- LOADED BY ANALOG OBSESSION -

Custom 500 Series Channel with 5 independent processors and 1 main control section.

Fully custom Solid-State design. Easy to use GUI. All processors have their own bypass button. Also, main control section has main bypass button to bypass all units at the same time.

- PREAMP -

1.PREAMP LEVEL : This meter won't show exact input level. You can see saturation level with meter and find sweet-spot for your source.

2.IN : Bypass for preamp unit. Possible to use if you don't want to add any input preamp/saturation.

3.PAD : -20dB pad without affecting level. It has gain compensation and will reduce saturation and give you more headroom.

4.PHASE : This button will revert phase.

5.GAIN : Preamp gain controller knob with gain compensation. So, you will get preamp saturation without changing level.

6.HPF : Highpass Filter from 20Hz to 250Hz. HPF-IN button will engage it or close.

7.MIC : Preamp unit will work as line amp in default position. When you engage MIC button, you will be able to use microphone preamp instead of line amp.

8.LO/HI : +3dB baxandall equalizer for low and high bands. Totally passive design. No gain loss when you engage LO or HI. Both of them gain compensated (clean) to avoid gain loss.

9.XFMR : Preamp unit will work as IC-Balanced in default balanced. When you engage XFMR button, you will get Transformer-Balanced preamp instead of IC-Balanced.

- DE-ESSER -

10.REDUCTION LEVEL : Meter to show you how much reduction you get with de-essing.

11.IN : Bypass for de-esser unit.

12.THR : 0dB to -60dB range controller to set threshold of de-esser.

13.BAND : De-Esser unit will work as “shelf-shape” mode in default position. When you engage BAND button, you will get bell-shape reduction.

14.SOFT : De-Esser unit will work as hard-mode. It means high ratio and fast attack. When you engage SOFT button, you will get slower attack and lower ratio. (Fast Attack - 0.1ms, Slow Attack - 10ms)

15.REL : Release time of de-esser. 1ms to 500ms.

16.MIX : To mix WET and DRY signal.

- GATE -

17.REDUCTION LEVEL : Meter to show you how much reduction you get with gating.

18.IN : General bypass for gate unit.

19.THR : 0dB to inf range controller to set threshold of gate.

20.F-ATK : Fast attack setting for gate unit. (Fast Attack - 0.1ms, Slow Attack - 10ms)

21.REL : Release time of gate. 1ms to 500ms.

22.MIX : To mix WET and DRY signal.

- EQUALIZER -

23.HF : 10kHz broad shelf. Continuously +/-15dB gain.

24.HMF : Continuously +/-15dB gain with Proportional Q.

25.HMF : 1.5kHz to 8.2kHz High-Mid frequency setting.

26.LMF : Continuously +/-15dB gain with Proportional Q.

27.LMF : 220Hz to 1.2k Low-Mid frequency setting.

28.LF : 100Hz broad shelf. Continuously +/-15dB gain.

29.IN : General bypass for equalizer unit.

- COMPRESSOR -

30.REDUCTION LEVEL : Meter to show you how much reduction you get with compressing.

31.IN : Bypass for compressor unit.

32.F-ATK : Fast attack setting for compressor unit. (Fast Attack - 0.1ms, Slow Attack - 10ms)

33.A-REL : Auto-Release setting for compressor unit. (Fixed Release - 120ms, Auto-Release works like LA2A)

34.THR : 0dB to -60dB range controller to set threshold of compressor.

35.SC-FLTR : Internal sidechain filter (Highpass Filter Mode)

36.SC-EXT : External sidechain (Possible to use Internal Sidechain with External Sidechain to filter out external signal)

37.RATIO : 1.5 to 20 ratio setting of compressor unit.

38.MIX : To mix WET and DRY signal.

- MAIN CONTROLLER -

39.OUTPUT LEVEL : Meter to show level of main output.

40.WAIT! WHAT?! : FATAL ERROR!

41.INPUT : General input level setting before preamp unit.

42.OUTPUT : General output level setting after compressor unit.

43.IN : General bypass button to bypass all units at the same time.

NOTE : At the moment, there is no internal routing to create different chains.