

Vandal-Resistant Speakers

Models VRS1 & VRS2



Features

- Heavy-duty vandal-resistant and weather-resistant construction
- 8-ohm or 25V (1/2 watt) operation
- Call-in switch on VRS1 can be wired for “momentary” or “latching” operation
- One-way security hardware included

Description

The Bogen VRS1 and VRS2 are vandal-resistant speakers designed for hands-free two-way communications.

The VRS1 and VRS2 each consist of a 3-inch, weather-resistant, cone-type speaker and a 25V transformer (tapped at 1/2 watt). The transformer can be bypassed for 8-ohm operation. The speaker and transformer are mounted on a #11-gauge stainless steel faceplate. The speaker is protected from harm by the faceplate, a baffle plate with stamped perforations, and a grille screen.

The VRS1 includes a heavy-duty metal push button switch that protrudes slightly from the faceplate and can be used to initiate a call to a control center. The switch can be wired for use with systems that require a momentary contact closure for call annunciation (e.g., MULTICOM 2000), and includes a silicone-controlled rectifier circuit for use with systems that require “latching” operation (e.g., Multi-Graphic).

The VRS1 and VRS2 each have a 5-1/2" W x 7-3/4" H faceplate and should be mounted to a 2-1/2" deep dual-gang box (4-1/2" W x 6-13/16" H), such as the Thomas & Betts Model H2BD-3/4 & 1 or equivalent.

Architect and Engineer Specifications

The vandal-resistant speaker shall be a Bogen Model [VRS1] [VRS2], or approved equivalent. It shall provide for hands-free, two-way communication. The vandal-resistant speaker assembly shall consist of a 3-inch, weather-resistant, cone-type speaker, and a 25V line-matching transformer tapped at 1/2 watt. It shall be possible to bypass the transformer when 8-ohm operation is desired.

All components shall be mounted to a #11-gauge stainless steel faceplate. The speaker shall be protected by the faceplate and by a baffle plate with stamped perforations and a grille screen. The faceplate shall measure 5-1/2" W x 7-3/4" H, and shall include mounting holes corresponding to the location of threaded holes on a 2-1/2" deep dual-gang box (4-1/2" W x 6-13/16" H), such as the Thomas & Betts Model H2BD-3/4 & 1 or equivalent.

(Use for VRS1) The speaker station shall include a heavy-duty metal push-button type switch, which shall be wired to provide for call-in to the control center. It shall be possible to wire the switch for use with systems that require a momentary contact closure for call annunciation. A silicone-controlled rectifier circuit shall be included for use with systems that require “latching” operation for call annunciation.



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