

5) How about Mixed Feedback

It seems that some of the alpha testers clearly prefer opamp local feedback. The downside of that is the somewhat higher output impedance ($\sim 0.4R$). So how about only applying a controlled amount of global feedback to reduce Z_{out} and give it a bit more control when driving heavy load ?

This can actually be done relatively easily. Let's use an example by applying 20dB of global feedback. The starting point is the amp set up the same way as local feedback version, with M2OPS DC trimmed to zero. Then simply install Rfb (47k RN60), and replace Rfb2 now to 470k (= 47k x 20dB). Short both inputs to check DC output again (should not change), and fine adjust as necessary.

You will have to find out which you like better, subjectively.

