We then should connect the electronics together via Rack 5 from Rack 10 by adding some kind of amplifier to each board to simulate the voltage output of Rack 10 within Rack 5.

One we have these circuits, both R1 and R2 go directly to the input of the DA1200. This would be a precise, secure if patched in Rack 5 and Rack 18 for the same which is very similar.

The second alternative is to number the presence of the input and its capability to actually measure the input correctly as an input. This is to idealize the 13th board.

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**INPUT Rack 5**

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**OUTPUTs from Rack 5**

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**M20 not connected**

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**M20 power at Rack 1**

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**M20 UPS cable input**

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**M20 communications input**

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**Optically Isolated input**