

Technical Specification

FEATURES:

- Replaces Most 45 Ohm Based School Intercoms
- 8 I/Os For Connection To 45 Ohm Speakers
- 8 Inputs For Call Switches
- 2 Line Level Outputs For Direct Connection To One Way Audio Systems
- 2 Form A Relay Contacts
- Override Audio Input (VOX or CC)
- Power Over Ethernet 802.3af Compliant
- Easy Windows Based Setup
- No Server Required
- 1 to 11 Digit Dial Plans
- Front Panel Status LED
- Compatible With Most Existing Speaker Cable
- Scalable To Thousands Of Intercom Stations/Zones
- 19" Rack Mount Design (1U)
- Convenient Screw Terminal Connectors
- Volume Control Per Zone



DESCRIPTION:

The VE8045 8 Port 45 Ohm Talkback Gateway provides 8 two-way intercom channels for use with 45 Ohm speakers and 8 call button inputs. Stations 7 and 8 feature both 2-way audio outputs and parallel line level outputs. These line level outputs may be connected to amplifiers or self-amplified speakers in order to provide one way audio to common areas. POE power makes installation as easy as plugging in an RJ45 from an 802.3af compliant power over Ethernet switch. The override audio input may be triggered via VOX or contact closure. System relays may be utilized for visual signaling during announcements or for door unlock functionality. System capacity is virtually unlimited.

Specifications:

Nominal Specifications

Line Out Impedance: 100 Ohms
 Line Out Audio Level: -10 dBm
 Aux In Impedance: 4.4k Ohms
 Relay Contact Rating: 1 Amp @ 30 VDC
 Protocols: DHCP, IGMP v3, UDP, TCP, HTTP, Telnet, FTP
 25 Volt Power Out: ½ Watt Per Station

Environment

Temperature +32 to +104 degrees F
 (0 to +40 degrees C)
 Humidity: 0 to 85% non-precipitating

Dimensions/Weight (VE8048)

16.50" x 1.75" x 9.50" (41.91 cm x 4.45 cm x 24.13 cm)
 Weight: 3.00 lbs. (1.36 kg)



ARCHITECTS' AND ENGINEERS

The 8 Port 45 Ohm Talkback Gateway, model number VE8045, shall provide 8 two-way intercom channels for use with 45 Ohm speakers and 8 call button inputs. Stations 7 and 8 shall feature both 2-way audio outputs and parallel line level outputs. These line level outputs may be connected to amplifiers or self-amplified speakers in order to provide one way audio to common areas. The VE8045 shall be powered via 802.3af compliant power over Ethernet. The unit shall feature an override audio input that may be triggered via VOX or contact closure. System relays may be available for visual signaling during announcements or for door unlock functionality. System capacity shall be virtually unlimited.

The maximum dimensions shall be: 16.50" x 1.75" x 9.50" (41.91 cm x 4.45 cm x 24.13 cm). Shipping Weight shall be approximately: 3.00 lbs. (1.36 kg).

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 that 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. 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.