

Technical Specifications

V-1001 P-Tec Speaker

- One-way paging
- High-quality audio
- Externally accessible volume control
- Quick and easy installation
- Lightweight, easy to mount using a patented push/lock system
- Indoor use only



Self-amplified one-way

Description:

The V-1001 P-Tec Ceiling Speaker is designed for mounting onto acoustic tile and the patented push/lock mounting method means no large holes to cut into the surface. The V-1001 offers high performance for background music and voice paging systems in open offices and environments where you need to provide intelligible voice paging or background music.

SPECIFICATIONS

SPEAKER ELEMENT

Cone Diameter: 4:00in (10.16cm)
Voice Coil Impedance: 45 Ohms

INPUT

Impedance: > 600 Ohms nominal
Signal Level: -15 dBm line level

OUTPUT

Rating: > 93 dB @ 4ft (1.22m)
Signal/noise ratio: -70

POWER REQUIREMENTS

50 mA @ -24 Vdc

FREQUENCY RESPONSE

95 Hz to 16 kHz

MAGNET

Cone type with 5oz (142g) ceramic magnet

ENVIRONMENT

Temperature: -4 to +131°F (-20 to +55°C)
Humidity: 0 to 95% non-condensing

HOUSING AND FINISH

Sturdy plastic with a white finish

DIMENSIONS AND WEIGHT

8.80in L x 5.80in Dia
(22.35cm x 14.73cm)
Weight: 0.75lbs (0.34kg)
Shipping Weight: 2.50lbs (1.13kg)

2022 Rev. 1.7.19

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ARCHITECTS AND ENGINEERS

The P-Tec Speaker, model V-1001, shall consist of a speaker, amplifier, volume control and baffle. The V-1001 is lightweight and easy to mount using a patented push/lock system.

The V-1001 P-Tec Speaker frequency response shall be 95 Hz to 16 kHz. The output shall be 93 dB at 4ft (1.22m).

The V-1001 P-Tec Speaker amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C). Humidity range shall be 0-95%, non-condensing.

The V-1001 P-Tec Speaker baffle is designed for mounting on acoustic tile, such as those normally found in suspended-ceilings and

can be mounted without cutting large holes in the tile. The mounting pins can be removed for mounting in a hard ceiling. The speaker housing has screw holes for securing speaker without mounting pins.

The V-1001 P-Tec Speaker is constructed of sturdy plastic with a white finish. The V-1001 has an externally accessible volume control that can be adjusted by a screwdriver through the side hole on the housing. The V-1001 shall be suitable for indoor applications.

The maximum dimensions shall be: 8.00in Dia x 2.50in H (20.32cm x 6.35cm). Weight shall be approximately: 0.75lbs (0.34kg).

Warranty information may be found on our website at www.valcom.com/warranty.