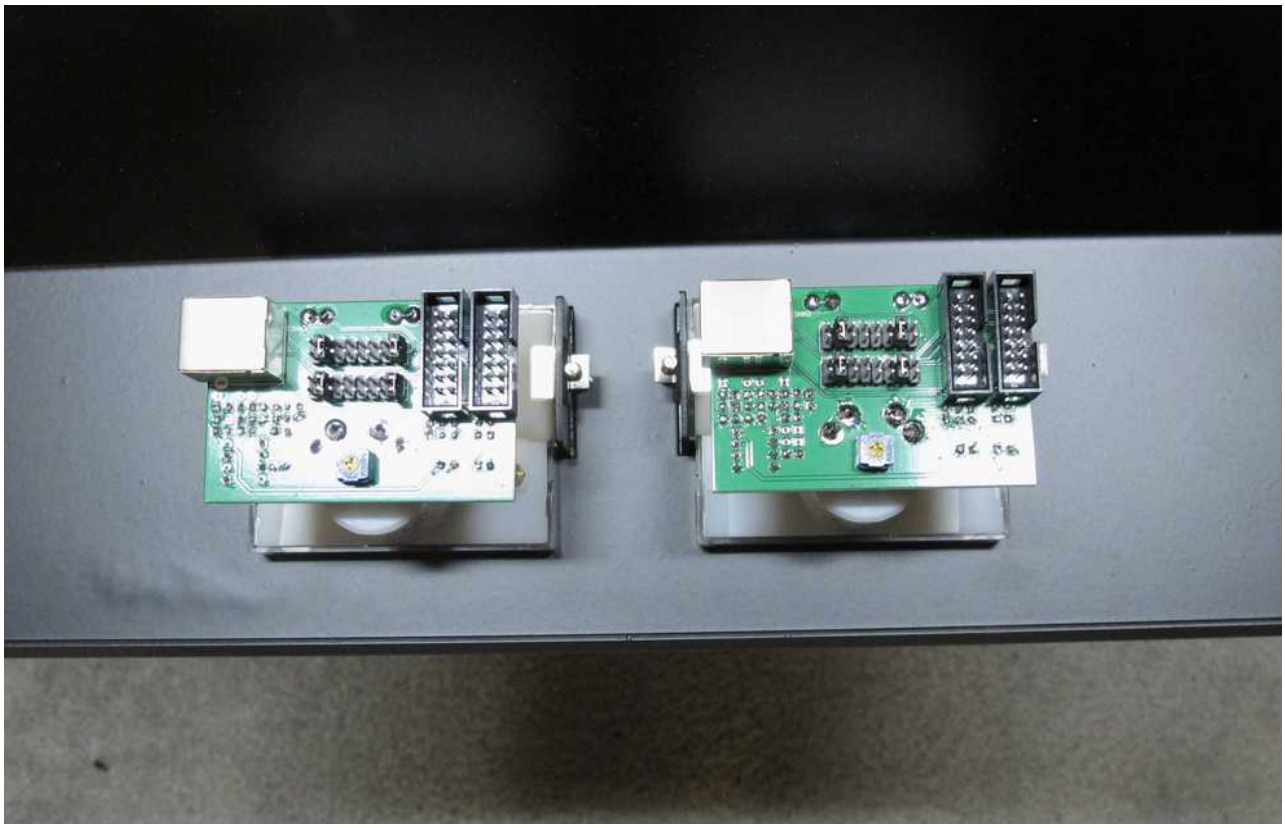
Final assembly

First, mount the meters.



Attach the wrist-rest with wood screws, then the side panels with #10-32 screws.

Attach the back panel, then the hinged meter panel, with #10-32 screws.

Install the circuit boards to the bottom.

The arrangement shown here is one of many possible arrangements, the one we recommend in most cases.

Install the 3 cable clips that hold the meter cable in place.

Connect the VU meters with ribbon cables.

The meters can connect to any output.

