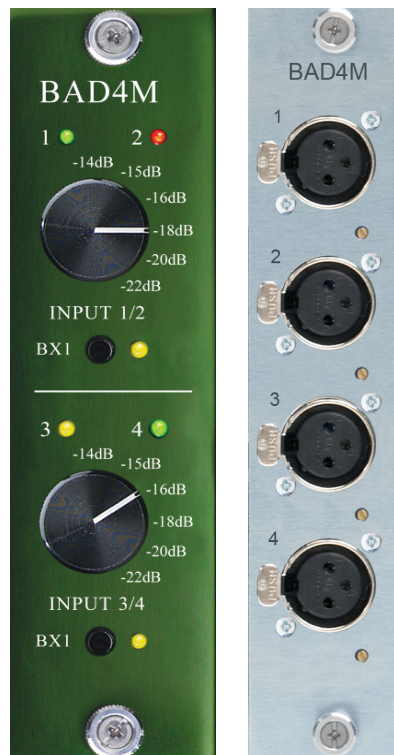




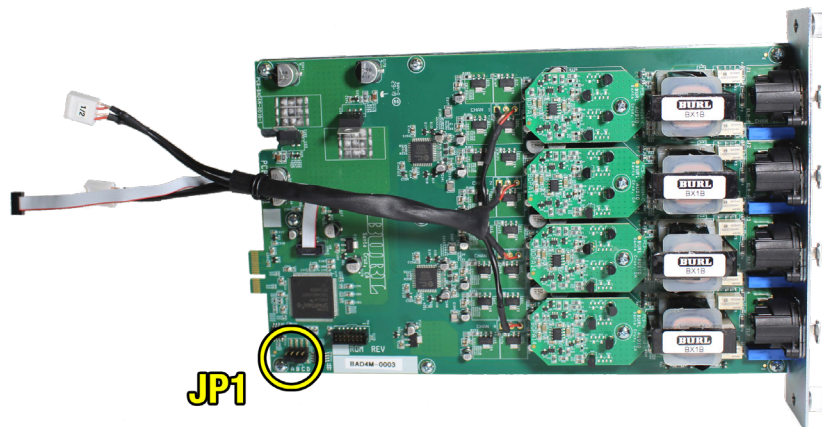
BAD4M DAUGHTER CARD

Quick Start Guide



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Jumper Settings for “JP1”

Jumper B - Avid Delay Matching:

Install jumper B for Avid delay compensation. (Image 2)

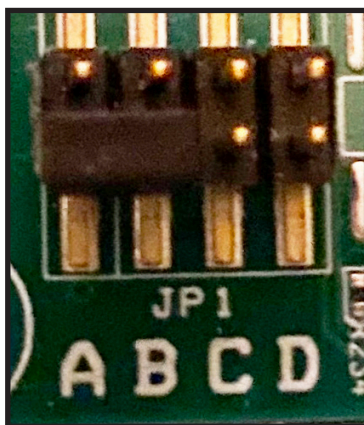


Image 1: Default Jumper Setings
No jumper set

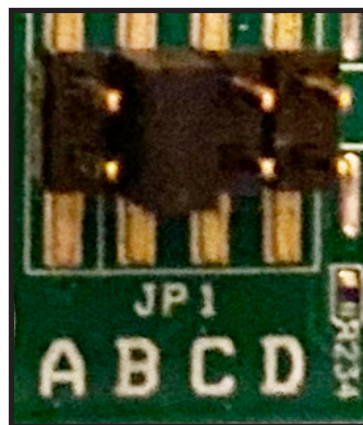


Image 2: Avid Delay Matching
Jumper installed on B

Installing B80 Mothership Daughter Cards

*NOTE- See B80 Mothership Quick Start Guide for more information

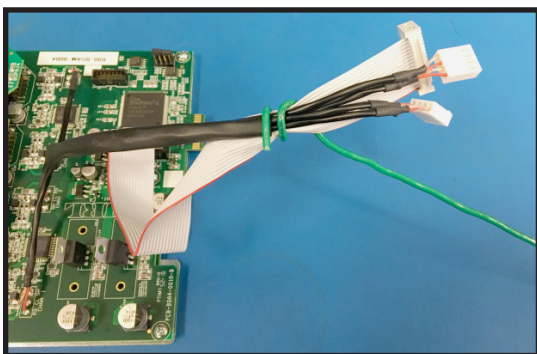


Image 3: Use the provided solid core wire to wrap around the cables and pass through from the rear of the chassis to the front.

