

direct box

also known as a DI, a direct box is a device typically used in recording studios to connect a high-impedance, line level, unbalanced output signal to a low-impedance microphone level balanced input, usually via [XLR connector](#). DIs are frequently used to connect an electric guitar or electric bass to a [mixing console](#)'s microphone input. The DI performs level matching, balancing, and either active buffering or passive [impedance matching/impedance bridging](#) to minimize noise, distortion, and [ground loops](#). [Read more at Wikipedia.org](#).