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ASY-02-035 DVC-AO Interface Module Product Installation Sheet

04/06/2012 Rev: **1.00**

DOC-03-050 ECN12-0027

1 Product Overview

This Product Installation Sheet describes how to install the DVC-AO Interface Module to the DVC and the DA Modules.

The DVC-AO Interface Module filters out the buzzing tone occurring when the Audio Outputs are not active.



WARNING: Remove all power sources to the Fire Panel before installing the DVC-AO Interface Module. Leave the external and main power OFF until installation of the DVC-AO Interface Module is complete.

2 Installation

2.1 Mounting

1. Fix the supplied DVC-AO Spacers (**#GEN-01-002**) to the CHS bracket

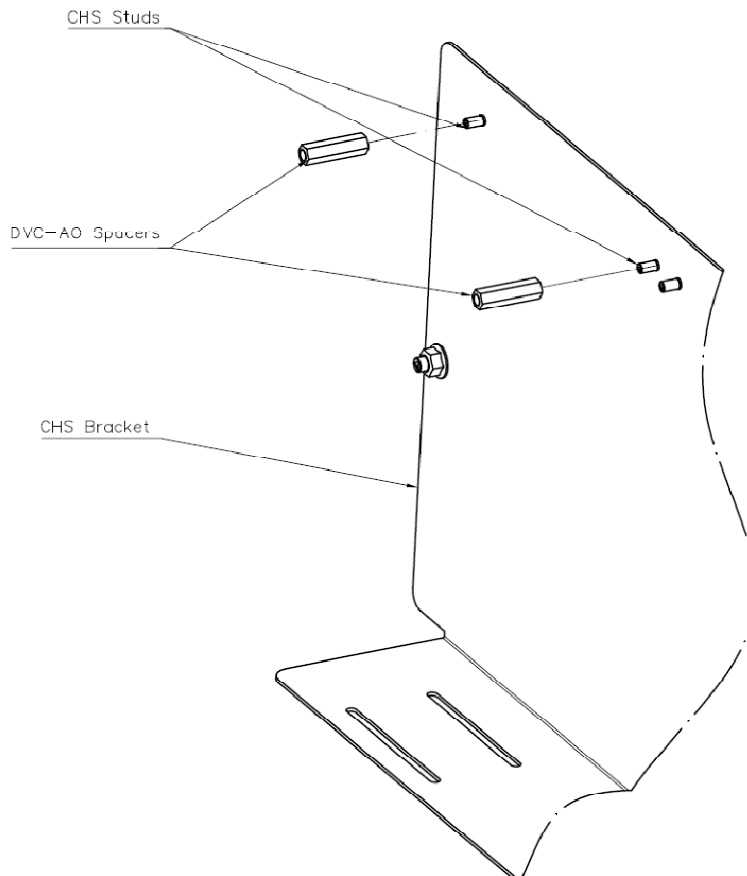


Figure 2-1 – Affixing Spacers to CHS Bracket

2. Position the DVC-AO Interface Module (#PCA-01-066) so that the tab at the bottom of the board slides in to the slot at the bottom of the CHS Bracket
3. Rotate the DVC-AO Interface Module (#PCA-01-066) so that the board holes align with the Spacers (#GEN-01-002).

