



## Valcom V-1022C One-way Wall Speaker Specifications and Datasheet

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**Valcom V-1022C One-way Wall Speaker**



In the realm of modern technology, clear and effective communication is a vital component of any organization's success. One company that understands this well is Valcom, Inc., a leader in providing cutting-edge communication solutions. Their Valcom V-1022C One-Way Wall Speaker is a testament to their commitment to excellence in this field.

## **Introduction**

In the world of communication technology, Valcom has consistently delivered innovative solutions that enhance the way we connect and communicate. The Valcom V-1022C One-Way Wall Speaker stands as a testament to their commitment to quality, durability, and effective communication. Its exceptional features, reliable performance, and adaptability to diverse environments make it a valuable asset for organizations looking to enhance their communication systems.

## **FEATURES**

- UTILIZES STANDARD CAT 3, 5, OR 6 CABLE
- EXCELLENT VOICE AND MUSIC REPRODUCTION
- EXTERNALLY ACCESSIBLE VOLUME CONTROL
- WIDE SOUND DISPERSION
- ELECTRICALLY, AND ACOUSTICALLY MATCHED PARTS
- ATTRACTIVE WALNUT FINISH

## **DESCRIPTION**

Wall surface mounted speaker assembly complete with speaker, amplifier, built-in volume control, sloped baffle, and mounting bracket.

## **Specifications**

- **SPEAKER ELEMENT**

- **Cone Diameter:** 8.0" (20.32 cm)
- **INPUTS**
  - **Impedance:** > 600 Ohms nominal
  - **Signal Level:** -15 dBm line level
- **OUTPUT**
  - **Rating:** > 96 dB @ 4' (1.22 m)
  - **Signal/Noise Ratio:** -70 dB
- **FREQUENCY RESPONSE**
  - 80 Hz to 15 kHz
- **POWER REQUIREMENTS**
  - **Current Draw:** 50 mA
  - **Voltage:** -24 Vdc
- **ENVIRONMENT**
  - **Temperature:** -4 to +131 °F (-20 to +55°C)
  - **Humidity:** 0-95% Non-Condensing
- **HOUSING AND FINISH**
  - **Baffle:** Constructed of 0.5" (1.27 cm) particle board
  - **Finish:** Covered with dark walnut vinyl with light brown open-weave grille cloth.
- **DIMENSIONS AND WEIGHT**
  - **Dimensions:** 10.75 "H x 9.75 "W x 5.0 "D (Top) 3.75 "D (Bottom) (27.305 cm x 24.765 cm x 12.7 cm (top) 9.525 cm (bottom))
  - **Weight:** 4.5 lbs (2.025 kg)
  - **Shipping Weight:** 5.5 lbs (2.475 kg)

## ARCHITECTS AND ENGINEERS

- The Wall Speaker, Model V-1022C shall consist of a 45-ohm speaker, amplifier, volume control, and sloped baffle. The speaker, housing, and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.
- The speaker element shall be cone-type with a 5 oz (142 g) ceramic magnet. The diameter of the speaker cone shall be 8.0" (20.32 cm). Voice coil diameter shall be .75" (1.91 cm). Voice coil impedance shall be 45 ohm.
- The amplifier shall have a frequency response of 80 Hz to 15 kHz. Distortion shall be less than 1.5% at a rated output of 1 watt RMS. Signal to noise ratio shall be -70 dB. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. The operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C).
- A screwdriver adjustable volume control shall be provided on the unit. This volume control shall be externally accessible, making it possible to adjust the volume level of the speaker without the removal of the unit.
- The baffle shall be constructed of .5" (1.27 cm) particle board covered with dark walnut vinyl with light brown open-weave grille cloth.
- Maximum dimensions of the housing shall be 10.75 "H x 9.75 "W x 5.0 "D (Top) 3.75 "D (Bottom) ( 27.305 cm x 24.765 cm x 12.7 cm (top) 9.525 cm (bottom). Approximate weight is 4.5 lbs (2.025 kg).

## Applications Across Industries

The Valcom V-1022C One-Way Wall Speaker finds its applications in various industries, including educational institutions, healthcare facilities, retail spaces, corporate offices, and public spaces. Its versatility makes it an ideal choice for both routine communication and emergency announcements.

## LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair, or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and factory-sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. and all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor)

This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.

## Valcom, Inc

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## Contact Details

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## FAQs

What are the key features of the Valcom V-1022C One-Way Wall Speaker?

The Valcom V-1022C offers several key features, including the ability to utilize standard Cat 3, 5, or 6 cables, excellent voice and music reproduction, externally accessible volume control, wide sound dispersion, electrically and acoustically matched parts, and an attractive walnut finish.

What are the specifications of the speaker element in the Valcom V-1022C?

The speaker element has an 8.0-inch (20.32 cm) cone diameter and an impedance greater than 600 Ohms nominal. The signal level is -15 dBm line level.

What is the output rating and signal-to-noise ratio of the Valcom V-1022C?

The speaker has a rating of > 96 dB at 4 feet (1.22 meters), and the signal-to-noise ratio is -70 dB.

What is the frequency response of the Valcom V-1022C One-Way Wall Speaker?

The speaker offers a frequency response ranging from 80 Hz to 15 kHz.

What are the power requirements for this speaker?

The Valcom V-1022C requires a current draw of 50 mA at -24 Vdc.

Can this speaker withstand different environmental conditions?

Yes, it can. The Valcom V-1022C is designed to operate in temperatures ranging from -4 to +131 °F (-20 to +55°C) and is capable of handling humidity levels from 0% to 95% non-condensing.

Is the volume control externally accessible?

Yes, the speaker features an externally accessible volume control, which allows you to adjust the volume without removing the unit.

What is the housing and finish of the Valcom V-1022C made of?

The baffle of the speaker is constructed of 0.5-inch (1.27 cm) particle board and is covered with dark walnut vinyl with light brown open-weave grille cloth.

Does Valcom offer a warranty for the V-1022C One-Way Wall Speaker?

Yes, Valcom, Inc. provides a limited warranty for its products, including the V-1022C. The warranty period is one year from the date of shipment, and it covers defects in materials and workmanship under normal use conditions.

Can the Valcom V-1022C utilize standard Cat 3, 5, or 6 cables?

Yes, this speaker is designed to utilize standard Cat 3, 5, or 6 cables, providing flexibility and ease of installation.

What is the recommended use for the built-in volume control of the V-1022C speaker?

The built-in volume control is recommended for adjusting the volume level of the speaker without the need to remove the unit. It allows you to customize the audio output to suit your needs.

Is the Valcom V-1022C suitable for outdoor use?

The V-1022C is primarily designed for indoor use. It is not specifically rated for outdoor environments, so it's best suited for applications within controlled indoor spaces.

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