### Install & User Guide







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## Safety Information

**CAUTION** - This product utilises a laser.

CAUTION - Use of control or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure!

Do not open covers and do not repair yourself. Refer servicing to an authorised Promethean service agent. This product MUST be mounted to a building structure before use.

The installation work should be performed by a qualified installer. Attempting to install the product without the relevant experience is done so at your own risk. Incorrect or incomplete installation could result in personal injury, property damage or product failure. The System must be installed using all of the fixing brackets in the correct position, and with fasteners and fixings appropriate to the wall type.

The device is not field serviceable, nor is it intended to be serviced by dealers and/or distributors.

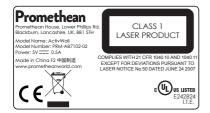
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to laser Notice No. 50 dated June 24, 2007.

The Laser is an Infrared Pulsed Diode Laser operating at:

Emitted wavelength. 905nm

Beam divergence 40 x 10 degrees (FWHM)
Pulse durations. Maximum 130us
Repetition rate Maximum 83Hz

Maximum output or energy output. Peak output 3.4W

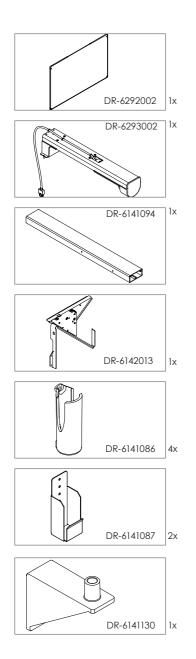


#### **Environmental Considerations**

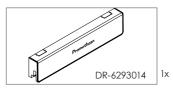
Temperature:		Humidity:	
Operating	0°C to 40°C	Operating	20% to 80%
Storage	-20°C to 60°C	Storage	10% to 90%

For further information and support about the installation and safe use of this product, please contact your local Promethean reseller or visit Promethean Support at <a href="https://www.prometheankb.com">www.prometheankb.com</a> or support. <a href="https://www.prometheankb.com">prometheankb.com</a> or support. <a href="https://www.prometheankb.com">prometheankb.com</a> or support.

### **Box Contents**





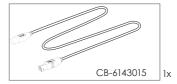






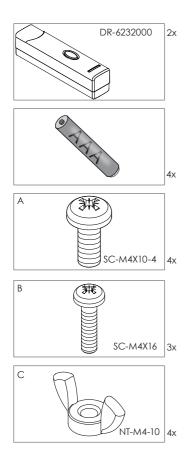


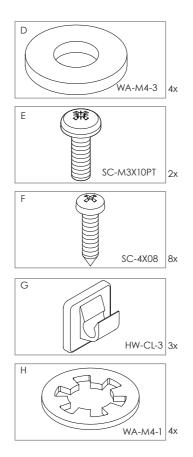




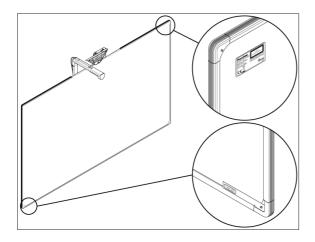


### **Box Contents**



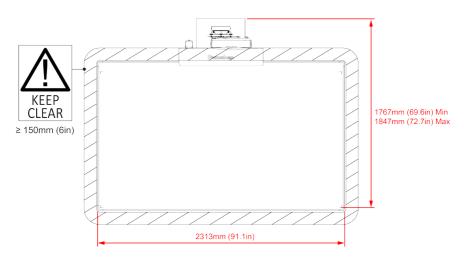


### Label Location



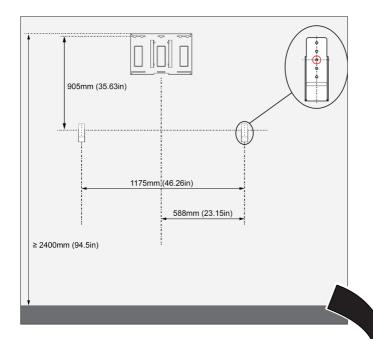
### Installation

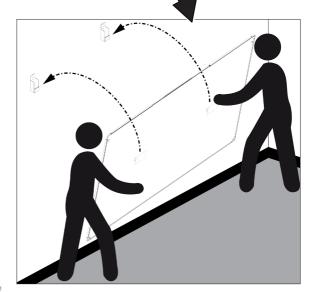
Note: Install applicable mount system and projector before beginning the board installation. See relevent instructions.



