

Mixer Volume Custom VI (x86)

Introduction

The purpose of this Custom VI is to control the Windows Mixer Volume of an audio device from a SoundCheck sequence. It can be used to control any input or output device that appears in the Windows Sound settings (Control Panel > Sound).

Compatibility

The Mixer Volume VI was developed using LabVIEW 2014 (x86). It is compatible with SoundCheck 14 32 bit running under Windows 7, 8 and 10.

Installation

The VI package folder contains four files as described below. Before using this VI you must first copy these files to their designated destination folders.

File name	Destination folder
Mixer Volume.Cus	SoundCheck 14.0-x86\Steps\Custom
MixerVolume.dll	SoundCheck 14.0-x86\support
Mixer Volume Editor.vi	SoundCheck 14.0-x86\System\Custom VIs
Mixer Volume.vi	SoundCheck 14.0-x86\System\Custom VIs

Next, open a new or existing sequence in SoundCheck and open the Sequence Editor. On the left side of the editor (Step Template Library) right click on the group titled Custom and select "New..." from the menu. In the dialog box, enter **Mixer Volume** and click OK. The VI is now ready for use.

Configuration

The VI can be inserted into a sequence like any other Step Template. Once it is inserted in your sequence, double click it to open and configure. You will see the following user interface:



The Device Type selection allows you to select the Playback or Recording device of interest from the dropdown list (only one device can be controlled per custom step). Once the device is selected, adjust the volume slider to set the desired Volume level or select the Mute checkbox to mute the device.