

## Voltage Selection and Backup Amplifier Instructions

### Molex Plug Locations

The QAA-5230, QAA-5230S and QAA-5230S-525 Amplifiers may operate as 70V or 25V amplifiers. **THE DEFAULT VOLTAGE IS 70V.** To change the amplifier to 25V, remove the orange molex plugs (labelled MD-787) found in J8 and J9 and replace them with the blue plugs (labelled MD-788) provided with the amplifier, one blue molex plug into J8 and one into J9. Refer to Figure 1 below for molex plug locations. Also, for 25V amplifier, change the fuses (provided) as described below.

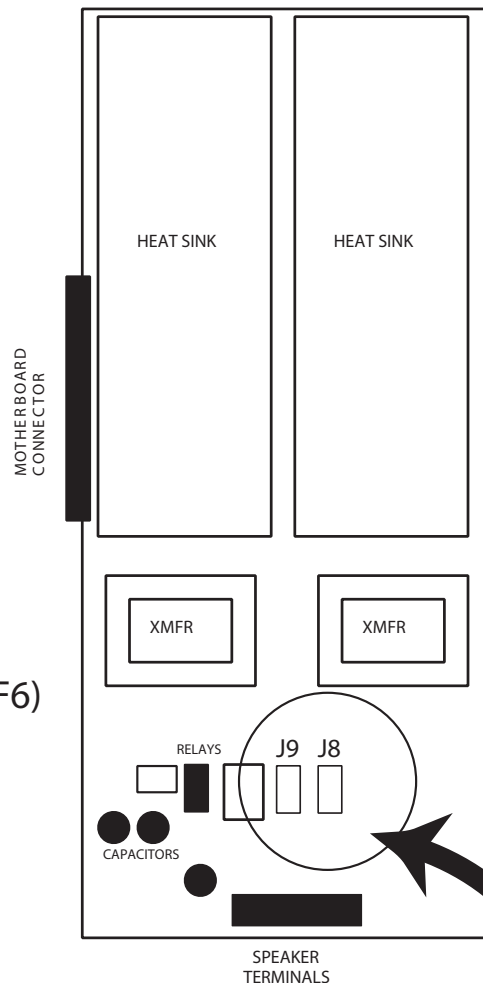
**Figure 1: 70V/25V Molex Plug Locations and Fuse Selection**

### QAA-5230-70/25 QAA-5230S-70/25 AND QAA-5230S-525-70/25 AMPLIFIERS

**CHANGE FUSES  
FOR 25V Amplifier  
(Fuses are located at  
the bottom of the  
board and clearly  
marked F3, F4, F5 and F6)**

**FOR QAA-5230S-25:**  
Change fuses F3 and F6 to 1.25A

**FOR QAA-5230S-525-25:**  
Change fuses F4 and F5 to 1.5A  
and fuses F3 and F6 to 0.75A

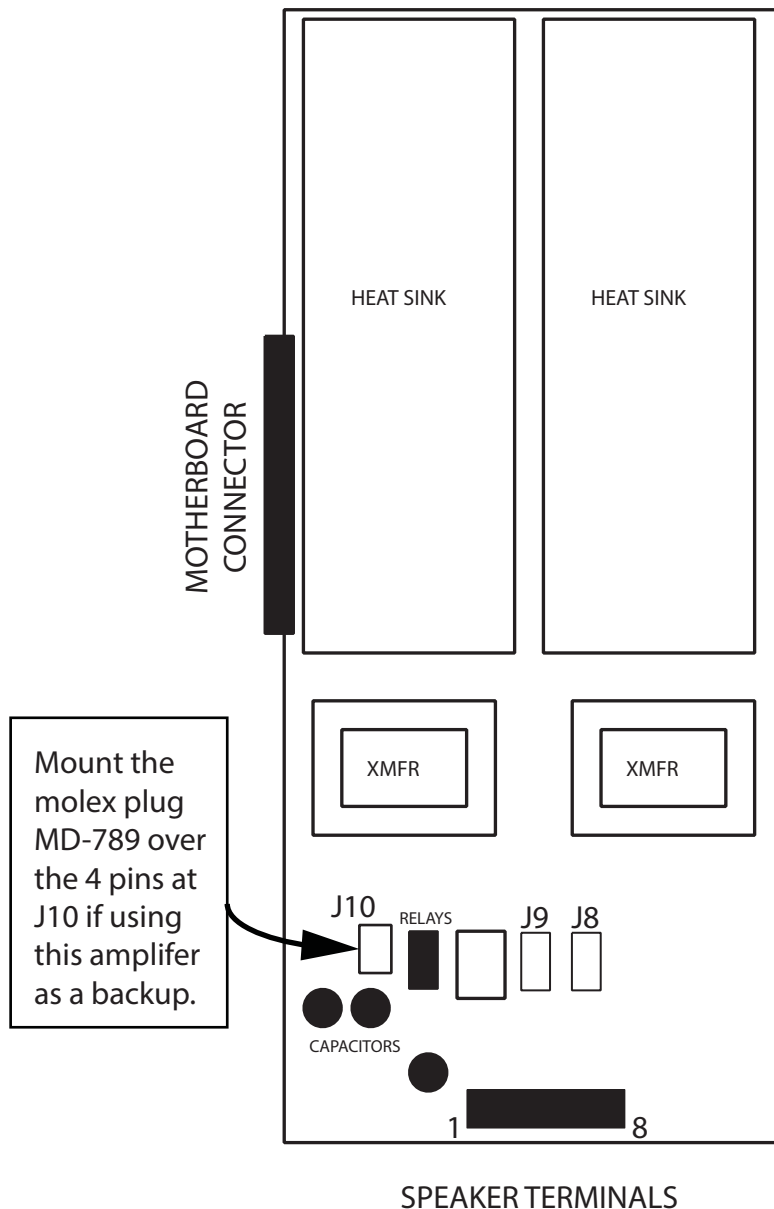


**FOR AMPLIFIERS TO OPERATE AS 25V, REMOVE ORANGE MOLEX PLUGS LABELLED MD-787 FROM J9 AND J8 AND REPLACE WITH BLUE MOLEX PLUGS MARKED MD-788, ONE INTO J8 AND ONE INTO J9.**

## Backup Amplifier

The QAA-5230, QAA-5230S and QAA-5230S-525 Amplifiers may be used as a backup amplifier. One backup is required per system or node. To use one of these amplifiers as a backup, the molex connector MD-789 packaged with the amplifier, must be placed over the pins of J10 as shown in figure below.

# QAA-5230-70/25 QAA-5230S-70/25 AND QAA-5230S-525-70/25 AMPLIFIERS



**Note: BACKUP AMPLIFIER IS ONLY AVAILABLE ON THE FIRST ZONE A.**