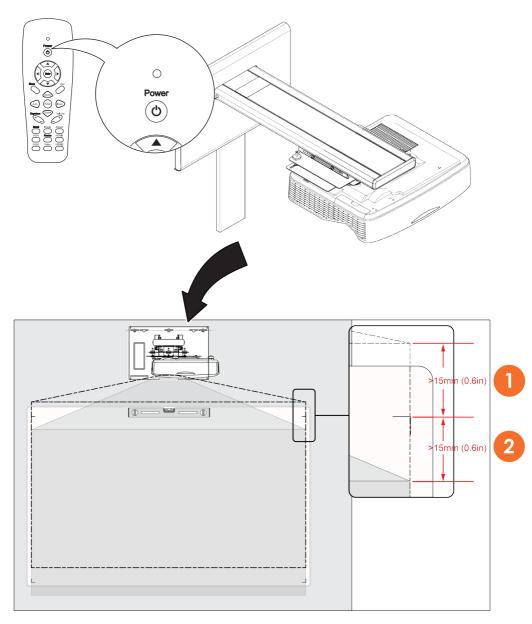






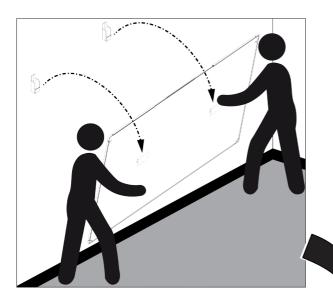


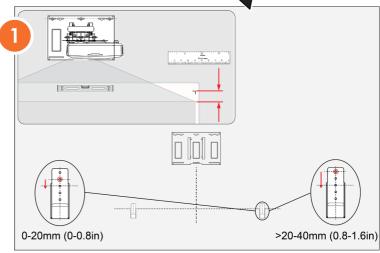
## Installation



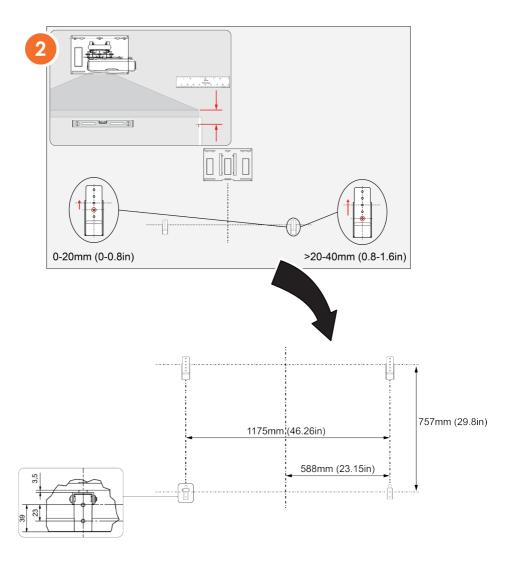








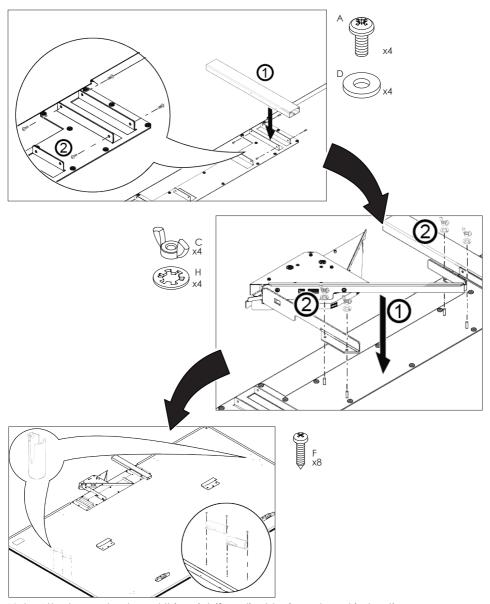
### Installation



Note: Refer to applicable mount system for fine adjustment of projector image. See relevent instructions.