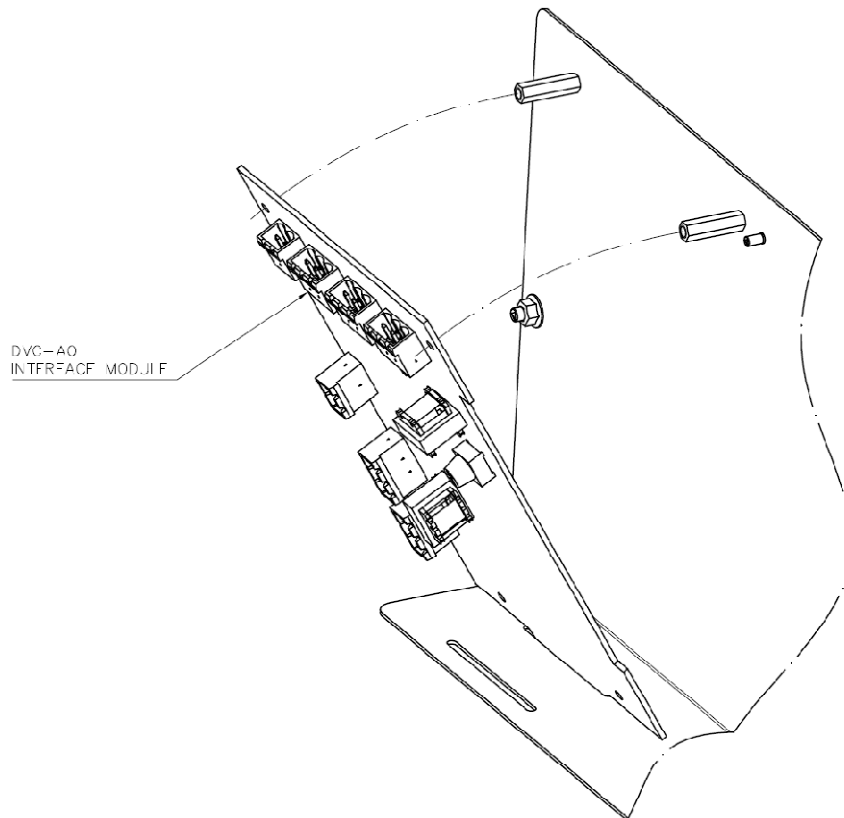


Figure 2-2 – Rotating DVC-AO Interface Module in to position

4. Secure the DVC-AO Interface Module (#PCA-01-066) to the CHS bracket using the supplied screws (#GEN-01-001)

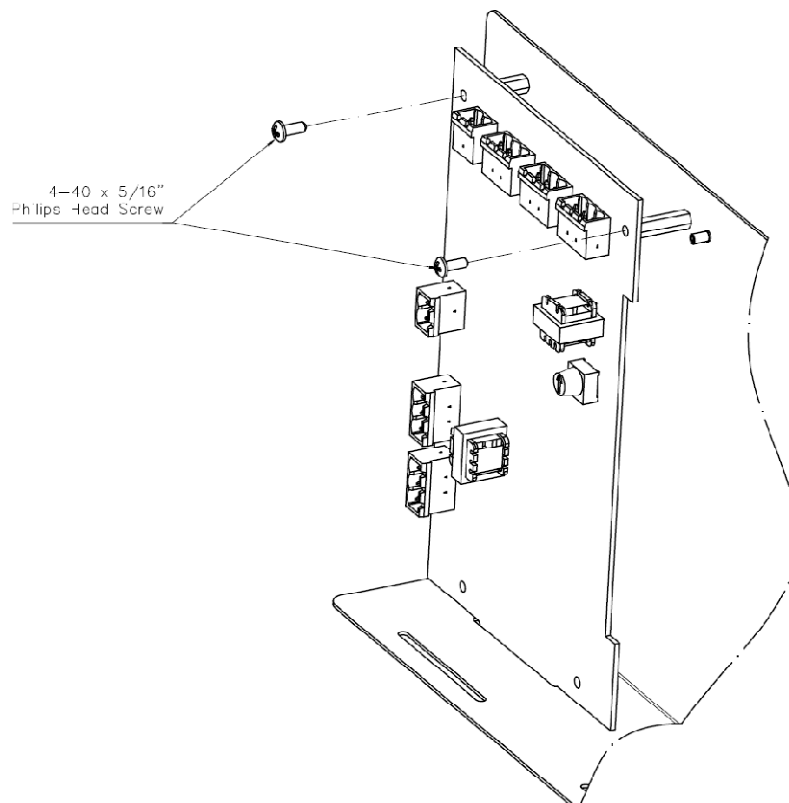


Figure 2-3 - Securing DVC-AO Interface Module

5. Using Figure 2-4, Figure 2-5 and Figure 2-6 as a reference wire the;
 - a. MIC+, MIC- cable from the Amplifier to the DVC-AO Interface Module
 - b. 0V and PTT cable from the Amplifier to the DVC-AO Interface Module
 - c. Power Cables from the power supply to the DVC-AO Interface Module
 - d. Audio In cables from the DVC-AO Analog board to the DVC-AO Interface Module
 - e. Audio Rtn. cables from the DVC-Analog board to the DVC-AO Interface Module

