## FEATURES
- Outstanding sound reproduction and power-handling for signaling, music and public address systems
- Extended frequency response range for optimum intelligibility
- 60 watt power rating
- Environment-resistant construction for indoor/outdoor use
- Offered with or without transformer

## APPLICATIONS
Atlas Sound Models PD-60A and PD-60AT are versatile, 60 watt, high power, compression drivers designed for use in conjunction with Atlas Sound large format horns (Models CJ-46, BIA-100, DR Series) or other similar equipment. Drivers provide maximum efficiency and extended heavy-duty performance. Combined with Atlas Sound horns, PD-60A Series Models offer quality and durability to assure optimum penetration and excellent intelligibility in professional and commercial audio systems where sound projection and frequency response are demanded. PD-60A Series drivers will provide powerful audio or signal reproduction with superior wide-range fidelity.

Units are ideal for commercial sound, signaling and public address systems in applications such as manufacturing, recreation and sports facilities, exhibit halls, commercial centers, shipping and transportation terminals, malls, storage areas and warehouses, etc.

## GENERAL DESCRIPTION
Models PD-60A and PD-60AT are fully environment-resistant 60 watt drivers for indoor or outdoor application and are recommended for use in expansive and/or high ambient sound-level areas. Models feature sound chamber, phasing plug, magnet-structure components machined to optimum tolerances, 2" voice coil and offer a plane wave frequency response of 100 - 3,700 Hz (+5dB).

This series, which is comprised of a 16-ohm (PD-60A) and transformer (PD-60AT) versions, will meet a variety of applications. Model PD-60A provides screw-type terminals for matching direct to the 16 ohm voice coil impedance. The PD-60AT features a built-in varnish impregnated, multi-tap 70 volt line-matching transformer. Corrosion-resistant terminal connections are protected by a transparent, impact-resistant plastic cover which provides strain relief for the interconnecting cable.

Models PD-60A and PD-60AT are terminated in standard 1.375"–18" thread male couplings for use with screw-on horns, or with Atlas Sound Model DA-FH and YDA-TH adapters for bolt-on large format horns. Diaphragms are replaceable with appropriate equipment.

Internal components are enclosed within protective die-cast housing and finished in grey baked epoxy.

## SPECIFICATIONS

<table>
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<tr>
<th>MODEL</th>
<th>POWER RATING</th>
<th>PLANE WAVE FREQ. RESPONSE</th>
<th>LOW FREQ. LIMIT @ FULL POWER</th>
<th>SOUND LEVEL*</th>
<th>IMPEDANCE</th>
<th>POWER TAPS</th>
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<tr>
<td>PD-60A</td>
<td>60W</td>
<td>100 - 3,700 Hz (±5dB)</td>
<td>300 Hz</td>
<td>112.7 (avg)</td>
<td>100 - 3,700 Hz (±5dB)</td>
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<tr>
<td>PD-60AT</td>
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<td></td>
<td>300 Hz</td>
<td>112.7 (avg)</td>
<td>100 - 3,700 Hz (±5dB)</td>
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</tbody>
</table>

*Measured on a plane wave tube at 1 mW. (See SL2-1411, SL2-1414, or SL2-1418 for sound pressure levels on projector horns being used with these drivers)

Specifications subject to change without notice

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ARCHITECT AND ENGINEER SPECIFICATIONS

Compression driver unit shall be Atlas Sound Model _______ PD-60A, PD-60AT or approved equal. Unit shall have a full range power capacity of 60 watts above the low frequency cutoff of the associated projector horn.

Rated frequency response shall be 100-3,700 (+5dB) measured on a plane wave tube at 1 mW. Unit shall have a ceramic magnet and each driver shall have a sound pressure output capability level of 112.7 (avg) 100-3,700Hz (+5dB). Low frequency limit at full power shall be 300Hz. Compression driver shall have a 16 ohm voice coil of 2" diameter constructed of cloth-base molded phenolic.

Driver with enclosed terminal shall be capable of standard indoor/outdoor use and be fully environment resistant. The units shall terminate in the industry standard 13/8"–18 thread pattern and a .707" inch throat.

Diaphragm shall be field-replaceable and shall be high-temperature molded phenolic with a roll-type, flex-point suspension.

Models PD-60A shall have a nominal impedance of 16 ohms. Unit PD-60AT shall be equipped with a 70.7 volt transformer having power taps of 2.5, 5, 10, 20, 40 and 60 Watts.

Impedance and power taps shall be clearly identified and referenced on screw-terminal board.

NOTE: Plane wave tube measurements provide resistive loads to test drivers. Actual frequency response of a driver/horn combination will vary depending on the horn used with the driver. Consult individual horn specification sheet for typical horn frequency response.