L @ 6.0 lbs
- **Retail Price:** \$599
- **Professional (Diver, Marine Biologist) Price:** \$449
- **PDF Documents:** [Brochure](#), [TVR](#) & [SPL](#) plot

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