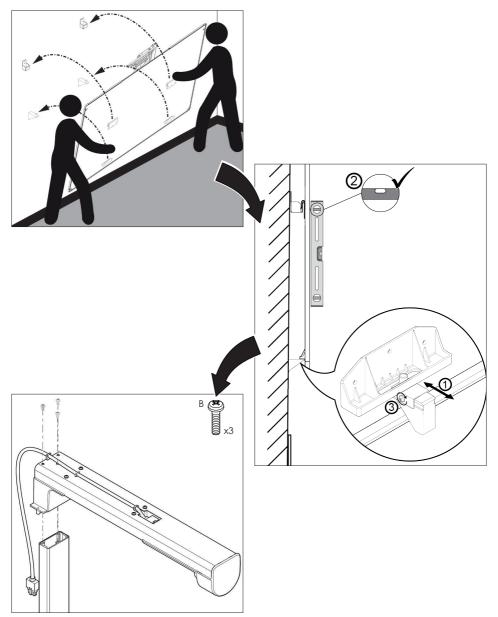






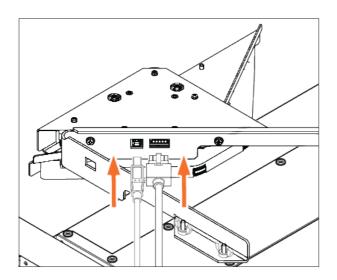
Note: Attach sound system at this point, if applicable. See relevent instructions.

