



**The CI-1 Control Interface is a device that serves as a companion product to the Vocia LSI-16 Life Safety Interface. The CI-1 requires an LSI-16 for operation. Once the required interconnections have been established, the CI-1 will operate with the LSI-16 to provide the necessary life safety functionality. The CI-1 also facilitates the necessary connections to the LSI-16 for EN 54-16 standards compliance.**

### FEATURES

- High reliability switches for Local Sounder Silence, System Test and System Fault Reset
- High level sounder for Fault/Alarm warning
- Dual power summing with power loss fault connection
- Provides terminating resistors for Alarm and Fault Inputs
- Provides terminating resistors for any unused monitored outputs
- Current limited reference voltage output
- Rack mountable (1RU)
- **CE** marked, **UL** listed and **RoHS** compliant
- Covered by Biamp Systems' warranty

### ARCHITECTS & ENGINEERS SPECIFICATION

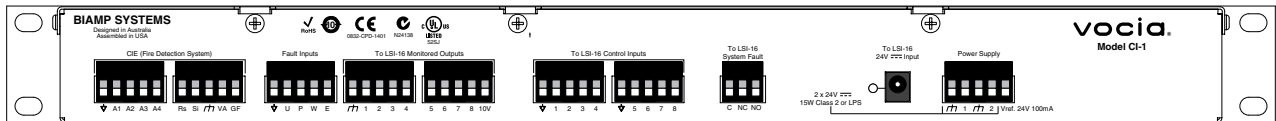
The control interface shall be designed exclusively for use with Biamp® Vocia systems in conjunction with the Vocia Life Safety Interface. The control interface shall provide a sounder to deliver audible notification of alarm, fault or trouble conditions. It shall provide switches for local sounder silence, system test and system fault reset and shall provide pass-through interconnections for connection of the Life Safety Interface to fire detection equipment, connections for Ethernet fault and power supply fault signals, required termination resistors and summing for dual 24V power supplies. The life safety interface shall be EN 54-16 Certified Product 082-CPD-1401, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years.

The control interface shall be a Vocia CI-1.

## Control Interface 1 SPECIFICATIONS

<b>Alarm Inputs:</b> Assertion: Transition from 0V to 12-24V	<b>Base Dimensions:</b> Height: 1.75 inches (44.5mm) Width: 19 inches (483mm) Depth: 10 inches (254mm)
<b>Fault Inputs:</b> Assertion: Transition from +V to 0V Maximum pull-up resistor: 2.2k $\Omega$	<b>Weight:</b> Approx 6.4 lbs. (2.8kg)
<b>Outputs:</b> Assertion: Low Pull-up Load: max 2.2k $\Omega$ Maximum External Supply: 35V Maximum Continuous Current: 350mA Current Limit: 800mA Power: 2 x 24V, 15Watts each	<b>Ambient Operating Temperature Range:</b> 32-113 degrees F (0-45 degrees C)
	<b>Compliance:</b> EU Directive 2002/95/EC, RoHS directive CE marked

## Control Interface 1 BACK PANEL



## Control Interface 1 BLOCK DIAGRAM