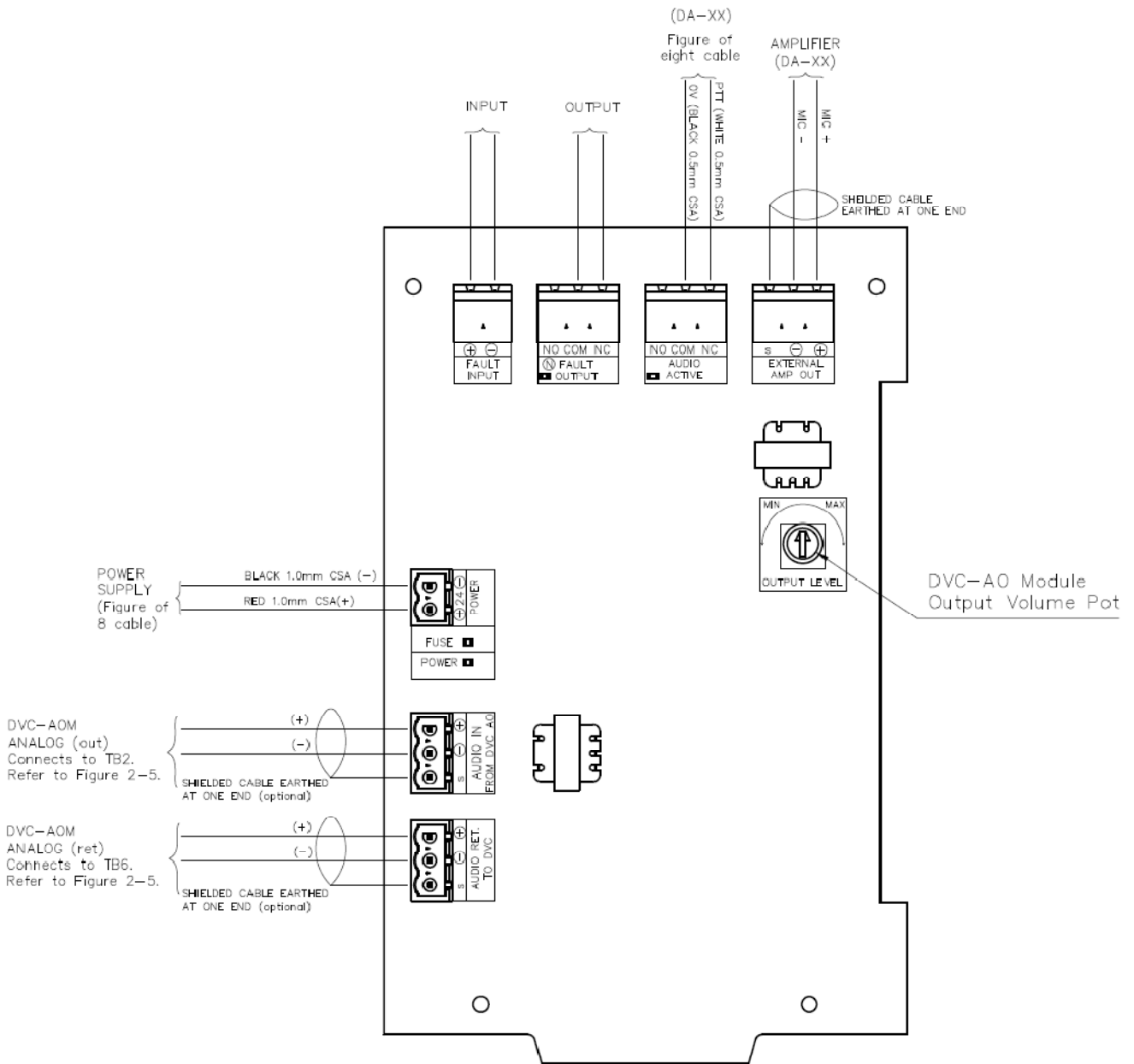


Figure 2-4 - DVC-AO Interface Module Connection Diagram



NOTE: The Fault Input is shorted in Normal Operation. The fault Input indicates a fault when the input becomes an open circuit.