## Installation

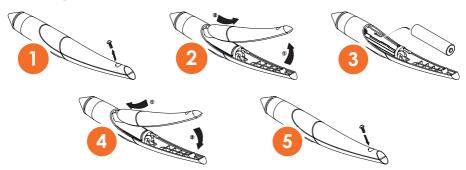




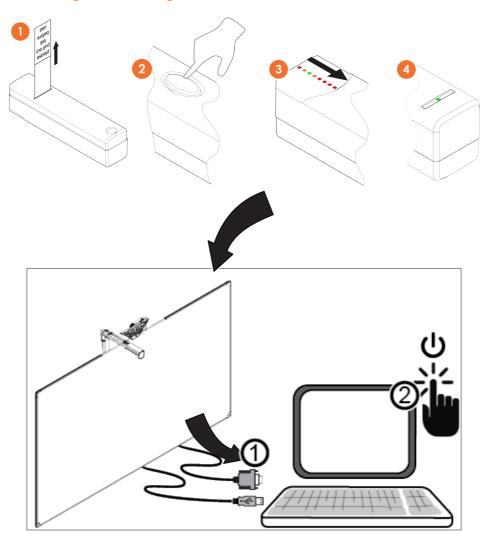




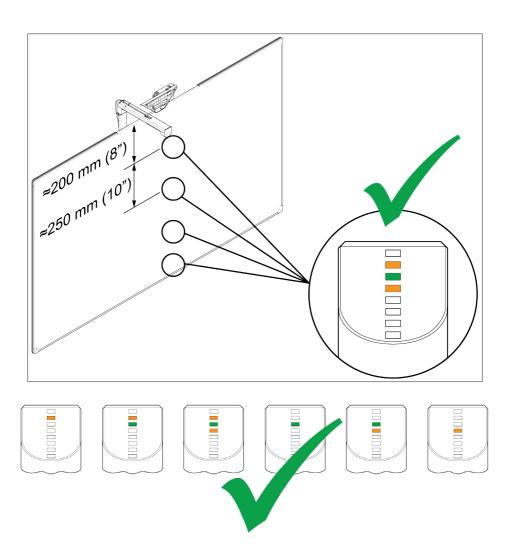
## Installing the Pen Battery



## Activating the LGA Alignment Tool

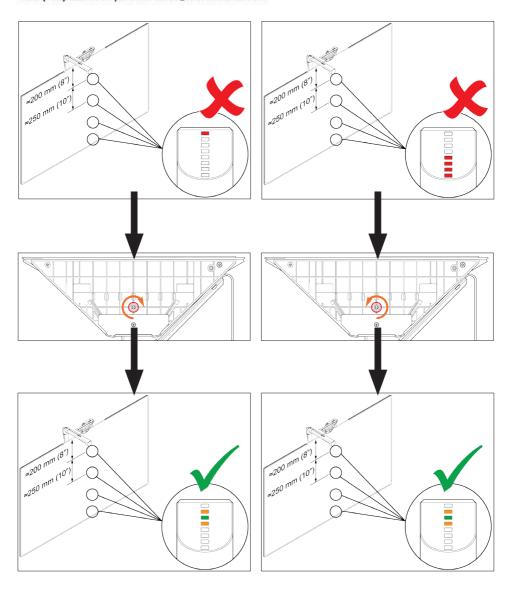






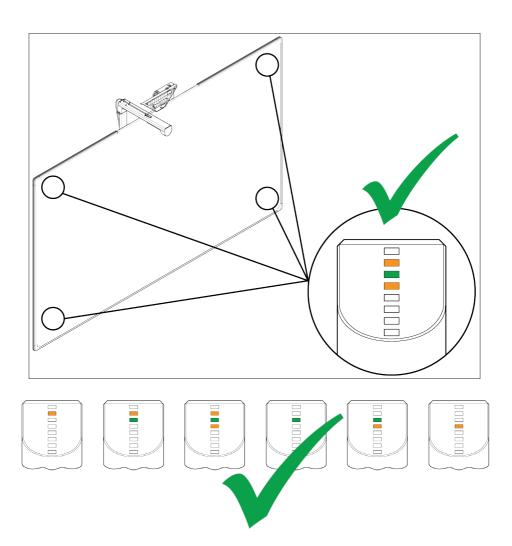


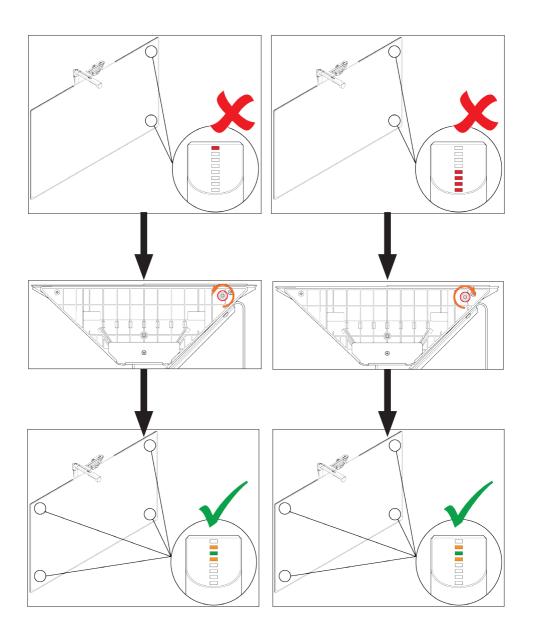
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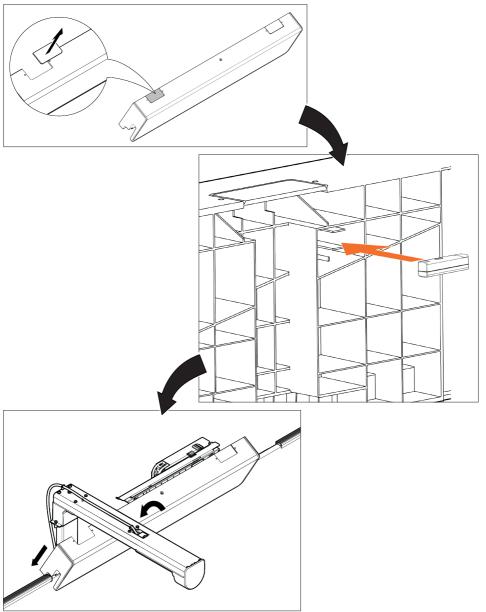


