

Technical Specifications

V-9933A Noise Sensing Volume Control

- Constantly monitors the area and automatically adjusts the volume on the paging speakers
- Use one per zone and/or one per noise area
- Solid-state design
- Low power requirements
- Self-contained or optional remote sensing device



Wall Mount

Description:

The V-9933A Noise Sensing Volume Control is designed to electronically adjust the level of a page by monitoring ambient noise levels in an area of a building. Each V-9933A will control the audio for up to 150 Valcom one-way amplified speaker assemblies in a single zone. The V-9933A is ideal for manufacturing facilities, commercial printing companies, auto repair shops or any setting where ambient noise levels are constantly changing.

SPECIFICATIONS

INPUT

Input impedance: 25k Ohms

OUTPUT

Output impedance: 8 Ohms

Output level: -10 dBm nominal

FREQUENCY RESPONSE

50-12kHz +3dB

POWER REQUIREMENTS

150 mA @ -24 Vdc

CAPACITY

Controls volume of up to 150 one-way self-amplified speakers

CONTROLS

Noise sensing volume control via dipswitch settings
Sensitivity adjustment control

ENVIRONMENT

Temperature: +32 to +104°F (0 to +40°C)

Humidity: 0-85% Non-condensing

HOUSING AND FINISH

Gray painted aluminum alloy

DIMENSIONS AND WEIGHT

7.30in H x 4.50in W x 2.00in D

(18.54cm x 11.43cm x 5.08cm)

Weight: 0.90lbs (0.41kg)

Shipping Weight: 3.50lbs (1.58kg)

ACCESSORIES

V-9934 Remote Microphone

2022 Rev 1.8.11

Technical Specifications

ARCHITECTS AND ENGINEERS

The Noise Sensing Volume Control, model V-9933A, shall provide automatic paging level adjustments in areas where ambient noise levels are continuously changing. The V-9933A shall have the capacity to control up to 150 one-way amplified speakers.

The V-9933A Noise Sensing Volume Control impedance shall be 25K Ohms. The V-9933A output impedance shall be 8 Ohms. Output level shall be -10 dBm nominal. The frequency response shall be 50-12k Hz +3dB.

The V-9933A Noise Sensing Volume Control shall operate on a -24

Vdc nominal power supply. Operating current shall be 150 mA @ 24 Vdc. Operating temperature shall be +32 to +104°F (0 to +40°C)

The V-9933A Noise Sensing Volume Control shall be constructed of aluminum alloy with a gray painted finish.

The maximum dimensions shall be: 7.30in H x 4.50in W x 2.00in D (18.54cm x 11.43cm x 5.08cm). Weight shall be approximately: 0.90lb (0.41kg).

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