

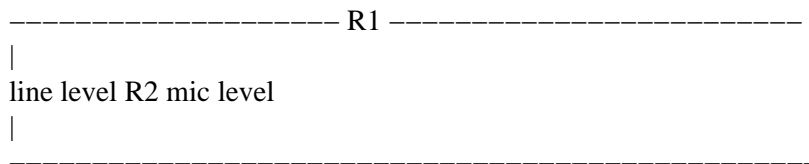
Converting line level to mic level

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I have a laptop that just has mic in and line out sockets. If I want to record from a line level source, what is needed to convert line level to mic level so I can connect the line level source to the mic socket?

I presume each channel needs a potential divider:



But what are the correct values of resistors to match the line level output (eg from the tape recorder) and the mic level input to the laptop.

Alternatively, do suppliers such as Maplin (in the UK) sell converter cables with those resistors built in?

I've tried simply turning the laptop's sound card level right down. While this gives a signal that is not clipped, it's highly asymmetric: the peaks extend much higher above the zero level than they do below it. Consequently there is a lot of audible distortion.

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- *Follow-Ups:*
 - ◆ **Re: Converting line level to mic level**
◇ *From:* Tomi Holger Engdahl
 - ◆ **Re: Converting line level to mic level**
◇ *From:* Jim Gregory
 - ◆ **Re: Converting line level to mic level**
◇ *From:* Charles Schuler

Converting line level to mic level

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