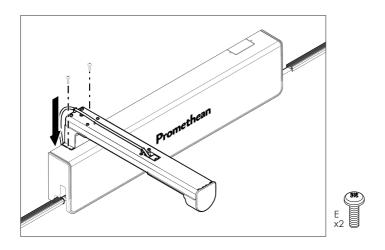




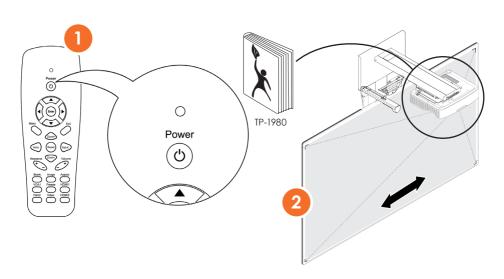








## Projector Alignment

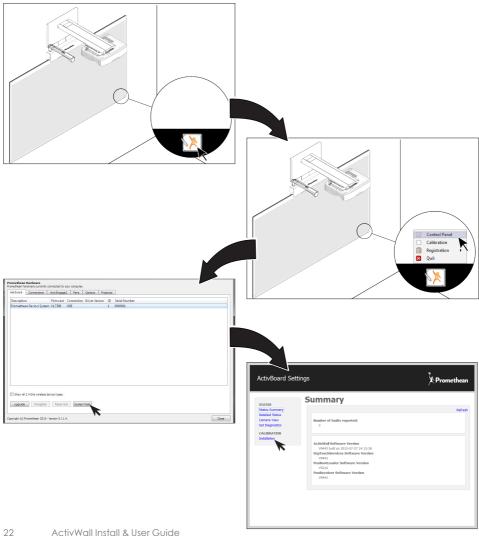




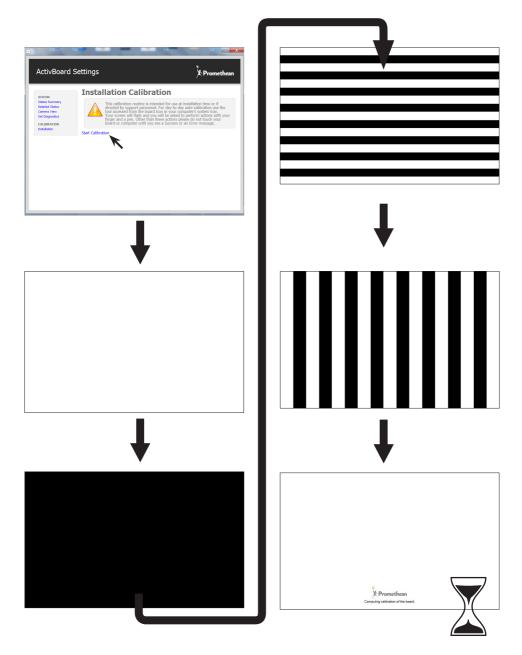
#### Calibration

#### Before You Start

Install the latest ActivDriver from www.prometheanplanet.com.

