

**Quick Start** G-Link2™-LXRS® Wireless Accelerometer Node



**1 WHAT YOU NEED**

P/N 6305-4002 or P/N 6305-4010  
G-Link2™-LXRS®  
with internal accelerometers

CERTIFICATE  
OF CALIBRATION

P/N 6307-1040  
WSDA-BASE-104 & USB Cable

P/N 6305-5000  
G-Link2™-LXRS®  
with external accelerometer

P/N 6305-5002 or P/N 6305-5010  
External Accelerometer

P/N 9021-0034  
3.6 Volt Lithium AA Battery

P/N 9022-0052  
External Power Cable

**2a ASSEMBLE NODE BATTERY/ACCELEROMETER**

Torx T9  
screwdriver

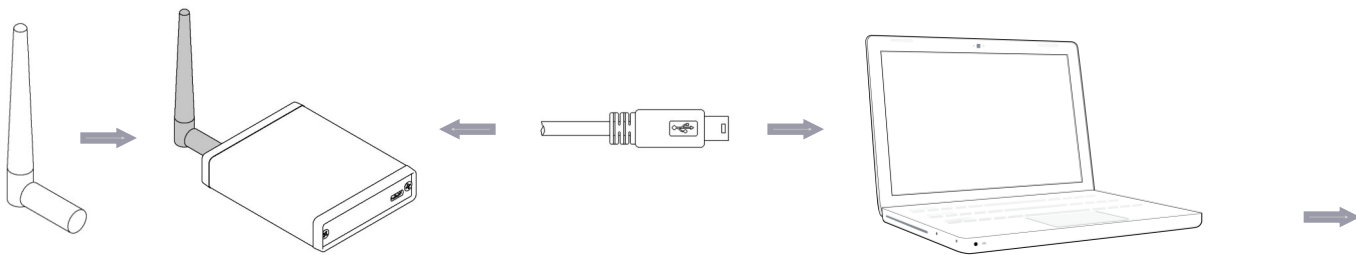
Remove 4 cover screws

Insert battery in battery holder

! Insure that battery polarity matches battery holder

Connect external accelerometer to G-Link2™-LXRS® connector

**2b ASSEMBLE BASE STATION**



**3a INSTALL SOFTWARE AND CONFIGURE NODE**

Follow on-screen installation instructions to install Node Commander software

Node Commander®  
Wireless Sensing Software Suite

Install the MicroStrain Node Commander Software Suite

View Product Documentation

Double-click Node Commander icon on the Desktop

Node Commander

Right-click

Base Station Com 3

- Monitor Mode
- Reverify Base Station
- Add Nodes
  - Add Single Node
  - Node Discovery
  - Scan Network
  - Scan Frequencies
- Configure
- Beacon
- Network Broadcast
- Remove Base Station

Node Discovery

Please cycle the power on all nodes you'd like Node Commander to find. Discovered nodes will show up under Base Station Com 3. Click the stop button to leave node discovery mode.

Stop

Controller

Base Station Com 3

- Node 310 (NEW)

Right-click

Node 310

- Sample
- Communicate
- Configure
  - Configure Node
  - Read/Write EEPROM
  - Calibration Coefficients
  - Frequency
- Remove Node

3b CONFIGURE NODE

1. Select channels

2. Click buttons to configure channels

1. Set sample

2. Set number of Sweeps - note Time Duration and ensure Percent of Total Bandwidth < 100%

4a ACQUIRE DATA

Right-click

Synchronized Sampling

1. Note data file location

2. Limit file size here - note free space available above

3. Click "Apply Network Configuration"; Click "Start Sampling"

4b ACQUIRE DATA

Click red x to stop acquiring

Toggle between Graph and Data

Adjust X-Axis width to zoom in on data

Note file name and location

Status

5 VIEW STORED DATA

Explore Data Directory

Name	Date modified	Type
Sampled Data	4/17/2012 11:51 AM	File folder
Streaming	4/16/2012 3:53 PM	File folder

Name	Date modified	Type	Size
Node_310 04-16-2012 T19_42_09	4/16/2012 3:42 PM	Microsoft Excel C...	486 KB
Node_310 04-16-2012 T19_43_24	4/16/2012 3:44 PM	Microsoft Excel C...	942 KB
Node_310 04-16-2012 T19_44_48	4/16/2012 3:45 PM	Microsoft Excel C...	474 KB
Node_310 04-16-2012 T19_45_52	4/16/2012 3:46 PM	Microsoft Excel C...	1,987 KB
Node_310 04-16-2012 T19_47_16	4/16/2012 3:47 PM	Microsoft Excel C...	1,094 KB
Node_310 04-16-2012 T19_48_30	4/16/2012 3:48 PM	Microsoft Excel C...	132 KB
Node_310 04-16-2012 T19_52_12	4/16/2012 3:53 PM	Microsoft Excel C...	1,576 KB
Node_310 04-16-2012 T19_53_17	4/16/2012 3:53 PM	Microsoft Excel C...	406 KB

CONTACT LORD MICROSTRAIN®

G-Link2™-LXRS® Wireless Accelerometer Node  
Go to <http://www.microstrain.com/wireless/g-link2> for more information.

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