Technical Specifications

VL520-F IP Speaker-with-Text

- ADA compliant
- Easy to read multi color LED display
- SIP enabled
- Dual flashers
- PoE for simple installation
- Paging, intercom, clock, visual messaging and emergency alerts
- High quality audio with software volume control
- **ShakeAlert**® compatible
- Call switch inputs quality
- Quick and easy installation
- Available in black (VL520BK-F), metallic (VL520M-F)
- InformaCast® and Intrado Revolution® versions available
- Indoor use only
- UL and cUL listed

Compact 20-inch wide dual side mounted flasher

Description:

The VL520-F IP Speaker-with-Text provides high-quality voice paging, intercom, clock, and customizable visual notification in an all-in-one IP Endpoint. Perfect choice for indoor spaces such as cafeterias, auditoriums, gymnasiums, waiting areas, and conference rooms.

SPECIFICATIONS

AUDIO OUTPUT
Rating: > 96 dB @ 4ft (1.22 m)
Signal/noise ratio: -70

NETWORK
10/100 Mbps Ethernet
Manual or Dynamic Host Configuration Protocol (DHCP) IP address assignment.
Time and date synchronization using NTP

PROTOCOLS
IETF SIP (RFC3261)
IETF IGMP version 2 or 3 (RFC2236, RFC3376)
IETF RTP (RFC1889)
IETF RTP Payload for DTMF (RFC2833)

POWER REQUIREMENTS
802.3at (Power over Ethernet+ PoE Plus) Class 4

FREQUENCY RESPONSE
80 Hz to 15 kHz

AUDIO CODECS
G.711 u-law, others

AUXILIARY RELAYS
Form C Relay rated at 1A @ 24 Vdc

ENVIRONMENT
Temperature: +32 to +131 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH
Aluminum case with black or metallic finish

DIMENSIONS AND WEIGHT
20.38in W x 5.50in H x 2.50in D
(51.80cm x 14.00cm x 6.40cm)
Weight:
VL520BK-F: (Black) 4.60lb (2.10kg)
VL520M-F: (Metallic) 5.95lb (2.70kg)
Shipping Weight: 11.00lbs (4.95kg)

ACCESSORIES
VL-TL3 Threat Level Indicator

2024 Rev. 3.6.4

ARCHITECTS AND ENGINEERS

The IP Speaker with Text, model VL520-F, shall provide a highly visible message output and voice paging over an Ethernet network. Messages shall be created and delivered from the Valcom Application server (VE6025). Audio messages shall be created from any Valcom IP Paging source.

The VL520-F IP Speaker with Text shall consist of a high-efficiency speaker, high visibility message display, and dual flashers. Speaker output and LED display can be activated together or separately; The Display can operate as a clock or provide another message during idle periods.

Power is provided to the VL520-F via a Power over Ethernet (PoE) switch meeting the 802.3at specification. The setup of the VL520-F shall be done via the Valcom IP Solutions Setup Tool.

The VL520-F case shall be constructed of aluminum with a black or metallic finish. The VL520-F shall be suitable for indoor applications.

The maximum dimensions shall be: 20.38in W x 5.50in H x 2.50in D (51.80cm x 14.00cm x 6.40cm). VL520BK-F weight shall be approximately: 4.60lb (2.10kg).VL520M-F weight shall be approximately 5.95lb (2.70kg).

The VL520-F shall be UL and cUL listed.

Warranty information may be found on our website at www.valcom.com/warranty.