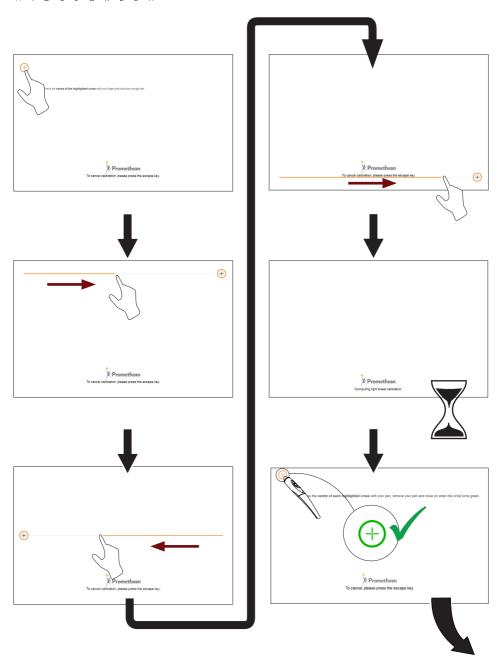


# Set Up & Calibration

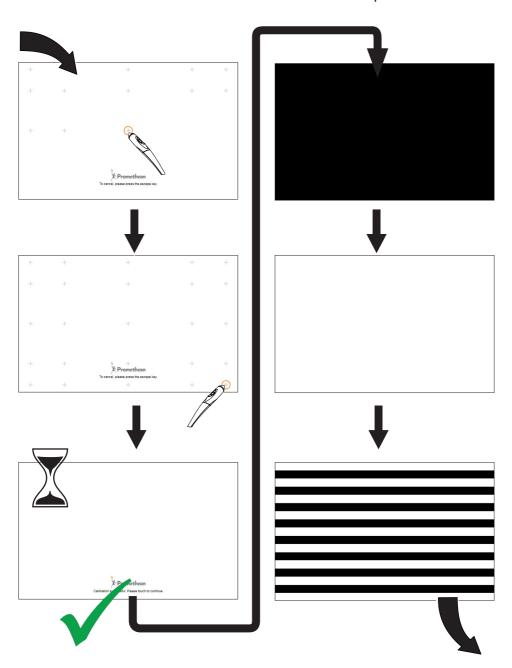




# Set Up Calibration

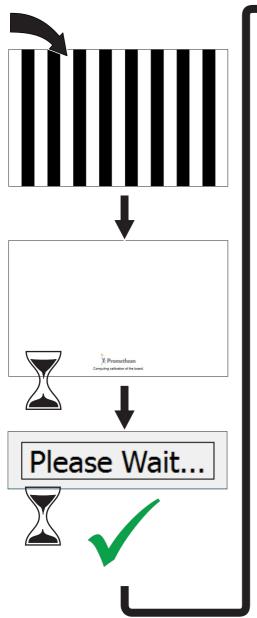


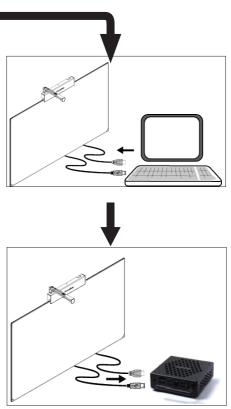
# Set Up Calibration





## Set Up & Calibration





## Compliance

Model No: PRM-AB7102 -02

Product complies with IEC 60825-1 ed.2 (2007)

Serial number structure:

PLANT CODE	YEAR	MONTH	DAY	SERIAL NO			
C 10 05 07 0593							
Product Code: Serial Number: C1005070593							

#### United States of America

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Do not make any changes or modifications to the equipment.

#### Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

#### FU

UK: Promethean hereby declare that the equipment is in compliance with the Low Voltage Directive and the Electromagnetic Compatibility Directive.

The equipment meets the following conformance standards: EN 55022, EN 55024 and EN 60950-1.

Please contact Promethean for a copy of the Declaration of Conformity if required.

WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Waste Electrical and Electronic Equipment (WEEE)

For more information concerning the correct disposal of these products, please contact your Promethean reseller.







### Technical Support

For an equipment connectivity diagram, online support, self-help solutions and further support visit Promethean Support at: <a href="https://www.prometheankb.com">www.prometheankb.com</a> or support, prometheanworld.com

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