

## Valcom V-1080-BGE

# Valcom V-1080-BGE One-Way 3-Watt Amplified FlexHorn User Manual

Model: V-1080-BGE | Brand: Valcom

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Valcom V-1080-BGE One-Way 3-Watt Amplified FlexHorn. Please read this manual thoroughly before using the product to ensure proper function and safety.

The Valcom V-1080-BGE is a waterproof, compact, and corrosion-resistant amplified horn designed for various applications. It features a built-in amplifier and volume control, and can be surface or recess mounted using the included adjustable bracket.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

- Always disconnect power before installation or servicing.
- Ensure all wiring complies with local and national electrical codes.
- Do not expose the unit to extreme temperatures outside its operating range.
- Use only specified power sources and wiring.

## 3. PACKAGE CONTENTS

- Valcom V-1080-BGE Amplified FlexHorn
- Mounting Bracket
- Installation Hardware (screws, washers - may vary)

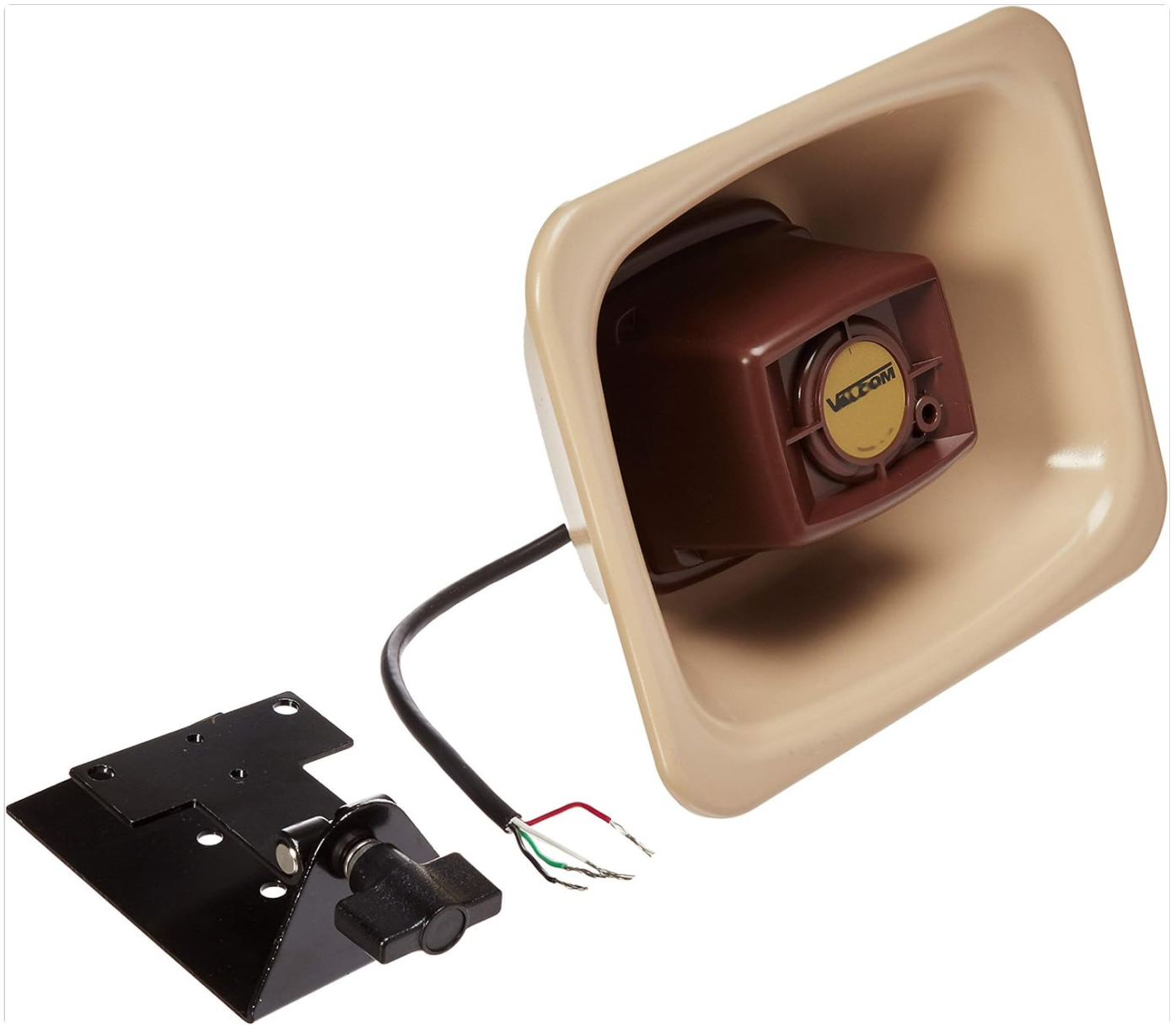


Image 1: Valcom V-1080-BGE Amplified FlexHorn showing the main horn unit, attached wiring, and the separate mounting bracket.

## 4. SETUP AND INSTALLATION

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### 4.1 Mounting Options

The V-1080-BGE can be mounted on a surface or recessed. The adjustable bracket allows for mounting on either a horizontal or vertical plane.

1. **Surface Mount:** Secure the mounting bracket to the desired surface using appropriate screws. Attach the FlexHorn to the bracket and adjust the angle as needed.
2. **Recess Mount:** Cut an opening in the mounting surface that accommodates the horn's body, leaving the front flange exposed. Secure the horn using appropriate fasteners. The bracket may not be required for recess mounting depending on the installation method.

### 4.2 Wiring

The unit utilizes standard Telcom/Datacom wiring (CAT 3/5/6). Ensure proper polarity and secure connections.

- Connect the audio input wires from your communication system to the FlexHorn's input terminals.
- Connect the power supply wires (if separate) according to the system requirements. The horn has a built-in amplifier

and requires power.

- Refer to your communication system's manual for specific wiring diagrams and power requirements.

## 5. OPERATING INSTRUCTIONS

The Valcom V-1080-BGE is designed for one-way audio broadcasting. Once properly installed and powered, it will amplify and broadcast audio signals received from the connected communication system.

