

Bose® ControlSpace® ESP-00 4-Ch line output card II

Installation Guide

CAUTIONS:

- This product is intended for installation by professional installers only.
- Do not make unauthorized alterations to the product; doing so may compromise safety, regulatory compliance, system performance, and may void the warranty.
- Electro-Static Discharge (ESD) sensitive device. Handle with care.

NOTE: The ESP-00 4-Ch line output card II is compatible with ESP-00 series II, ESP-00, and ESP-88 engineered sound processors.

This document is intended to provide professional installers with basic installation and safety guidelines for installing the optional ESP-00 4-Ch line output card II into a Bose® ESP-00 II engineered sound processor. Please read this document before attempting installation.

The ESP-00 4-Ch line output card II provides four balanced line-level analog output channels.

To install the 4-Ch line output card II:

1. Turn off and unplug the processor.
2. Detach the top cover by removing the 8 cover screws.
3. From an empty expansion slot, remove the two screws from the blank bracket and lift the bracket off the chassis. Save the two screws for mounting the new expansion card.
4. Align the four front-facing LEDs of the expansion card with the holes in the front of the chassis, and ensure the connector on the bottom of the card is aligned with the connector on the motherboard (Figure 1). Use the black card guide on the bottom of the case to direct the card using the grooves.

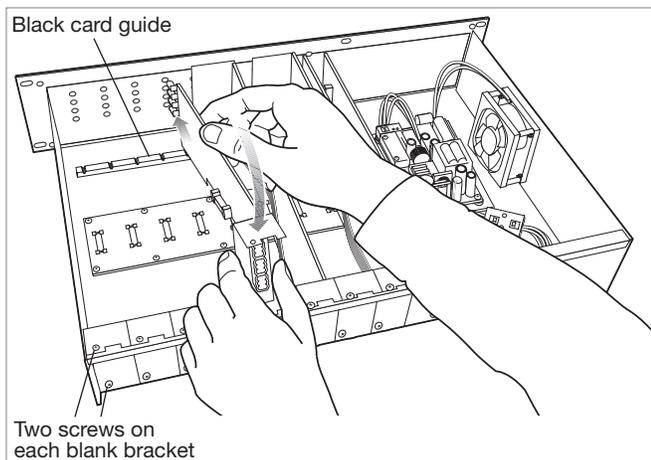


Figure 1. Aligning card with connector

5. When the connector on the card is aligned above the connector on the motherboard, press gently to mate the connectors (Figure 2).

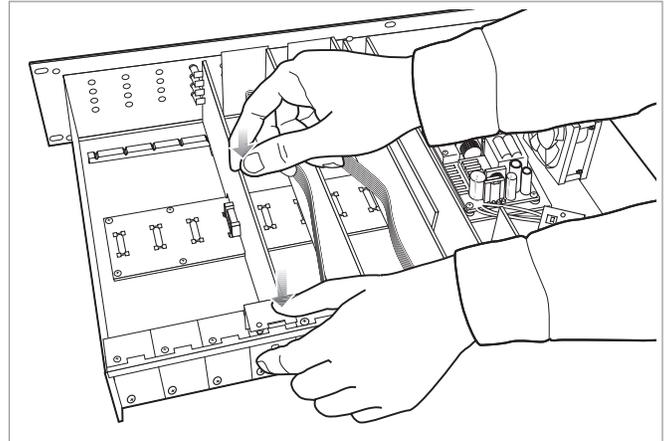


Figure 2. Mating card with connector

6. Secure the card in the slot by installing the two screws removed earlier from the blank panel in Step 3.
7. Reattach the top cover and fasten the 8 screws.
8. Plug in the processor and turn it on.
9. To verify that the card was inserted correctly, use ControlSpace® Designer™ software (version 4.1 or newer):
 - A. Click **Scan** and confirm that the software detects the processor.
 - B. Right-click the detected processor and display its properties (Figure 3). If the Line Output II card was installed correctly, it will appear in the correct slot position.

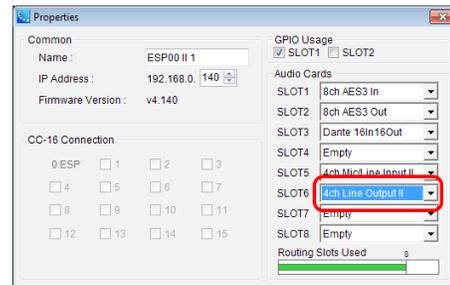


Figure 3. ESP-00 II Properties

10. If the card does not appear, repeat steps 1-9. Be sure that the card is seated correctly
11. For further information on configuring the ESP-00 4-Ch line output card II, please refer to ControlSpace Designer Software Help.

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