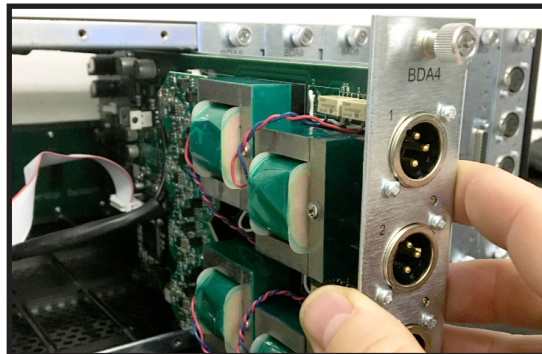


Image 4: When installing the BAD4M into the B80 Chassis, make sure the metal Daughter Card backplate (not the PCB) is inserted into the card guides. (BDA4M shown here)

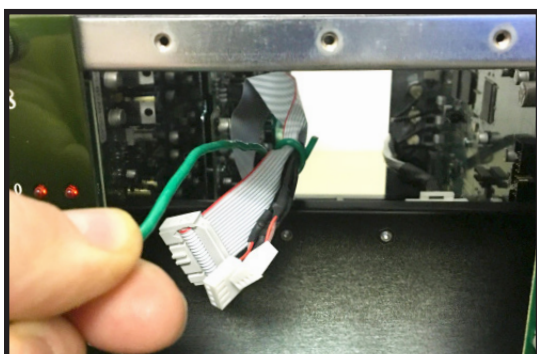


Image 5: Pull the cables towards the front of the unit.

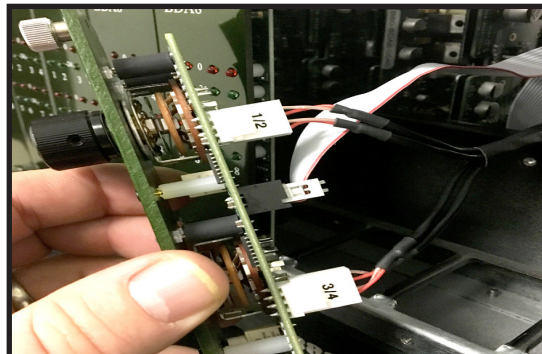


Image 6: Attach the 4-pin connectors (1/2 is on the top, 3/4 is on the bottom) and the ribbon cable to the front panel. Attach the front panel to the chassis using two thumb screws.

Installing B16 Mothership Daughter Cards

*NOTE- See B16 Mothership Quick Start Guide for more information



Image 7: With the B16 cover removed, install the BAD4M into the card guides as shown (BDA4M shown here). Make sure the metal Daughter Card backplate, not PCB, is inserted into the card guides.

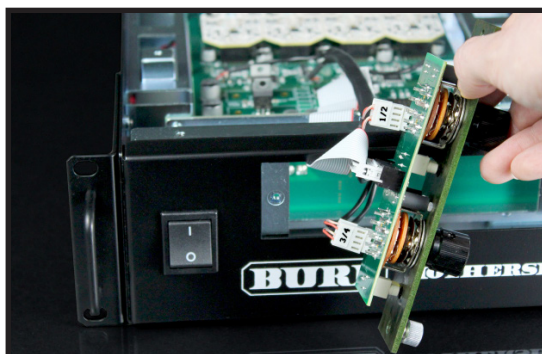


Image 8: Pull the cables through to the front of the chassis. Attach the 4-pin connectors (1/2 is on the left, 3/4 is on the right) and the ribbon cable to the front panel. Attach the front panel to the chassis using two thumb screws.

