

Microphone Processor to Console Microphone Input.

We get asked this question quite a bit so here is the explanation.

You cannot connect a microphone processor with a +4db output directly to a microphone input. The Microphone input has a -50db input level it was designed to have a microphone connected directly to the console that's why the gain is so high.

You will need to attenuate the line level signal to match the microphone input level. This means that typically you will need 40 to 50 dB of attenuation to accomplish this. Does your microphone processor have a switch which will go from a +4db output to a -50db output?

If not see the link below the Hosa ATT448 Input Attenuator XLR Female to XLR Male.

http://www.amazon.com/Hosa-ATT-448-Female-Input-Attenuator/dp/B000K67U52/ref=pd_cp_MI_0

Set the switch on the attenuator to -40db and adjust the trimpot on the back of the console for your proper level by using the consoles VU meters. You will need one attenuator for each processor. I have had numerous customers use this attenuator with great success. No more noise great headroom and better impedance matching.

If you have further questions please contact Arrakis Systems at 970 461 0730 or email to consolesupport@arrakis-systems.com