I FEATURES
- High Efficiency and Power
- Threaded to Mount on Most Large Commercial Horns
- Choose 30-watt or 60-watt Output
- Offered in 16-ohm or 70.7 Constant-voltage Models

I DESCRIPTION
The efficient Penton Audio PD series are conservatively rated, high-power compression drivers. Designed to be used with the Penton H Series large-format horns, they have 1-3/8" - #18 threads. These also mate easily with most horns from other manufacturers providing equal or superior output. Drivers are weather resistant for mounting in outdoor environments.

The PD30 is a 16-ohm device. With an internal transformer, the PD30T has a 70.7-volt output. Both devices use a voice coil rated at 35 watts.

Similar in concept but slightly larger in size, the PD60 has a 16-ohm output. The PD60T has an internal transformer providing a 70.7-volt output. Both use the same 75-watt rated voice coil.

All PD series drivers use lightweight but high-density, phenolic-resin diaphragms. Their gray housings are zinc diecast for durability and long life outdoors.

I SPECIFICATIONS
- POWER HANDLING
  PD30/PH30T: 35 watts
  PD60/PH60T: 75 watts
- FREQUENCY RESPONSE (See Fig 1):
  PD30/PH30T: 180-7000 ± 10 dB
  PD60/PH60T: 160-7000 ± 10 dB
- DRIVER IMPEDANCE
  PD30/PD60: 16 ohms
  PD30T/PD60T: 16 ohms (secondary*)
- SPL @ 1w 1m
  PD30/H20: 111 dB
  PD60/H26: 115 dB
- SPL @ FULL POWER, 1m
  PD30/H20: 125 dB
  PD60/H26: 132 dB
- DIAPHRAGM MATERIAL:
  High-density Phenolic Resin
- VOICE COIL DIAMETER, INCH (MM):
  2.03 (51.5)
- VOICE COIL MATERIAL:
  Phenolic Diaphragm; Copper Winding with High-temperature Insulation
- MAGNET WEIGHT- CERAMIC
  PD30/PH30T: 17.25 oz (0.49 Kg)
  PD60/PH60T: 29.0 oz (0.826 Kg)
- FLUX DENSITY:
  PD30/PH30T: 12,500
  PD60/PH60T: 14,300
- CONNECTION:
  PD30/PH30T: Screw Terminals
  PD30T/PH30T: Color-coded Wire
  PD60/PH60T: Screw Terminals
  PD60T/PH60T: Color-coded Wire

- PD30T 70.7-VOLT XFRMR TAPS/IMPED:
  Red: 30 watts - 167
  Yellow: 15 watts - 334
  White: 7.5 watts - 667
  Black: Common - ----

- PD60T 70.7-VOLT XFRMR TAPS/IMPED:
  Red: 60 watts - 83
  Yellow: 30 watts - 167
  White: 15 watts - 334
  Black: Common - ----

- TRANSFORMER MAX INSERTION LOSS: 0.6 dB

- SUPPLIED MOUNTING ACCESSORIES:
  Bracket
  Chrome-plated Steel Hardware

- FINISH:
  Dark Gray Painted ABS

- SUGGESTED ACCESSORIES:
  H20 Horn
  H26 Horn
  RPD30 Replacement Diaphragm
  RPD60 Replacement Diaphragm

- DIMENSIONS, INCH (MM):
  PD30: 4.65 x 3.55 (118 x 90)
  PD30T: 5.20 x 3.94 (132 x 100)
  PD60: 5.20 x 3.94 (132 x 100)
  PD60T: 5.67 x 5.71 (144 x 145)

- NET WEIGHT LBS (KGS):
  PD30: 3.68 (1.67)
  PD30T: 5.03 (2.28)
  PD60: 5.05 (2.29)
  PD60T: 7.71 (3.50)

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ARCHITECTS' AND ENGINEERS’

SPECIFICATIONS:

Unit shall be Penton Audio USA Model (PD30 / PD30T / PD60 / PD60T) or approved equal. Model shall consist of screw-on compression driver with bug screen in a ABS housing finished in cool gray baked-on epoxy. Voice coil shall have a phenolic diaphragm and copper winding with high temperature insulation. Model shall provide connection the Penton H Series Horns.

(PD30 shall have a 16-ohm voice coil, conservatively rated at 30-watts and screw-on terminal connection.)

(PD60 shall have a 16-ohm voice coil, conservatively rated at 60-watts and have a screw-on terminal connection.)

(PD30T shall have an internally mounted 70.7-volt transformer with 30, 15 and 7.5-watt taps available from color-coded wiring. Model shall be conservatively rated at 30 watts.)

(PD60T shall have an internally mounted 70.7-volt transformer with 60, 30 and 15-watt taps available from color-coded wiring. Model shall be conservatively rated at 60 watts.)