Technical Specifications

V-ACS25/V-ACS45 Advanced Communication System

- Compact wall mount design
- 24 Talkback Stations
- Expandable to 72 Talkback Station
- Dual FXS ports
- SIP accessible (with additional equipment)
- Windows® based programming and administrative software
- Up to 1 hour of custom WAV file storage
- 24 flexible audio groups
- Programable switch and relays
- Quick and easy installation
- Integrated clock correction
- 8 bell schedules
- Clock synchronization

25 Volt or 45 Ohm
24 Zones
Expandable from 24 to 72 Zones

Description:

The V-ACS25/V-ACS45 Advanced Communication System is a compact, wall mounted intercom system designed to meet the needs of small to medium size facilities. The ACS is easy-to-install and integrates with any telephone system or a standalone phone. It is programmed with a user-friendly Windows based software that helps you to easily manage schedules, caller ID descriptions from call buttons, alert tones, department moves or room changes. The ACS works with your existing systems to give you the flexibility to manage your daily operations over your network. Available in 24, 48 and 72 zone configurations.

SPECIFICATIONS

AUDIO INPUT
Input impedance: 8 to 600 Ohms
Input Level: -10 dBm nominal

AUDIO OUTPUT
V-ACS25
24 Vdc with 1-Watt maximum load
V-ACS45
Output impedance: 45 ohms
Output level: 1-Watt nominal

POWER REQUIREMENTS
4A @ 24 Vdc

ENVIRONMENT
Temperature: +32 to +104 °F (0 to +40 °C)
Humidity: 0-85% Non-condensing

HOUSING AND FINISH
Gray painted aluminum alloy

DIMENSIONS AND WEIGHT
16.15in W x 10.38in H x 4.00in D
(41.30cm x 26.36cm x 10.16cm)
Weight: 12.22lbs (5.54kg)
Shipping Weight: 13.30lbs (5.99kg)

MOUNTING
Wall mount

ACCESSORIES
V-ACS-X48/25 expands the V-ACS25 system to 48 Zones
V-ACS-X72/25expands the V-ACS25 system to 72 Zones
V-ACS-X48/45 expands the V-ACS45 system to 48 Zones
V-ACS-X72/45 expands the V-ACS45 system to 72 Zones

ARCHITECTS AND ENGINEERS

The Advanced Communication System, model V-ACS25/V-ACS45, shall be a wall mounted compact intercom system featuring 24 speaker circuits. The V-ACS25 shall be a 25 Volt, 24 zone intercom system. The V-ACS45 shall be a 45 Ohm, 24 zone intercom system,

The V-ACS25/V-ACS45 Advanced Communication System shall be expandable to 72 speaker circuits via the addition of matching wall mounted expansion cabinet. The intercom system shall utilize 45-Ohm or 25-Volt speakers and shall feature a call button input per speaker circuit. Eight integrated calendar-based bell schedules, dual auxiliary audio inputs and 2 FXS style talk paths shall be standard. Access via SIP shall be easily accomplished. The V-ACS25/V-ACS45 shall feature an internal field wiring system and Windows based programming and user administration software tools,

The V-ACS25/V-ACS45 Advanced Communication System power requirements shall be 4 Amp at 24 Vdc. Auxiliary audio input impedance shall be 8 to 600 Ohms. Input level shall be -10 dBm nominal. The V-ACS25 audio output shall be 25 Vdc with 1-Watt maximum load, The V-ACS45 audio output impedance shall be 45 Ohms and output level shall be 1-watt nominal. Operating temperature shall be +32 to 104 °F (0 to + 40 °C). Operating humidity level shall be 0% to 85% non-condensing.

The V-ACS25/V-ACS45 Advanced Communication System shall be constructed aluminum alloy with gray painted finish and shall be wall mountable.

Expansion Cabinets shall provide additional talkback stations. The V-ACS-X48/25 expands V-ACS25 to 48 zones, 25 Volts. The V-ACS-X48/45 expands V-ACS45 to 48 zones, 45 Ohms. The V-ACS-X72/25 expands V-ACS25 to 72 zones, 25 Volts. The V-ACS-X72/45 expands V-ACS45 to 72 zones, 25 Ohms.

The maximum dimensions shall be: 16.15in W x 10.38in H x 4.00in D(41.30cm x 26.36cm x 10.16cm). Weight shall be approximately: 12.22lbs (5.54kg).

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