The outputs are in pairs. Each cable contains two stereo pairs. In the usual configuration, left to right:

Program board:

Program (2), Utility (1)

Audition (2), Cue/Talkback (1)

Monitor board:

Monitor select (2), Cue (after vol control) (1)

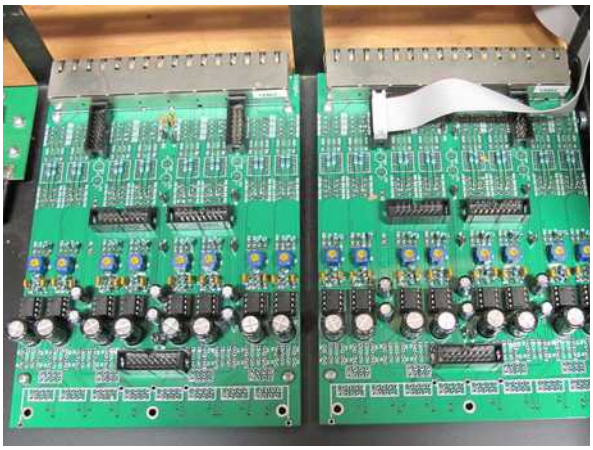
Headphone (2), Studio monitor (1)

With one pair of meters, “program” is probably best.

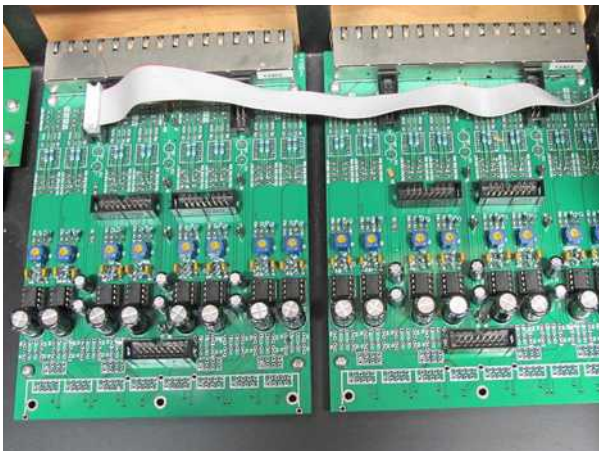
With two pairs of meters, the most common setup is “program” on the left meters, “monitor select” on the right meters.

The long (usually 36”) 14 pin cable connects the nearest meter of the pair to the output board.

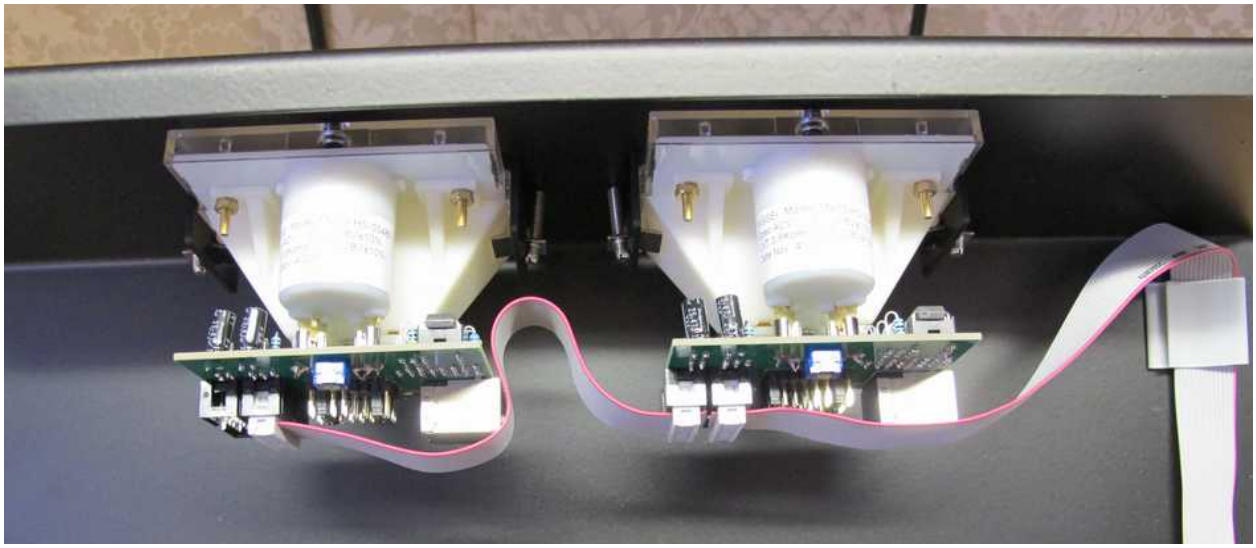
The short (6”) 14 pin cable connects meters together.



