



# SIEMENS ZIC-2C 2 Channel Audio Enhancement Card Instruction Manual

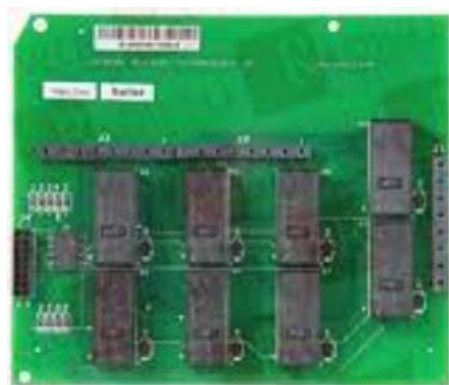
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# SIEMENS

## SIEMENS ZIC-2C 2 Channel Audio Enhancement Card



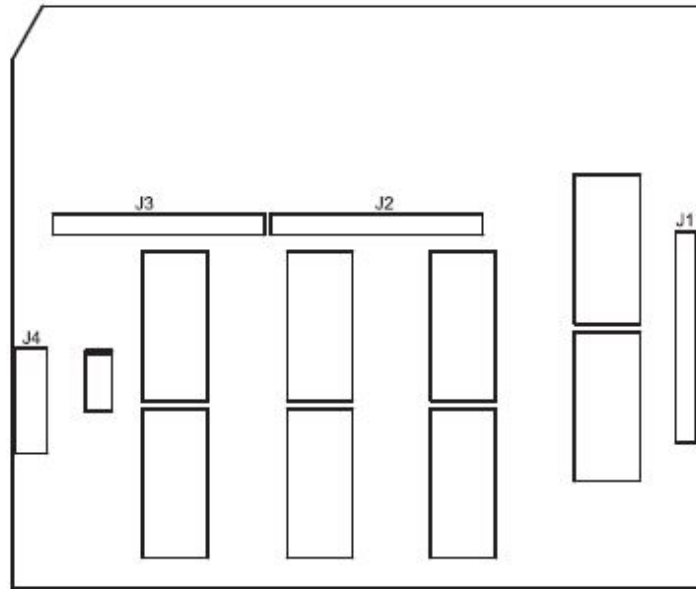
## INTRODUCTION

The Model ZIC-2C from Siemens Industry, Inc., adds support for 2 channel audio to the ZIC-8B card. The ZIC-2C

replaces the signal routing board that is installed on the ZIC-8B in the factory. The ZIC-2C mounts in the same location as the signal routing card and utilizes the same mounting hardware. Three 8 pin headers and one 20 pin header are also reused with the ZIC-2C.

**Figure 1**

ZIC-2C Two Channel Audio Enhancement Card.



## INSTALLATION

Remove all system power before installation, first battery then AC. (To power up, connect the AC first, then the battery.).

