

Gain control thru analog signal chain

Stage End



①

Gain adj. Step 1

(needed to boost the signal before A/D process)

Due to A/D at stage, boost could be min. say ¼ turn of

The gain to -6 to 0 dB typical micpre output is fine. THD+N is 0.003 to 0.008 between -10 dB and +18 dB). Not much diff in THD here.

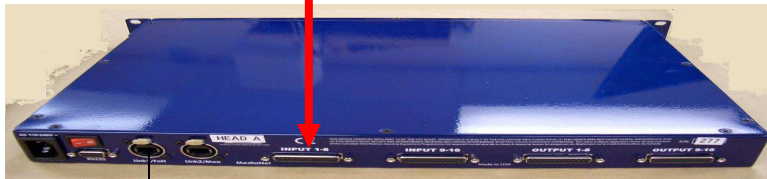
DB25 cable to Mamba 1-64 input

Mic input

FoH End



DB25 cable to Mamba 1-64 output



cat5



Gain adj. Step 2

②

The gain knob on board can be used the same way as your analog snake.

However, the gain control is now on Line level input signal than a mic signal.

So the gain control is in the lower range so -10,0,+10 dB

(pls note that the mic signal is boosted to line level by step 1 at the stage).

You are just adjusting the gain of a line level signal to have the same effect on sound you want.

Gain adj. Step 3

③

You also have further control over each channel with your fader.

You can adjust them to have the right level/sound before mix. All other features such as trim, pad etc have same effect