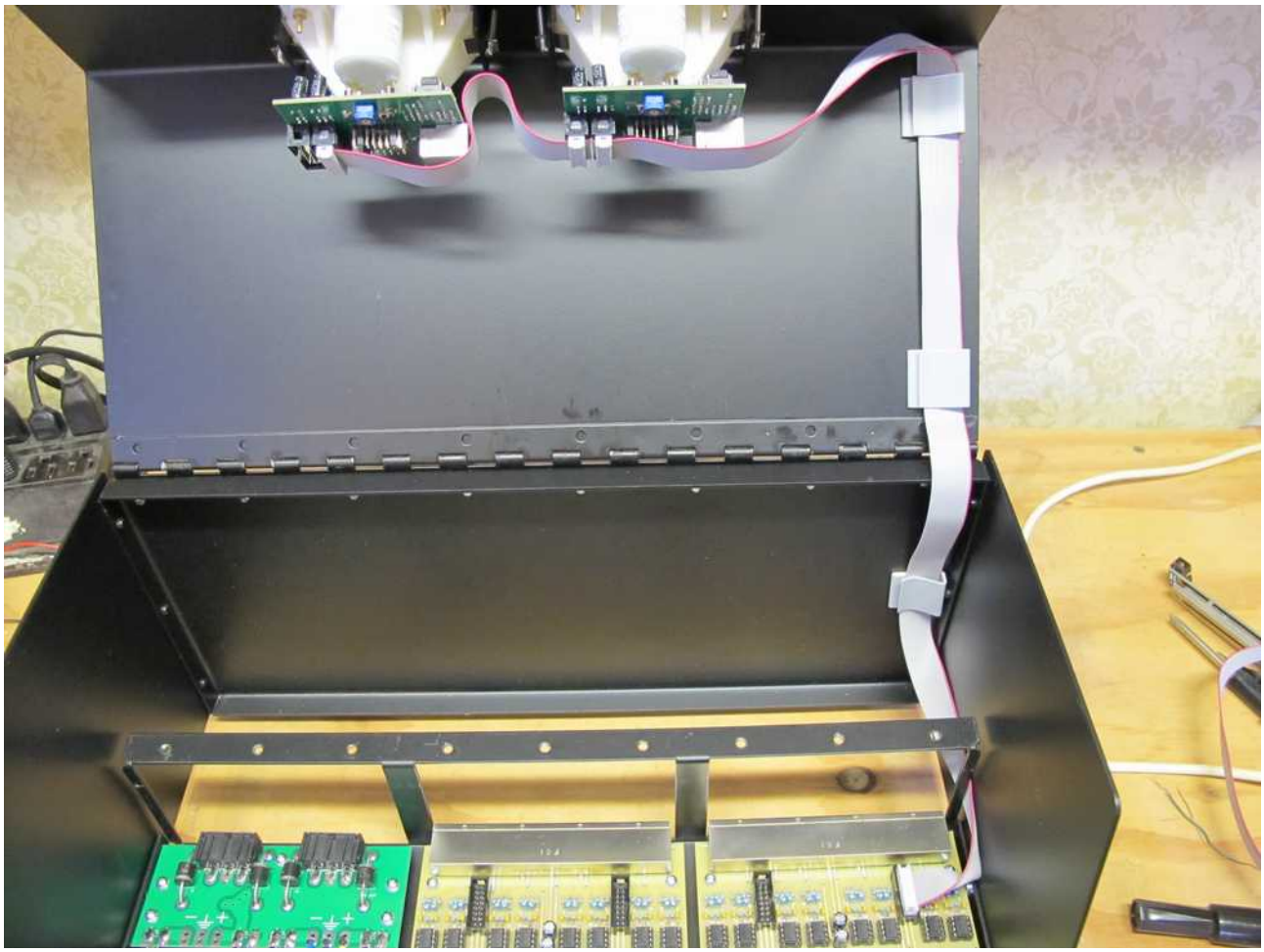
Meter follows monitor



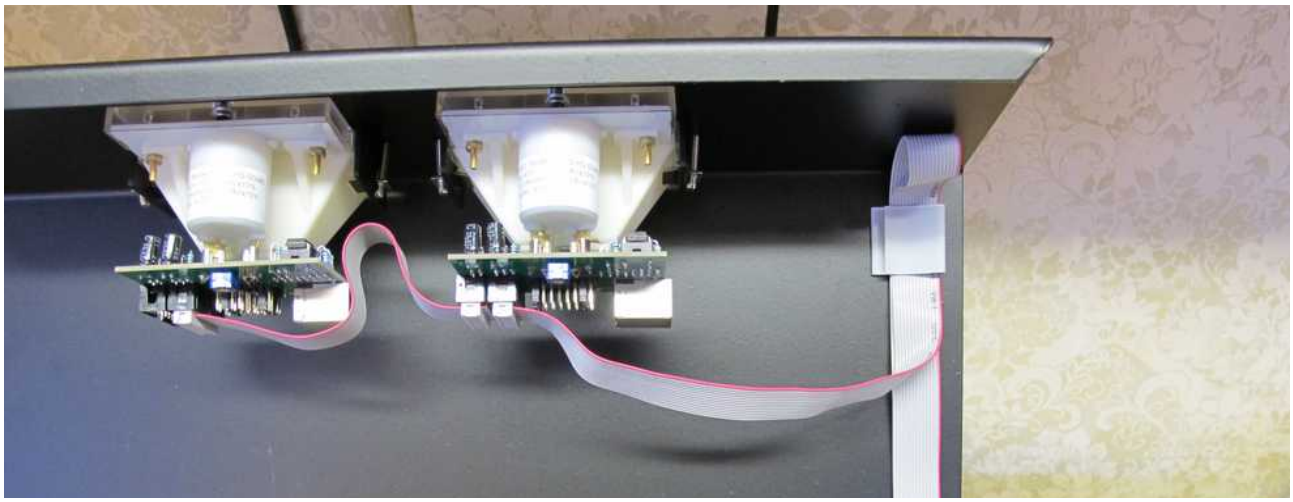
Meter always program or utility



