



20dB gain open loop

26dB gain open loop

first stage output

first stage input

input

output

impedance balanced

negative feedback

Limit LED circuit NOT on PCB

LIMIT LED

GAIN and LIMITING (via negative feedback)

NOTES: old part designations may indicate:
substituted parts
jumper locations
cut traces

Limiter Threshold (front panel) linear taper

vari-fi

JFET
preamp - compressor
Revised 3 may 2010

C3
C4

J3
3 +30 volts reg
2 +48 phantom ground
1 Power

30 volts DC input

1.6v
----- = 34mA
47 ohms