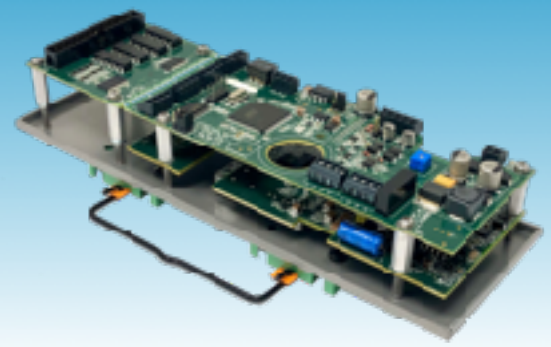


V-Com

Model VCOM-VC16K

16-Zone Intelligent Intercom Station Kit



INTERCOM

Our V-Com stations provide facility-wide intercom using Dante™ or AES67 based audio networks.

FEATURES:

- ▶ 16 Configurable Ring Zone Button Inputs
- ▶ 16 Indicator Outputs
- ▶ Dante & AES67 Network Audio
- ▶ Seamless Q-Sys Integration
- ▶ Audio, Control, and Power over Ethernet
- ▶ SFP Ethernet Support
- ▶ Magnetic Hangup Sensor
- ▶ User-Adjustable Receiver Volume
- ▶ Configurable LED Brightness
- ▶ Mounts on a Standard DIN Rail

APPLICATIONS:

- ▶ Theme Park attractions
- ▶ Museums
- ▶ Arenas
- ▶ Transportation Systems

V-Com is the industry's first fully configurable intercom system that utilizes industry-standard network audio protocols like Dante and AES67. All configuration and monitoring of your system can be managed in a Q-Sys core using intuitive plugins allow you to configure the V-Com network, assign ring zones, and setup button and light behaviors for each station.

The V-Com VC16K station kit was created specifically for custom console applications. It's designed to mount on a standard DIN rail inside the console and provides terminals for remotely wiring panel-mounted buttons, indicators, and the included intercom accessories.

A single Ethernet cable carries audio, power, and control between the V-Com station and the equipment room. SFP fiber optic network modules are also supported by V-Com stations for those hard-to-reach places. A system may incorporate up to 256 V-Com stations by simply connecting them to PoE enabled network switches and routing their Dante or AES67 audio signals to the Q-Sys core.

The V-Com VC16K kit includes several panel-mount accessories to build your custom console. This includes a piezo ringer, volume control knob, handset XLR connector, handset hook, and push-to-talk handset. It also includes our IOBB expansion board for easy access to all 16 inputs/indicators.

For applications that require an off-the-shelf station, take a look at our V-Com VC12X. This is a complete 12-button station designed to fit in a standard 8" x 10" Hoffman enclosure.

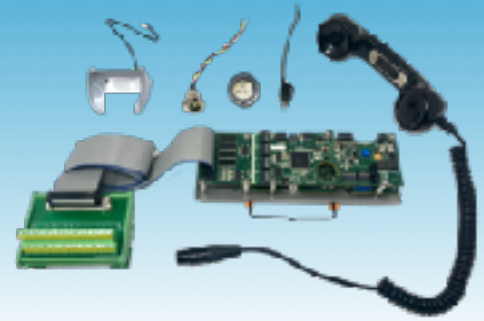


**Alcorn
McBride
Inc.**

V-Com

Model VCOM-VC16K

16-Zone Intelligent Intercom Station



INTERCOM

PRODUCT SPECIFICATIONS

Control

Controls	16 Contact-Closure Button Inputs Receiver Volume Knob
Indicators	16 Lamp Driver Outputs
Config Switches	Link Firmware Update/Factory Defaults
Network Connectors	RJ45 SFP
Protocols	UDP, TCP, HTTP, Dante, AES67

Audio

Handset Connector	Phoenix Screw Terminal 1844249 Panel-Mount Female 4-Pin XLR Harness (Included)
THD+N	<0.07%
Signal-to-Noise Ratio	>85dB
Input Impedance	>30Mohm
Frequency Response	20Hz-20kHz +/-1%
Network Audio Interface	1x1 Dante 1x1 AES67
DSP Compatibility	Q-SYS Core 110f (AES67 Only) Q-SYS Core 250i (AES67 or Dante via CDN64 I/O Card) Q-SYS Core 500i (AES67 or Dante via CDN64 I/O Card) Q-SYS Core 510i (AES67 or Dante via CDN64 I/O Card) Q-SYS Core 1100 (AES67 or Dante via CDN64 I/O Card) Q-SYS Core 3100 (AES67 or Dante via CDN64 I/O Card) Q-SYS Core 5200 (AES67 Only)

Physical

Power (PoE)	PoE Class 3 RJ45
Power (DC)	5-37VDC @ 1A Max Phoenix Terminal Block 1844210
Dimensions	9"W x 2.75"H x 2"D (229mm x 70mm x 51mm)
Weight	1.5lbs (0.7kg)
Environment	0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity
Compliance	WEEE, RoHS