Loop through connects left meter

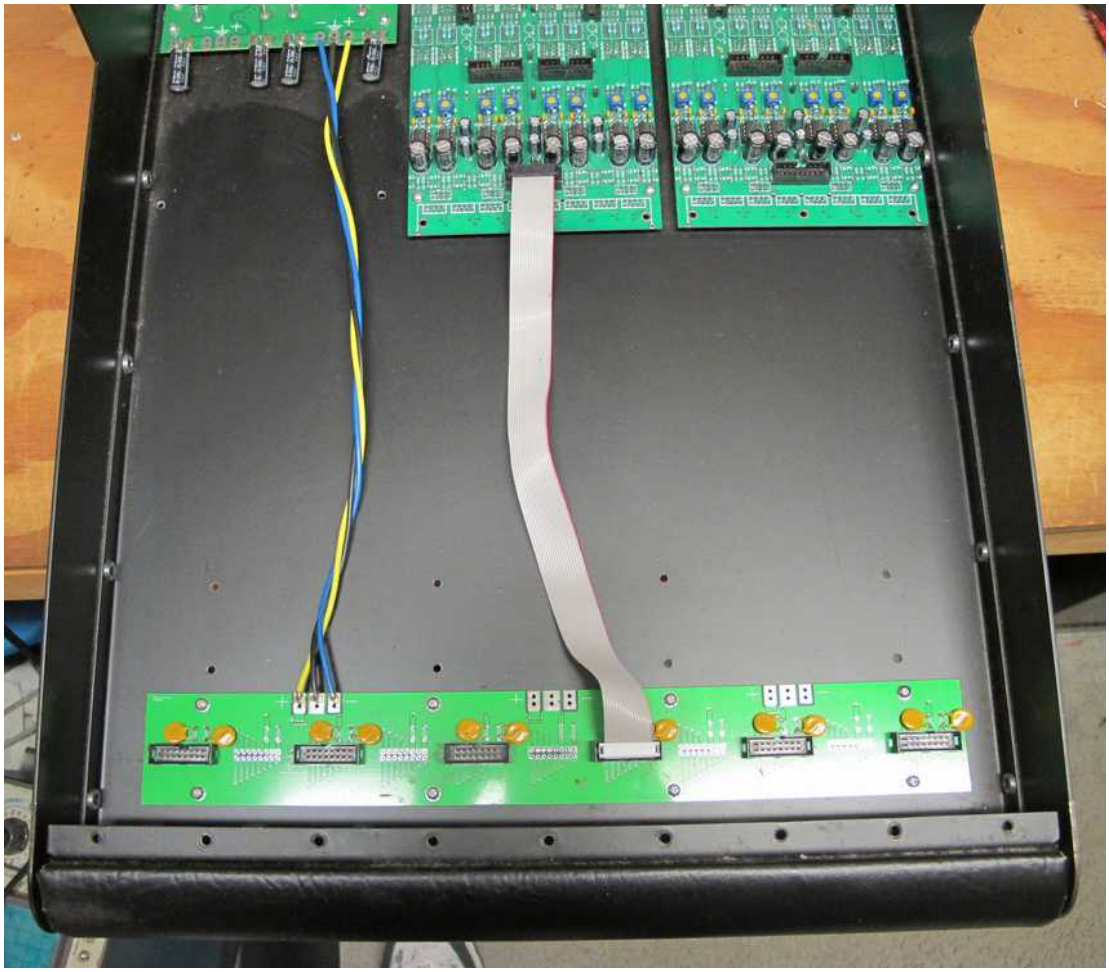


Routing of meter cable



Fold back the cable if it is too long

