

Where is the Multisim Spectrometer



AI Overview

In Multisim, the Spectrum Analyzer is accessed via the Instruments menu or the device toolbar and is used to measure signal amplitude versus frequency.

Accessing the Spectrum Analyzer

To place the Spectrum Analyzer in your Multisim workspace:

- Via the toolbar: Click on the device toolbar and look for the Spectrum Analyzer icon. Drag and drop it onto your circuit workspace .
- Via the menu: Navigate to Simulate > Instruments > Spectrum Analyzer and select it to place it in your circuit . Once placed, the Spectrum Analyzer behaves like other virtual instruments in Multisim, such as a multimeter.

Connecting the Spectrum Analyzer

- Connect the input terminal of the Spectrum Analyzer to the signal source (e.g., a function generator or ABM_VOLTAGE source) and the ground terminal to the circuit ground .
- For audio-range signals, ensure your signal source is configured correctly (e.g., 1 Hz to 20 kHz for typical audio analysis) and that the Spectrum Analyzer's start and end frequencies cover this range .

Configuring Frequency Range

- Set the Start Frequency to the lowest frequency you want to observe (e.g., 1 Hz f...

Article Content

Sep 17, 2025

How to Place Multimeter in Multisim? Easy Step-by

One of the most fundamental tasks in circuit simulation is measuring voltage, current, and

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Analog and Digital Simulation Lab MultiSim Hints & Kinks

Analog and Digital Simulation Lab MultiSim Hints & Kinks 2024 Apr 29 Note: This is a brief summary of how to use a small part of a

Jan 21, 2026

NI Multisim User Manual

Multisim is the schematic capture and simulation application of National Instruments Circuit Design Suite, a suite of EDA (Electronics

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Multisim 8 Simulation and Capture Educators Manual

Multisim 8 manuals use the convention of an arrow () to indicate the start of procedural information. Multisim 8 manuals use the

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Where to Find Multimeter in Multisim? – Quick Location Guide

Multisim allows you to measure both DC and AC voltages, depending on the type of signal you are analyzing. To

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Multisim Instruments

NI Multisim offers many simulation-driven instruments that are fully interactive. They allow you

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Multisim Help

This help file is organized based on the stages of circuit design, and explains all aspects of Multisim, in detail. This

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How do you use the spectrum analyzer?

Hi there, I found the Multisim help file for the spectrum analyzer to be quite useful. To get it, open up your spectrum

Oct 24, 2025

Multisim Tutorial

Basics of Schematic Capture using a DC Circuit This Tutorial was created as a stand alone help guide to get one on board with using

Nov 09, 2025

How do you add a spectrum analyzer to Multisim?

In Multisim, the instrument which can measure signals in the frequency domain is called the Spectrum Analyzer. To

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Multisim 8 Simulation and Capture Quick Start Guide

Quick Start with Multisim 8 This booklet leads you through the circuit design flow, from schematic capture, through simulation and

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The use of virtual spectrum analyzer in Multisim-EEWORLD

The operation steps are the same as those of a multimeter: place the mouse on the right border of the work platform

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Multisim 11.0 Tutorial EE 310 Electronic Devices and Circuits

Unlike PSPICE, Multisim automatically starts a new project for you, and you can start drawing your circuit by placing the different

Oct 17, 2025

MULTISIM TUTORIAL

Analyzing Components Multisim offers multiple ways to analyze the circuit using virtual instruments. Some of the basic instruments

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Where to Find Multimeter in Multisim? – Quick Location Guide

Multisim offers several ways to access the multimeter, catering to different user preferences and workflows.

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Electronics Workbench Multisim 9 Simulation and Capture User Guide

Multisim 9 documentation consists of this User Guide, the Component Reference Guide and online help. All Multisim 9 users receive

Jul 18, 2026

A Quick EE-331 Tutorial on Multisim Circuit Analysis

Multisim version 11 circuit design files have the extension .ms11. Once a few components have been placed on the schematic page,

Dec 05, 2025

Publish Date Introduction to Multisim: Learn to Capture and Simulate

Overview NI Multisim is an easy-to-use schematic capture and simulation environment that engineers, students, and

Dec 30, 2025

Manual for multisim

Multisim Manual Multisim is the schematic capture and simulation application of National Instruments Circuit Design Suite, a suite of

Aug 03, 2025

Spectrum Analyzer in Multisim Guide | PDF

Spectrum Analyzer in Multisim Guide The document introduces the spectrum analyzer instrument in Multisim which can measure

Oct 25, 2025

Spectrum analyzer, Instrumenting a circuit simulation in, By ...

This module provides a brief introduction to instrumenting a circuit simulation in National Instruments Multisim. Multisim is fully

May 26, 2026

Simulating a design

Get help on how to use our online circuit design and simulation tools as well as information on how specific circuit components are

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Using the Spectrum Analyzer

To change the maximum amplitude displayed on the screen, enter a voltage value in the Range field.

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Multisim Tutorial

MULTISIM TUTORIAL Start Click on Start Suite 10.0 All Programs Multisim. National Instruments Circuit Design Component Toolbar

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Tutorial

Get help on how to use our online circuit design and simulation tools as well as information on how specific circuit components are

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Where Is the Multimeter in Multisim? - A Quick Guide

Multisim, a powerful circuit simulation software, is a staple for electronics engineers, students, and hobbyists alike. Its

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Where is the multimeter located in Multisim?

If you're using Multisim to design and simulate circuits, you're probably wondering where the multimeter is located in

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