

APH10T APH20T APH30T

Constant-Voltage Paging Projectors



■ FEATURES

- High-efficiency Output
- Choose 10, 20 or 30-watt Output Models
- Weather Resistant
- Economical Design

■ DESCRIPTION

The economical, high-value Penton Audio APH Series paging projectors are well-designed, efficient, but economical. These 10, 20 and 30-watt double reentrant horns provide sound penetration and dependability seldom found in popularly priced models.

Each unit has a 70.7-volt transformer sealed inside its high-strength, light-weight, ABS housing that is protected against the elements by molded-in UV inhibitors. Its five-conductor wire enters the housing through a gland nut designed to keep the moisture out.

All APH Series horns use lightweight high-density, phenolic-resin diaphragms and ceramic magnets.

This family is resistant to salt-laden air and is noncorrosive. Mounting is via an epoxy-coated, stainless steel "U" bracket held in place by stainless steel hardware, allowing its position to be maintained despite unusually high wind velocity.

■ APPLICATION

The APH Series paging projectors are at home for indoor or outdoor situations. Unique applications for the APH horns is the ability to be installed near seashores made possible by the corrosive-resistant materials used in its design.

Their internal 70.7/100-volt transformers allow long wire runs without severe line loss and/or daisy-chained connection of multiple units to the same amplifier with 70.7/100-volt output.

Typical applications are schools, gas stations, industrial property, ballparks, factories, recreational districts, fair-grounds, air shows or wherever high efficiency and clear communication is of prime importance.



■ SPECIFICATIONS

• POWER HANDLING

APH10T: 10 Watts
APH20T: 20 Watts
APH30T: 30 Watts

• FREQUENCY RESPONSE (SEE FIG 1):

APH10T: 340-16,000
APH20T: 310-16,000
APH30T: 260-16,000

• SPL @ 1w 1m

APH10T: 105db
APH20T: 107db
APH30T: 108db

• SPL @ FULL POWER, 1m

APH10T: 115db
APH20T: 120db
APH30T: 122db

• DIAPHRAGM MATERIAL:

Low smoke Halogen Plastic with UV Inhibitors

• APPROVALS:

CE; IP66

• 70.7-VOLT TRANSFORMER TAPS

APH10T: 10, 5, 2.5, 1.25 Watts
APH20T: 20, 10, 5, 2.5 Watts
APH30T: 30, 15, 7.5, 3.75 Watts

• 70-VOLT TRANSFORMER IMPEDANCE

APH10T: 500, 1,000, 2,000, 4,000
APH20T: 250, 500, 1,000, 2,000
APH30T: 167, 333, 666, 1,333

• 100 -VOLT TRANSFORMER TAPS

APH10T: 10, 5, 2.5 Watts
APH20T: 20, 10, 5, Watts
APH30T: 30, 15, 7.5 Watts

• 100-VOLT TRANSFORMER IMPEDANCE

APH10T: 1,000, 2,000, 4,000
APH20T: 500, 1,000, 2,000
APH30T: 333, 666, 1,333

• TRANSFORMER TAP CHANGE:

5-Conductor Cable

• SUPPLIED MOUNTING ACCESSORIES:

U Bracket

• FINISH:

Light Gray

• Dimensions, Inch

APH10T: 6.75" x 5" x 9.75"
APH20T: 8.75" x 6.25" x 11"
APH30T: 10.25" x 7" x 12"

• Weight

APH10T: 3.8-LBS
APH20T: 4.2-LBS
APH30T: 5-LBS