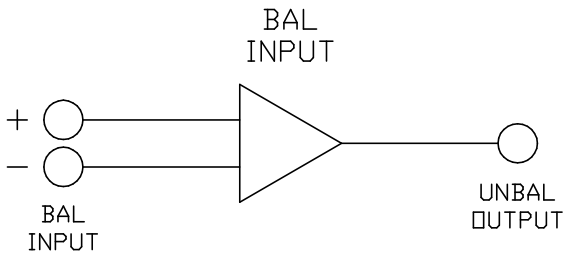
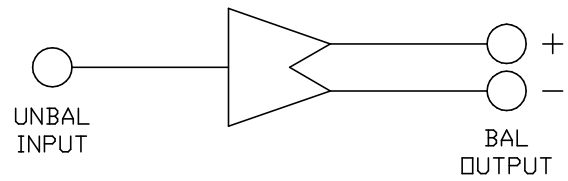


# BALANCING CARD

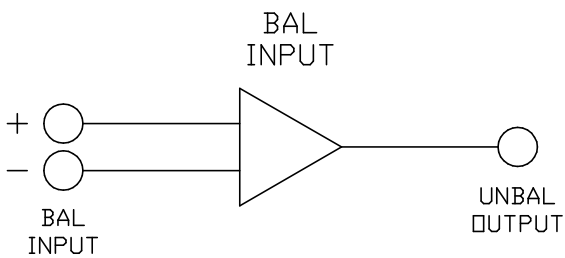
## BLOCK DIAGRAM



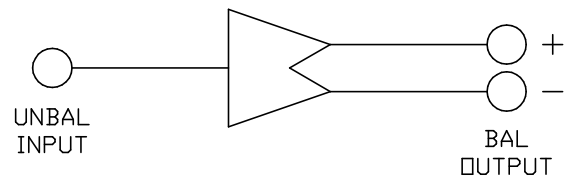
CHANNEL 1



CHANNEL 3



CHANNEL 2



CHANNEL 4

## GAIN EQUATIONS

CHANNEL 1:

$$G \text{ (in dB)} = 20 \log \frac{R5}{10 \text{ kohm}}$$

CHANNEL 3:

$$G \text{ (in dB)} = 20 \log \frac{R14}{10 \text{ kohm}}$$

CHANNEL 2:

$$G \text{ (in dB)} = 20 \log \frac{R11}{10 \text{ kohm}}$$

CHANNEL 4:

$$G \text{ (in dB)} = 20 \log \frac{R20}{10 \text{ kohm}}$$