

# Inverting Operational Amplifier

## Student Group

First Name	Surname	Matrikel Nr.

## Table of Contents

Inverting Operational Amplifier ..... 2

## Inverting Operational Amplifier

Build the following circuit in [figure 1](#) with the power supply and a multimeter.



Fig. 1: Inverting Op-Amp

Values of the components:  $U_{DD} = 10\text{V}$ ,  $U_{SS} = -10\text{V}$ ,  $R_1 = 100\text{k}\Omega$

Set the signals listed in [table ##](#) on the function generator and draw the corresponding oscilloscope screen images. The signal display on the oscilloscope should optimally fill the screen

From:

<https://first.mexle.te.hs-heilbronn.de/> - MEXLE Wiki

Permanent link:

[https://first.mexle.te.hs-heilbronn.de/lab05\\_en/inverting\\_op-amp\\_basics\\_amplification?rev=1774949566](https://first.mexle.te.hs-heilbronn.de/lab05_en/inverting_op-amp_basics_amplification?rev=1774949566)

Last update: 2026/03/31 11:32