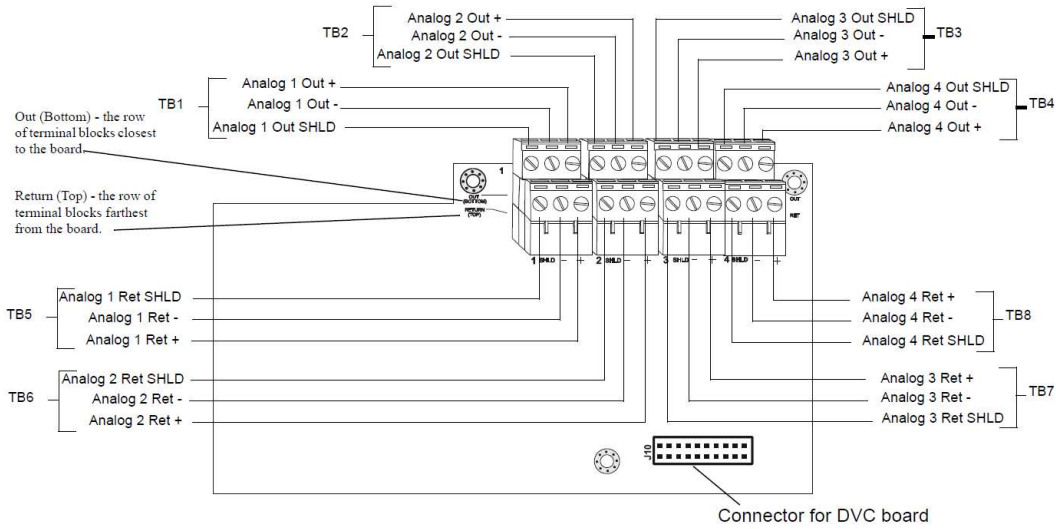


Figure 2-5 – DVC-AO Analog board to DVC-AO Interface Module Connections

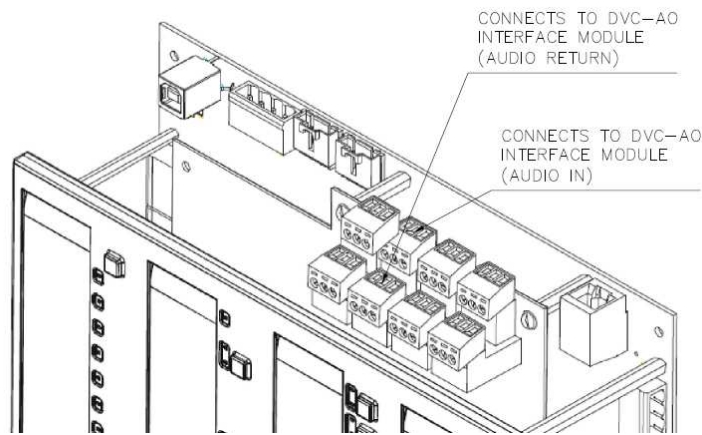


Figure 2-6 - 3D View of DVC-AO Connections

3 Components

Part No.	Description	Qty
GEN-01-002	4-40 tapped spacer x 3/4" - F/F	2
GEN-01-001	4-40 x 5/16" SEMS Pan Philips Head Screw	2
DOC-03-050	DVC-AO Interface Module Install sheet	1
PCA-01-066	DVC-AO Interface Module	1
CA-01-012	Figure of 8 Red and Black Power cable for DA	1
CA-02-012	Figure of 8 White and Black CIE cable for DA	1
3323	2-Core Black Twin Audio Shielded Cable	5 metres

Table 1 - Components

4 Supplemental Documentation

For more information on...	Refer to...	Doc No.
DVC Operation	DVC Manual	52411

Table 2 - Supplemental Documentation