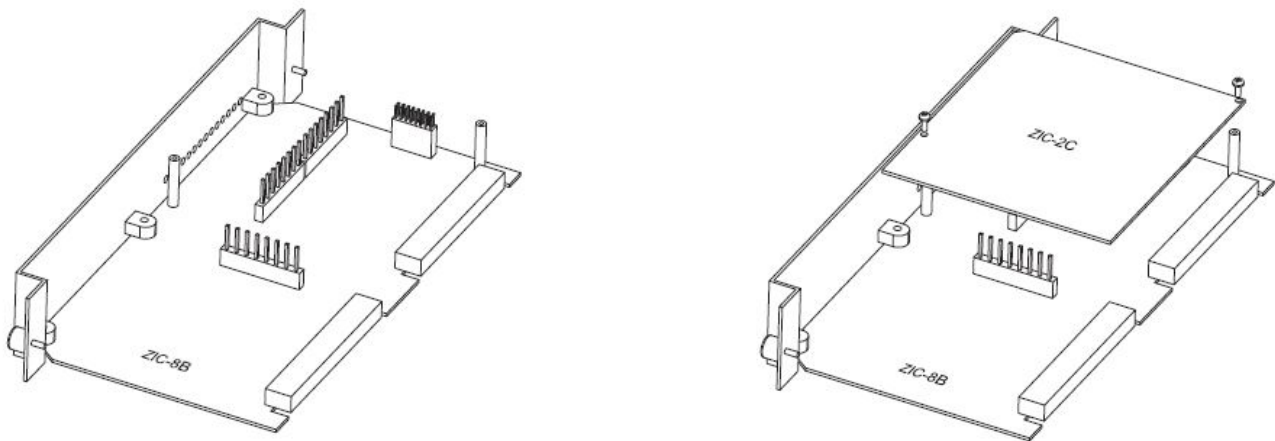
1. If the ZIC-8B is installed in the FireFinder XLS/Desigo Fire Safety Modular/Cerberus PRO Modular card cage (CC-5/CC-remove it now. If you are using a new ZIC-8B remove it from it's carton.
2. Remove the signal routing card from the ZIC-8B by removing the screws in the two mounting standoffs and gently pulling the signal routing card out of the connectors on the ZIC-8B. Save the screws. The two mounting stand-offs should remain attached to the ZIC-8B.
3. Make sure that the three 8 pin headers and one 20 pin header between the ZIC-8B and the signal routing card remain installed in J4, J5, J10 and J11 of the ZIC-8B. If these headers stayed with the signal routing card remove them and re-install them into the ZIC-8B. Check that each header is completely seated in the receptacles on the ZIC-8B. (Refer to Figure 2.)
4. Discard the signal routing card.
5. Being careful to align all of the headers and the mounting standoffs, gently press the ZIC-2C down until the headers and standoffs fully mate. Check that all of pins of the headers are inserted into the sockets on the ZIC-2C and the ZIC-8B. Secure the ZIC-2C by reusing the two screws from Step 2.
6. Install the ZIC-8B into the card cage ( CC-5/CC-2 ).

**Siemens Industry**

## WIRING

Refer to the ZIC-8B installation instructions P/N 315-048670 for wiring diagrams for two channel audio applications.

ELECTRICAL RATINGS



**Figure 2**  
The ZIC-8B After Removing The Signal Routing Card

**Figure 3**  
Installing The ZIC-2C on the ZIC-8B.

24V Back Plane Current	17mA Per active output (ZIC-8B S1 in “BP POWER” position) 0mA (ZIC-8B S1 in “EXT POWER” position)
Screw Terminal 24V Current	17mA Per active output (ZIC-8B S1 in “EXT POWER” position) 0mA (ZIC-8B S1 in “BP POWER” position)
6.2V Back Plane Current	0mA
24V Standby Current	0mA

Cyber security disclaimer


Siemens products and solutions provide security functions to ensure the secure operation of building comfort, fire safety, security management and physical security systems. The security functions on these products and solutions are important components of a comprehensive security concept. It is, however, necessary to implement and maintain a comprehensive, state-of-the-art security concept that is customized to individual security needs. Such a security concept may result in additional site-specific preventive action to ensure that the building comfort, fire safety, security management or physical security system for your site are operated in a secure manner. These measures may include, but are not limited to, separating networks, physically protecting system components, user awareness programs, defense in depth, etc. For additional information on building technology security and our offerings, contact your Siemens sales or project department. We strongly recommend customers to follow our security advisories, which provide information on the latest security threats, patches and other mitigation measures.

<http://www.siemens.com/cert/en/cert-security-advisories.htm>

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Documents / Resources

	<p><a href="#">SIEMENS ZIC-2C 2 Channel Audio Enhancement Card</a> [pdf] Instruction Manual ZIC-2C 2 Channel Audio Enhancement Card, ZIC-2C, 2 Channel Audio Enhancement Card, Audio Enhancement Card, Enhancement Card, Card</p>
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References

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