

Pylon Electronics Inc.  
 147 Colonnade Road  
 Ottawa, ON K2E 7L9

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## **CERTIFICATE OF CALIBRATION**

**Description** PRECISION INTEGRATING S.L.M  
**Model Number** 831/LXT  
**Instrument Id** LAR-W16-01  
**Manufacturer** LARSON DAVIS  
**Customer Name** GHD LIMITED  
**Purchase Order** 11073517-1000640

**Work Order** H66732  
**Serial Number** 0004812  
**Cal Procedure** 33K3-4-2895-1  
**Cal Date** 18 Oct 2018  
**Recall Cycle** 52 Weeks  
**Next Cal Date** 18 Oct 2019

**Calibration Environment:** Temperature 23.0 °C

Relative Humidity 34.6 %RH

**Received Condition:** Within Tolerance

**Completed Condition:** Within Tolerance

**Remarks:** Unit calibrated with Preamp PRMLxT1L S/N 016648 and Mic 33B02 S/N 167613.

### Standards Used to Establish Traceability

<b>Instrument Type</b>	<b>Model</b>	<b>Asset #</b>
SOUND LEVEL CALIBRATOR	4231	10629

Pylon certifies that, at the time of calibration, the above listed instrument meets or exceeds all of the specifications defined on the Test Data Sheet (TDS), unless otherwise indicated. The Certificate received and completed conditions and the TDS specifications are based on the procedure(s) and/or specification(s) referenced on the TDS unless otherwise indicated. Any statement of compliance is made without taking measurement uncertainty into account and is based on the instrument's performance against the test limits documented on the test data sheet.

The above listed instrument has been calibrated using standards that are traceable to the International System of Units (SI) through a National Metrological Institute (such as NRC or NIST). Pylon's quality system meets the requirements of ISO/IEC 17025:2005. Unless otherwise specified, Pylon maintains a minimum of a 4:1 ratio between the equipment under test and the measurement system.

This report consists of two parts with separate page numbering schemes; the Certificate of Calibration and the Test Data Sheet (TDS). Copyright of this report is owned by the issuing laboratory and may not be reproduced, other than in full, except with the prior written permission of the issuing laboratory.

Test data As Found and Final (as left) results are the same unless reported otherwise. Certificate remarks identify if adjustments were performed.

Metrologist : **062**

Quality Assurance: **301**

Date of Issue: **19 Oct 2018**

F083 Rev 15

pylcert1

HALIFAX

MONTREAL

OTTAWA

TORONTO



## Calibration Test Data

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Description: PRECISION INTEGRATING S.L.M  
Model: 831/LXT  
Customer ID.: LAR-W16-01  
Manufacturer: LARSON DAVIS  
Customer: GHD LIMITED

Work order: H66732  
Serial: 0004812  
Procedure: 33K3-4-2895-1  
Proc. Rev.: 30-Oct-2006  
Cal Date: 18-Oct-2018

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## CERTIFICATE OF CALIBRATION

Description	PRECISION INTEGRATING S.L.M	Work Order	N0868367
Model Number	831	Serial Number	0002450
Instrument Id	LAR-WII-01	Cal Procedure	33K3-4-2895-1
Manufacturer	LARSON DAVIS	Cal Date	12 Aug 2020
Customer Name	GHD LIMITED	Recall Cycle	104 Weeks
		Next Cal Date	12 Aug 2022
		Purchase Order	Credit Card

Calibration Environment: Temperature 23.5 °C Relative Humidity 35.9 %RH

Received Condition: Within Tolerance

Completed Condition: Within Tolerance

Remarks: Unit calibrated with Preamp PRM831 S/N 017144 and Mic 377B02 S/N 167609

### Standards Used to Establish Traceability

Instrument Type	Model	Asset #	Cal Due Date
SOUND LEVEL CALIBRATOR	4231	240-1151	17 Sep 2020
PISTONPHONE	4220	L-014	6 Jun 2021

Pylon certifies that, at the time of calibration, the above listed instrument meets or exceeds all of the specifications defined on the Test Data Sheet (TDS), unless otherwise indicated. The Certificate received and completed conditions and the TDS specifications are based on the procedure(s) and/or specification(s) referenced on the TDS unless otherwise indicated. Any statement of compliance is made without taking measurement uncertainty into account and is based on the instrument's performance against the test limits documented on the test data sheet.

The above listed instrument has been calibrated using standards that are traceable to the International System of Units (SI) through a National Metrological Institute (such as NRC or NIST). Pylon's quality system meets the requirements of ISO/IEC 17025:2017. Unless otherwise specified, Pylon maintains a minimum of a 4:1 ratio between the equipment under test and the measurement system.

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pylcert1

Metrologist : 146

Quality Assurance: 301

Date of Issue: 12 Aug 2020

F083 Rev 15

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## Calibration Test Data

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Description: PRECISION INTEGRATING S.L.M  
Model: 831  
Customer ID.: LAR-WII-01  
Manufacturer: LARSON DAVIS  
Customer: GHD LIMITED

Work order: N0868367  
Serial: 0002450  
Procedure: 33K3-4-2895-1  
Proc. Rev.: 30-Oct-2006  
Cal Date: 12-Aug-2020