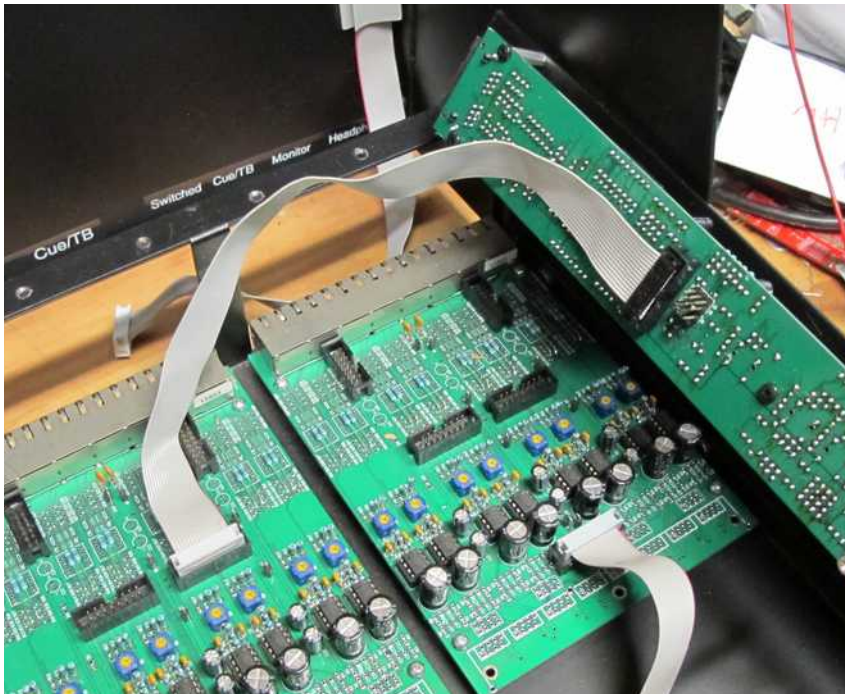
Connect the mix bus to the output board.



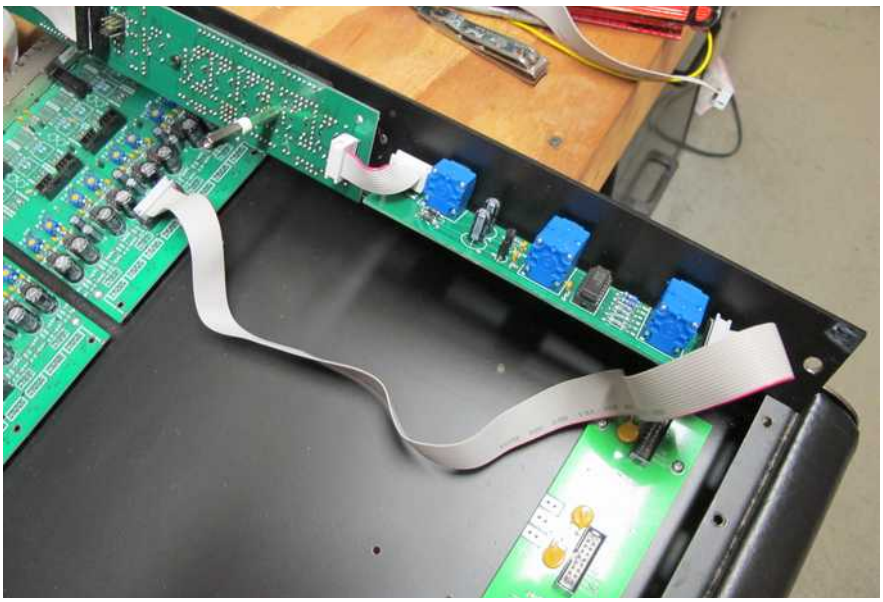
Install the monitor module.

