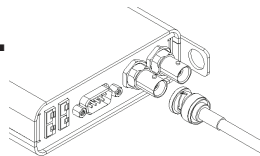


EON-LT™

QUICK REFERENCE GUIDE

A. Connecting Sensor

1.

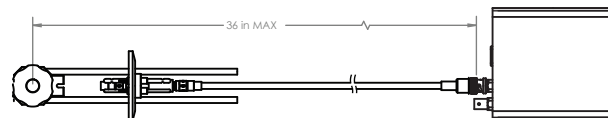


Connect Sensor to Eon-LT™

Connect BNC extension cable to SMA, which then connects to the BNC adapter cable using the provided BNC union. Connect the other end of the BNC extension cable to the Eon-LT™ coaxial input (either sensor 1 or 2).



To avoid erratic noise levels in oscillation reading, length between the sensor head crystal compartment and the Eon-LT™ SHOULD NOT exceed 36 inches (914 mm).



B. Connecting to PC

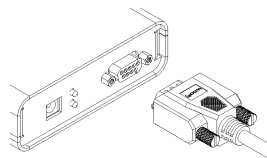
1.



Install Eon-LT™ Software onto PC

Insert the accompanying Eon-LT™ software CD into disc drive. Follow prompts to install software onto PC.

2.



Connect RS-232 to Eon-LT™

Plug RS-232 connector into male serial port on rear panel. Tighten integrated screws.

WARNING



If drivers are already installed, simply update the drivers when installing software



Ensure that the software has been fully installed before connecting the USB drivers

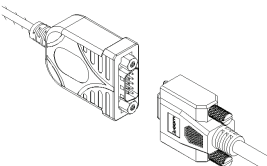


Only use the provided USB cable



Fully reboot the computer after the software installation to prevent drivers issues

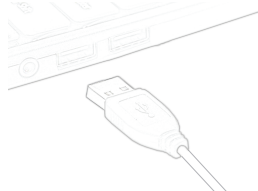
3.



Connect RS-232 cable and USB Adapter

Plug the other end of the RS-232 cable into the USB-to-RS-232 adapter. Tighten integrated screws.

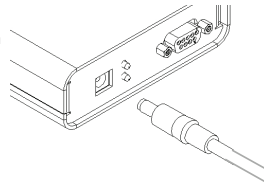
4.



Plug USB-to-RS-232 Adapter into PC

Plug USB-end of the USB-to-RS-232 adapter into PC.

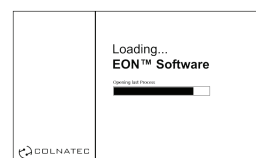
5.



Connect Power to Eon-LT™

Plug Eon-LT™ power adapter into AC outlet. Then plug DC connector into the Eon-LT™.

6.



Start Eon-LT™ Software

Start Eon-LT™ software and follow the First Start setup procedure described in the Eon-LT™ User Manual (available on Eon-LT™ software CD).

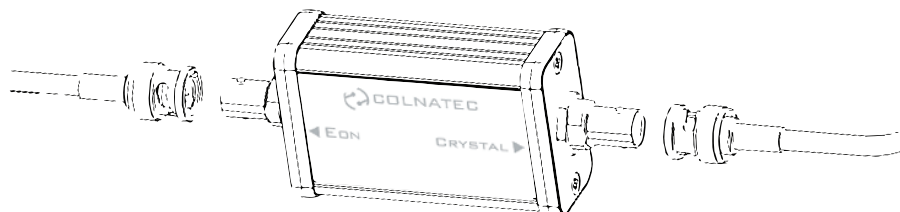
C. Connecting Oscillator (Optional)

1.

Attach Eon-LT™ and Sensor to Oscillator

Attach Eon-LT™ BNC cable to connector marked "Eon". Then, attach sensor BNC cable to oscillator connector marked "Crystal".

Without an oscillator, length between the Eon-LT™ and the crystal compartment SHOULD NOT exceed 36 inches (914 mm). Erratic noise levels in oscillation reading will result without use of an external oscillator.



ADVISORY

WARRANTY LABEL



If the warranty label has been tampered with, "VOID" will appear where the warranty label was originally placed. If this is visible at the time of arrival, it is important that you contact Colnatec immediately after receiving the product.

INSPECT PRODUCT CONDITION ON ARRIVAL





Examine Your new Eon-LT™ for any signs of physical damage. Make sure that the tamper-evident labels are intact. Before shipping, your Eon-LT™ was calibrated and tested by Colnatec to meet the highest quality standards. It is important that you take a few minutes to inspect the product to ensure that your equipment was not damaged or otherwise tampered with during transit.

Facilities Requirements

While Colnatec tries to include in your shipment everything you will need to begin using your new system, be advised that there are certain items needed for the operation of the system that must be provided by the facilities. This preparation guide will help you prepare in advance, ensuring that all the required items are available at the time of installation.

Eon-LT™	Computer 	<ul style="list-style-type: none"> Windows XP or greater One USB port Minimum 1GB free hard disk space Minimum 1GB ram
	Power 	<ul style="list-style-type: none"> 120-240vac 50/60 HZ Mains

Crystal Buying Guide

	SuperQuartz  CNT06SQG CNT06SQPN CNT06SQA	HT Quartz  CNT06HTIA CNT06HTG	RC Quartz  CNT06RCIA CNT06RCIG CNT06HTIG	AT-Quartz  CNT06IG CNT06IS CNT06IA
PVD, OLED				20-100°C
ALD, OLED, CVD			20-250°C	
ALD, CVD		250-400°C		
ALD, CVD	400°C+			

