

Operational Amplifier As Differential Amplifier



Product Categories: [Electronics](#), [Engineering Equipment](#), [Operational Amplifier's](#), [Operational Amplifier's](#)
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Product Description

Operational Amplifier As Differential Amplifier

An op-amp is a differential amplifier which has a high i/p impedance, high differential-mode gain, and low o/p impedance.

When the negative feedback is applied to this circuit, expected and stable gain can be built. Usually, some types of differential amplifier comprise various simpler differential amplifiers. For instance, a fully differential amplifier, instrumentation amplifiers and an isolation amplifier are frequently built for various operational amplifiers. Differential amplifier is used as a series negative feedback circuit by using an op-amp. Usually, differential amplifier is used as a volume and automatic gain control circuit. Some of the differential amplifiers can be used for AM (amplitude modulation).