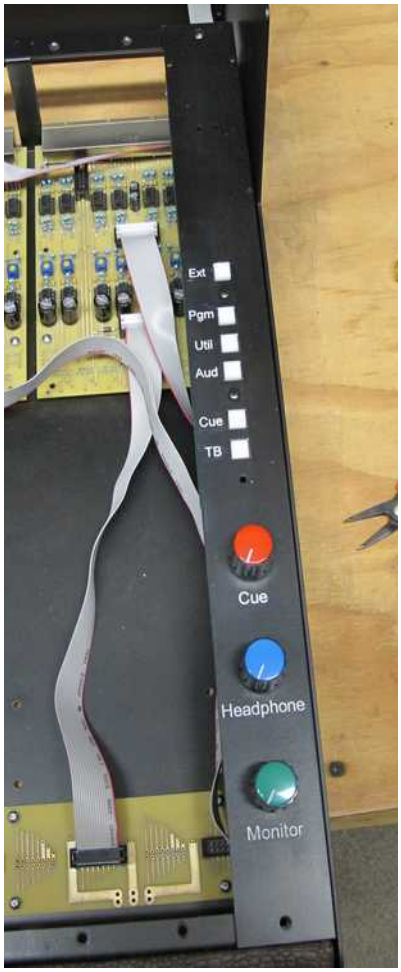
The monitor module connects with two 16 pin cables.

A 12” cable connects the monitor input to the program output board's monitor/return connector.



A 18” cable connects the monitor output to the monitor output board's mix bus connector.

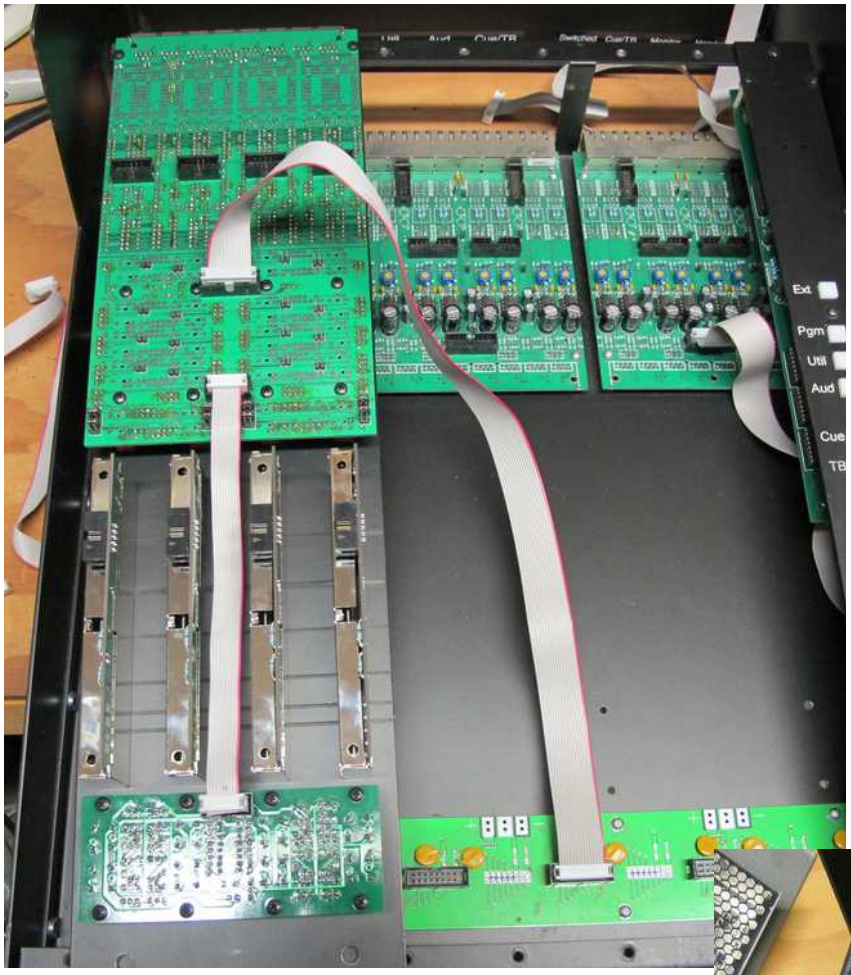




Set it in place but do not put the screws in yet.

Install the input modules.

Each input module connects to the mix bus.



Set it in place but do not put the screws in yet.

Continue for the other modules.

It is now ready for test, configuration, and calibration.