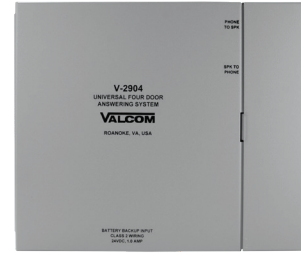


Technical Specifications

V-2904 Universal Door Answering System

- Door unlock contact closure (strike-plate required)
- Alarm functions
- Transmit and receive volume controls
- Background music input with volume control
- Built-in ring generator with on/off switch
- 3 distinctive ring patterns
- Programmable options include:
 - Door unlock codes
 - Number of ring cycles before door request is terminated
 - Time the door remains unlocked
- Requires -24 Vdc, 600mA (filtered)
- Places simultaneous calls in queue



4 door
Door unlock capability

Description:

The V-2904 is a Universal Four Door Intercom System. When paired with Valcom's Door Plate Speakers voice paging and handsfree talkback reply is activated for up to four doors from any telephone location. Similar to other Valcom's door entry systems, the V-2904 enables you to have the extra security you need for your organization. With a push of the button, your visitor initiates a two-way communication from the door speaker to the telephone. Once the visitor is identified then you are able to dial a code on the phone that unlocks the door..

SPECIFICATIONS

INPUT

Input Impedance: 600 Ohms

Input level: -10 dBm nominal

OUTPUT

Output Impedance: 45 Ohms

Output level: 1-Watt nominal

SENSITIVITY

Voice switch sensitivity: -26 dBm

RING SUPPLY

90 Vac, 30Hz

POWER REQUIREMENTS

-24Vdc filtered, 600mA minimum

AUXILIARY RELAYS

4 Form C make-break contacts (1 for each door)

Rated 2 Amps at 30 Vdc

CONTROLS

Speaker to phone volume control

Phone to speaker volume control

Ringer on/off switch control

ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)

Humidity: 0 to 85% non-condensing

HOUSING AND FINISH

Gray painted aluminum alloy

DIMENSIONS AND WEIGHT

8.60in H x 11.00in W x 2.30in D

(21.84cm x 27.94cm x 5.84cm)

Weight: 3.10lbs (1.41kg)

Shipping Weight: 6.80lbs (3.06kg)

ACCESSORIES

VPB-260 Battery Back-up Supply

2022 Rev. 1.8.3

Technical Specifications

ARCHITECTS AND ENGINEERS

The Universal Four Door Answering System, model V-2901A, shall provide voice paging with handsfree reply to up to four doors from any telephone location. The V-2904 initiates ring-in on the telephone system and sends a confirmation tone to the door speaker. The individual at the phone responding to the signal will determine if access should be allowed. Pressing a programmed code on the telephone dialpad or pressing the remote button will unlock the door to allow admission. The V-2904 also provides an alarm control output to alert an unauthorized entry.

The V-2904 Universal Four Door Answering System shall be used with a dedicated single line telephone set, a loop start trunk port of a PABX or C. O. Line Position of an E-Key System.

The V-2904 Universal Four Door Answering System shall have a power consumption of -24 Vdc at 600 mA. Input impedance shall

be 600 Ohms. Input level shall be -10 dBm nominal. Voice switch sensitivity shall be -26 dBm. Output impedance shall be 45 Ohms. Ring supply shall be 90 Vac, 30 Hz.. Operating temperature shall be +32 to 104 °F (0 to + 40 °C). Operating humidity level shall be 0% to 85% non-condensing.

The V-2904 Universal Four Door Answering System shall be constructed of gray painted aluminum alloy.

The maximum dimensions shall be: 8.60in H x 11.00in W x 2.30in D (21.84cm x 27.94cm x 5.84cm). Weight shall be approximately: 3.10lbs (1.41kg).

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