LabWindows/CVI, VxiPnp driver history for the R&S® LRC Meter LCX

Products:

| R&S LCX

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Contents

1 Supported Instruments

In the following table, the supported R&S instruments and firmware versions are listed:

Which instruments are supported?		
Instrument	**Supported Firmware**	**Remarks**
LCX100	2.036	
LCX200	2.036	

2 Revision History

2.1 Version 2.36.0 / 04 - 2023

* Added support for FW 2.036
* New core 4.4.0

* New:
- rslcx_QueryMeasurementCorrectionOpenMode
- rslcx_QueryMeasurementCorrectionShortMode
- rslcx_QueryMeasurementCorrectionLoadMode

* Deleted:
- rslcx_ConfigureMeasurementCorrectionUseSingleDataEnabled
- rslcx_ConfigureMeasurementCorrectionMultimode
- rslcx_ConfigureMeasurementCorrectionSpot
- rslcx_ConfigureMeasurementCorrectionSpotLoad

2.2 Version 2.0.0 / 04 - 2022

* Support for FW 2.0.0
* Initial Release

3 Getting Started

3.1 LabWindows/CVI driver

The Rohde & Schwarz **rslcx** Instrument driver can be used in LabWindows/CVI 6 and later. In order to be able to compile an application it is required to add following files to your LabWindows/CVI project:

- *rslcx.c + rslcx.h*
- *rslcx_attributes.c + rslcx_attributes.h*
- *rslcx_utility.c + rslcx_utility.h*
- *rscore.c + rscore.h*
- *rslcx_callbacks.c*

- *rslcx.fp + rslcx.sub*

3.2 VXIplug&play driver in C/C++, LabWindows/CVI

The compiled source code from LabWindows/CVI driver is used. The compiled ANSI-C libraries exist for Windows 7 64-bit and newer.

Add the following files to your 64-bit target project:
- C:\Program Files\IVI Foundation\VISA\Win64\Include\rslcx.h
- C:\Program Files\IVI Foundation\VISA\Win64\Lib_x64\msc\rslcx64.lib (static)
- C:\Program Files\IVI Foundation\VISA\Win64\Bin\rslcx_64.dll (dynamic)
- C:\Program Files\IVI Foundation\VISA\Win64\rslcx\rslcx.fp (in CVI only)
- C:\Program Files\IVI Foundation\VISA\Win64\rslcx\rslcx.sub (in CVI only)

3.3 VXIplug&play driver in MATLAB

MATLAB instrument driver **rslcx.mdd** can be found here:

C:\Program Files\IVI Foundation\VISA\Win64\rslcx\rslcx.mdd

For more, refer to 1MA171 - How to use R&S instrument in MATLAB

3.4 Linux and Mac OS X

To be able to use Rohde & Schwarz **rslcx** Instrument driver in Linux or macOS, the functioning VISA is required. Check out R&S VISA for Linux or macOS.

3.5 Additional Help

LabWindows/CVI and VXIplug&play instrument driver contains the documentation in a compressed HTML format (Windows CHM help file **rslcx_vxi.chm**):

C:\Program Files\IVI Foundation\VISA\Win64\rslcx\rslcx_vxi.chm

4 Customer support

Technical support – where and when you need it
For quick, expert help with any Rohde & Schwarz product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

Contact information
Contact our customer support center at www.rohde-schwarz.com/support
or follow this QR code: