

**SUPERVISED IDF
MODEL VLIDF-S****FEATURES:**

- WIRE MONITORING FOR UP TO 12 SPEAKER RUNS
- RJ45 AND 110 CONNECTIONS FOR SPEAKER RUNS
- AUDIBLE AND VISUAL FAULT INDICATOR PER WIRE RUN
- SWITCH SELECTABLE FOR 1 OR 2 ZONE CONFIGURATION
- OPERATES ON -24 VDC POWER SUPPLY
- 19 INCH RACK MOUNT 1 RU

**DESCRIPTION:**

The VLIDF-S provides audio, 24VDC and wire monitoring for up to 12 self amplified speaker runs in a single zone configuration or may be configured for 2 paging zones with 6 speaker runs in each zone. Up to 80 Valcom Power Units are available for Valcom self-amplifier speakers. The unit provides both audible and visual indication of wire faults. The VLIDF-S is mounted on a slide out rack mountable shelf allowing access to all connections.

CONTROLS/INDICATORS

Panel Front
Red Alarm Led
Power Indicators (Green)
Pushbutton Switch (Fault Silence)
Individual Speaker Line Status Indicators (Red Led's)
Buzzer for Audible Alarm

AUDIO INPUT CONNECTIONS

Number of inputs: 2
Input Connector: 110 Terminals

AUDIO OUTPUT CONNECTIONS

Speaker Cable Connection: 8 Position 110 Terminals and RJ45

ADDITIONAL CONNECTIONS

Alarm Output: Screw Terminals

AUXILIARY POWER OUTPUTS

2 @ 24Vdc, 100mA each

HOUSING AND FINISH

Steel housing constructed from 18 gauge steel finished with a baked-on black powder coat epoxy finish

ENVIRONMENT

Temperature: 0 to 50 °C (32 to 122 °F)
Humidity: 0 to 85% Non-Precipitating

DIMENSIONS AND MOUNTING

19" W X 1.75" H X 12.5" D
48.26cm W x 4.45cm H x 31.75cm D
19" Rack Mount 1 RU

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL VLIDF-S SUPERVISED IDF

The VLIDF-S is a 19" rack mounted wire supervisory device compatible with Valcom Services' supervised amplified speakers. It is mounted on a slide out shelf that takes up one rack space (1 RU).

The VLIDF-S can be configured as a single zone device or a two zone device. It provides audio, 24VDC and wire monitoring for up to 12 self amplified speaker runs in a single zone configuration or 6 amplified speaker runs in each zone in the two zone configuration.

Up to 80 Valcom Power Units are available for Valcom Services' supervised self-amplified speakers when used with the VP-6124 Power Supply. When the VP-6124-UPS Charger and VBB-1424 Battery Box is added to the IDF rack, the system is provided with battery back-up in the event of an ac power failure.

The VLIDF-S continuously monitors the speaker runs for both opens or shorts and provides both audible and visual indication of wire faults. In the event of a speaker run wire fault, the VLIDF-S provides a red LED indication identifying which speaker run has the fault and sounds a local buzzer on the panel for an audible alarm. Additional contacts provide indication of the wire fault to other locations or equipment. A pushbutton on the front of the panel provides audible alarm silencing but does not affect the visual alarm or contact notifications. Once the fault is removed, all alarm notifications are automatically reset.

Accessories include the VLEOL End of Line Module which must be used on each supervised wire run.

The VLIDF-S housing is constructed from 18 gauge steel finished with a baked-on black powder coat epoxy finish.

The maximum dimensions shall be: 19" W X 1.75" H X 12.5" D (48.26cm W x 4.45cm H x 31.75cm D)

Limited Warranty

Valcom Services L.L.C. 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 Services L.L.C. 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 Services L.L.C. 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 Services L.L.C. 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.