### 5.1 Volume Control

The horn features a built-in volume control. Locate the volume adjustment knob or screw on the unit (typically on the rear or side) and rotate it to achieve the desired sound level. Test the volume in the intended listening area.

### 5.2 System Integration

Integrate the FlexHorn with your existing paging or communication system. Ensure the output from your system is compatible with the horn's input specifications.

## 6. MAINTENANCE

The Valcom V-1080-BGE is designed for durability and requires minimal maintenance.

- **Cleaning:** Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check wiring connections for security and signs of corrosion or damage.
- **Waterproof Feature:** While waterproof, avoid submerging the unit. Ensure all seals and covers are intact if the unit is exposed to water.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from horn	No power; Incorrect wiring; Volume too low; Faulty audio source	Check power supply; Verify wiring connections; Adjust volume control; Test audio source
Distorted or low sound	Incorrect volume setting; Damaged wiring; Impedance mismatch	Adjust volume; Inspect and repair wiring; Consult system specifications for impedance compatibility
Intermittent sound	Loose connections; Faulty wiring; Intermittent audio source	Check and secure all connections; Inspect wiring for damage; Verify audio source stability

If troubleshooting steps do not resolve the issue, contact Valcom technical support.

## 8. SPECIFICATIONS

- **Model:** V-1080-BGE
- **Type:** One-Way Amplified FlexHorn
- **Power Output:** 3 Watts
- **Power Source:** Corded Electric
- **Wiring:** Utilizes standard Telcom/Datacom wiring (CAT 3/5/6)

- **Mounting:** Surface or Recess Mount (adjustable bracket included)
- **Special Features:** Waterproof, Corrosion Resistant, Built-in Volume Control, Built-in Amplifier
- **Color:** Beige
- **Dimensions:** Approximately 3.3 x 8.3 x 6.8 inches (8.38 x 21.08 x 17.27 cm)
- **Weight:** Approximately 1 pound (0.45 kg)
- **Manufacturer:** Valcom
- **UPC:** 799111004846

## 9. WARRANTY AND SUPPORT

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The product information states "No Warranty". For technical support or further assistance, please contact Valcom directly through their official website or customer service channels.

Valcom Contact Information: [www.valcom.com/contact](http://www.valcom.com/contact) (Example link, actual link may vary)

