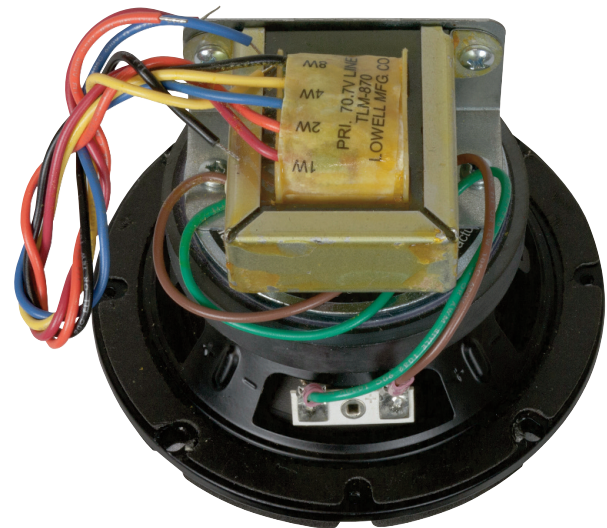


## Model No. **4A30-T870** Premium 4" 30W Coaxial Driver with Transformer

Premium 4" 30W coaxial driver with mounted transformer provides smooth musical sound and wide dispersion for very high quality paging and background music.

### Construction & Features

- 30W coaxial 4" (EIA 5") driver has the capacity to deliver a wide angle of sound distribution at 2kHz with uniform response and clear audibility to ensure complete coverage with minimum units. Includes 10 oz. magnet, 1" copper voice coil, and polypropylene cone with half-roll rubber surround for long cone travel and good edge damping. Post-mounted liquid-cooled tweeter is a 1" diameter balanced drive dome with first order high-pass filter. Includes stamped 20-ga. steel frame with black enamel paint and zinc plated backplate.
- Factory-wired 70V transformer with 1, 2, 4, 8W taps.



### A&E Specifications

The 4" (EIA 5") coaxial driver with mounted transformer shall be Lowell Model No. 4A30-T870, which shall have a high frequency transducer (tweeter with 1" dia. balanced drive dome) and low frequency transducer (4" dia. polypropylene cone). A built-in electrical crossover network shall be employed for proper frequency divisions. Crossover frequency shall be at 5kHz with a first order high-pass filter. Power handling shall be rated at 30 watts (EIA 426B). The low frequency voice coil shall have 1" dia. and operate in a magnetic field derived from a ferrite (ceramic) magnet with nominal weight of 10 oz. The high frequency voice coil shall have a 0.53" dia. and operate in a magnetic field derived from a Neodymium magnet with nominal weight of 0.06 oz. Voice coil impedance shall be 8 ohms. The assembly shall

have a round, structurally reinforced, stamped 20-gauge steel frame for precise mechanical alignment. Overall dia. shall be 5" with four round and four obround holes equally spaced on a 4.688" dia. mounting bolt circle. External metal parts shall be finished in black enamel paint or zinc plating. The transformer shall have 70V primary voltage and selectable power taps at 1, 2, 4 and 8W. The assembly shall be capable of producing a uniform audible frequency response over the range 70Hz-20kHz ( $\pm 6$ dB); 50Hz-20kHz ( $\pm 8.8$ dB) with dispersion angle of 135 degrees @2000Hz octave (-6dB). Average sensitivity shall measure 88.0dB (SPL at 1W/1M). Assembly mounting depth shall not exceed 3.80". Assembly weight 2.7 lbs.

### Driver + Transformer Specifications

Driver + Xfmr. No's.	Driver Type & Power Rating	Driver Magnet Weight	Transformer Taps	Assembly Frequency Response	Assembly Dispersion @2000Hz Octave	Assembly Sensitivity	Assembly Mtg. Depth*	Max SPL **
4A30 + TLM-870	coaxial 8ohm 30W	10 oz. (woofer) 0.06 oz. (tweeter)	1, 2, 4, 8W @70V	70Hz-20kHz ( $\pm 6$ dB) 50Hz-20kHz ( $\pm 8.8$ dB)	135 degrees conical (-6dB)	88.0dB Avg SPL	3.80"	97.0dB

\* Minimum depth required for assembly to be rear-mounted to grille in an enclosure. Transformer is factory-mounted to basket with special bracket.

\*\* Calculated value 1M @ maximum transformer tap (8W).

Additional technical information is available on the specification sheet for Driver No. 4A30.