





Dear Customer!

Congratulations on the purchase of your LTT device. This Product has been carefully designed and engineered to provide you with a precise and reliable data acquisition instrument. Please read this instruction manual before using the product, and keep it at hand for reference.

You're ROGA-Instruments-Team

1. Introduction

1.1 System Requirements

PC with Windows XP SP2, Windows Vista SP1 OS and available SCSI Controller or RATOC U2SCX (USB2.0) adapter. DASYLab7 to DASYLab10

1.2 Included Parts

Following parts are included:

- 1 RogaLTT DASYLab driver.
- 1 CD-ROM
- 1 This PDF manual

2. Getting started

2.1 Connecting hardware

2.1.1 PC connection:

Use the supplied interface to connect the LTT hardware to an available USB/SCSI port on your PC.

2.2 Installation

Start your PC. Microsoft Windows XP or above should be installed. These operating systems do not require additional drivers. The LTT device will be automatically detected and installed as a disk drive. You may now use your hardware with LTTView or DASYLab software.

3. DASYLab installation

Please download the DASYLab 28 day's trial version here:

RogaLTT Rev. 1.0 - 08.2008 DASYLab LTT Driver



http://www.roga-instruments.com/software/dasylab.html

The content of this zip file includes the DASYLab program and the LTT driver.

Install as first the DASYLab program.

DASYLab 10	.0-Setup			X
Serial Num	ber			
Please entr	er the serial number of your [)ASYLab package.		
S/N:				
InstallShield	Evaluation	< Back	Next >	Cancel

Enter here your valid DASYLab serial number, or click the "Evaluation" button and follow the installation.

In the next step change to the "LTT Driver" folder and execute the RogaDASYLab setup.



🔏 ROGA Dasylab Modules Version 7.01					
ROGA Instruments					
Destination Location (DASYLab Folder and DASYLab INI-Folder) To change folders, click Browse, and select another folder.					
'Automatic Search' searches for directories containing a file DASYLAB.INI or DASYLab.EXE.					
You can choose not to install ROGA Dasylab Modules by clicking Cancel to exit Setup.					
DASYLab program Folder C:\Programme\Dasylab 10.0 Browse					
Destination Folder for DASYLab.INI					
C:\Programme\DASYLab Browse					
<u>A</u> utomatic search					
< <u>B</u> ack (<u>Next</u> > Cancel					

Here we recommend using the "Automatic search" button twice.

At the DASYLab driver selection window you can choose now the "Driver for Tasler LTT"



🛃 ROGA Dasylab Modules	Version 7.01					
R	OGA					
Select Components						
In the options list below, select the options that you would like to have installed. The disk space fields reflect the requirements of the options you have selected.	 Driver for TEAC GX1, Version 7.7 Driver for TEAC LX10, Version 2.17 Module file format 'HEAD acoustics HDF', Ver. 1.8 Module file format 'Müller BBM PAK', Version 1.4 Module file format 'LMS TDF' Version 1.6 Module 'Sound Level', Version 3.11 Module 'Sound Power', Version 3.5 29 Driver for Tasler LTT, Version 1.4 	0k 0k 0k 0k 0k 55k 55k				
	Disk Space Required: 755 Disk Space Remaining: 44279255	k k				
Wise Installation Wizard®	< <u>B</u> ack <u>N</u> ext>	Cancel				

In addition ROGA-Instruments offer some File format converters and ad on modules for acoustic measurements with DASYLab.

3.1 Working with DASYLab

Please click to the DASYLab icon on your desktop, so that DASYLab will start up.



DASYLab10-Net - (unknown) - [Worksheet] Edit Modules Measurement View Options Window Help File Start F5 X 🖻 🖻 Ш ► CTRL+F5 Stop Modules Black Box Pause CTRL+F6 🖃 🚞 Modules Start/Stop at Time... 🗄 🌍 Inputs/(🗄 🛅 Trigger Remote Control... 🗄 🛅 Mathem 🗄 🛅 Statistic Auto Start 🗄 🛅 Signal A Driver Selection... 🗄 🛅 Control Hardware Setup ٠ 🗄 🛅 Display Measurement Setup ٠ 🗄 🛅 Files Time Bases ۶ 🗄 🛅 Data Re 🗄 🛅 Network Serial Devices... 🕀 🛅 Special 🛙 🗄 💼 Add-On Modules 🗄 🛅 HDF File 🗄 💼 Add-on Modules

Getting started with DASYLab & LTT hardware

Here you have to click the "Measurement" menu, and go to the "Driver Selection":

Driver Selection	X
 Installed drivers 	ОК
DEMO	
LTT.dll	Cancel
Sound board	
TEAC GX1	Help
TEAC LX10	Пер
Select the driver to be loaded when the program starts again.	

Select the LTT.dll and restart DASYLab.

Now the DASYLab LTT driver is loaded and ready for your measurement project.

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Here you can choose the Analog input of the LTT device and put it by drag and drop to the DASYLab worksheet.





Generally it is possible to design your application under DASYLab relatively fast, and also in combination with other I/O devices like CAN, Counter, Digital Cards and so on.

Due to the very special LTT high speed ADC concept, the *block size* under DASYLab must be at least 1024.



IIIIn

Measurement Setup	
General settings Sampling rate 223.2142 KHz Block size Synchronization Block size Synchronization Block size Synchronization Block size PC clock Block size PC clock Block size Output buffer Fill once Dutput buffer Fill once Synchronous Cont. refill Output start 100 Fill once 2200 Cont. refill 2200 Digital output start 1000 Ince 1024 PC: 28 days 2000 Ince: 2000 Ince:	OK Cancel Help

We recommend the Block size of 32768.

For further questions, do not hesitate to contact Tasler GmbH or ROGA-Instruments.

ROGA-Instruments

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