Front Panel:

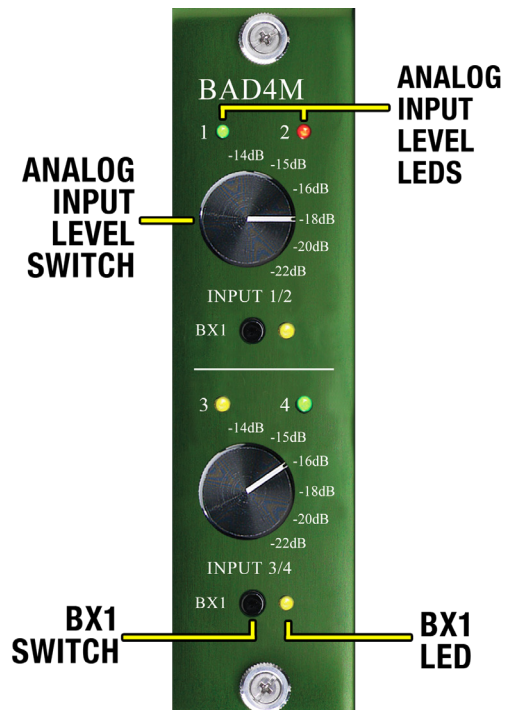


Image 9: BAD4M Front Panel

Rear Panel:

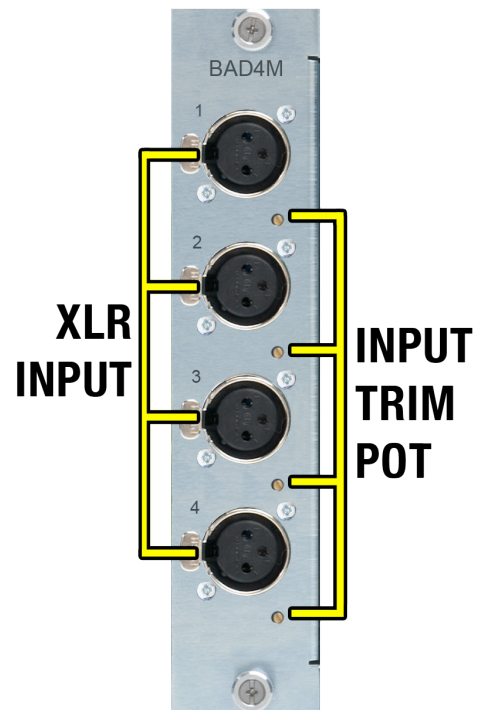
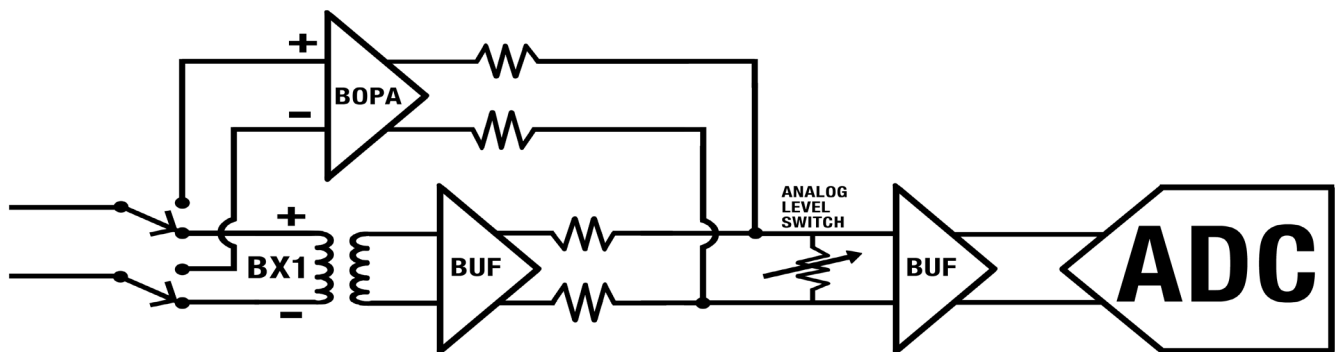


Image 10: BAD4M Rear Panel

BAD4M Analog Input Switch and Level Attenuation



See the table below for maximum analog input at each level setting:

BAD4M Analog Level Switch	MAX Analog Input Before Clipping = 0dBFs
-14dBFs = +4dBu	+18dBu
-15dBFs = +4dBu	+19dBu
-16dBFs = +4dBu	+20dBu
-18dBFs = +4dBu	+22dBu
-20dBFs = +4dBu	+24dBu
-22dBFs = +4dBu	+26dBu