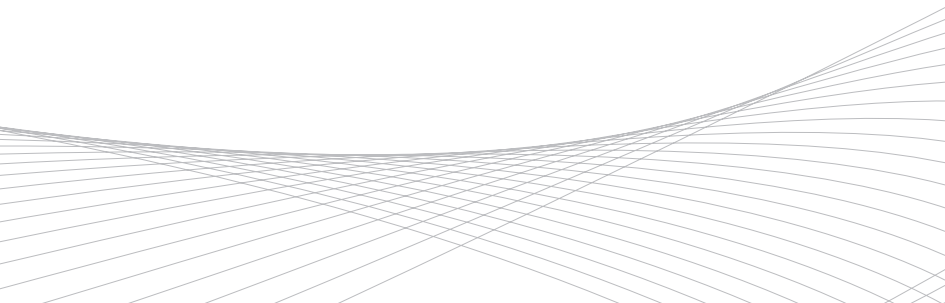


Bi-Bright®

iRed⁺

INTERACTIVE WHITE BOARD
MANUAL

FC CE



Thank you for your purchase of a
Bi-Bright Interactive Whiteboard.

Visite us at www.bibright.com

Bi-Bright®






Bi-Bright S.A.

Rua Cais da Estação, 3885-528 Esmoriz
P.O. BOX 43, 3886 - 909 Esmoriz - Portugal
T: +351 256 750 120 M: info@bibright.com
www.bibright.com

Bi-Bright S.A. is a company of the Bi-silque SGPS Group.

Declaration of Conformity

This device is in conformance with Part of the FCC Rules and Regulations for Information Technology Equipment. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

				
SGS Germany GmbH		BRANCH CMB 1423-09		
Test Report No.: L1BS0001				
Order No.: L1BS		Pages: 26		
Client:	Bi-Bright S.A.			
Equipment Under Test:	Multitouch interactive whiteboard (flat)			
Manufacturer / Importer:	Bi-Bright S.A.			
Task:	Compliance with the requirements mentioned below.			
Test Specification(s): (covered by accreditation)	• FCC 47 CFR Part 15 \$15.107 \$15.109			
Result:	The EUT complies comply with the requirements of the test specifications.			
The results relate only to the items tested as described in this test report.				
approved by:	Date	Signature		
Stefan Lab Manager EMC	Sep 19, 2016			
This document was signed electronically.				
<small>SGS Germany GmbH (Hamburg), DE, DAKKS Member of Issuing Body for ELECTRO-MECH. COMPONENTS TESTING ENVIRONMENTAL SIMULATION ELECTROMAGNETIC COMPATIBILITY MEDICAL DEVICE TESTING BATTERY TESTING PRODUCT SAFETY TELECOM CONFORMANCE TESTS Phone: +49 (0) 202 9705-100, Fax: +49 (0) 202 9705-110, Internet: www.sgs.com</small>				

Responsible Party Address

Bi-Bright COMUNICAÇÃO VISUAL
INTERACTIVA S.A.

Rua Cais de Estação n° 340, P.O. Box 43,
3885-528 Esmoriz, Portugal

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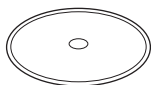
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What's in the Accessories Box

Thank you for your purchase of the Interactive whiteboard (IWB). If any items are missing or damaged, please contact the authorized reseller immediately.

CONTENTS:

P1 : 1 pc



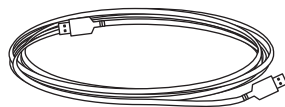
P2 : 1 pc



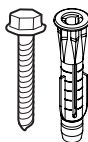
P3 : 1 pc



P4 : 1 pc



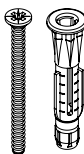
P5 : 4 pc



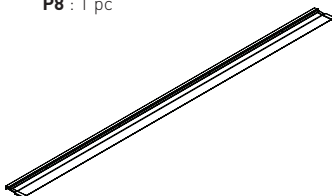
P6 : 4 pc



P7 : 4 pc



P8 : 1 pc



P9 : 2 pc



System Requirements

- Operating Systems: Windows® (XP or later) Mac® and Linux®
- Interface: USB 2.0
- Pentium III 800 1GHZ processor (or higher)

Recommended Software System Requirements

Minimum requirements - Windows®:

- XP Service Pack 3
- 1GHz Processor
- 512 MB RAM
- 400 MB free space

Minimum requirements - MAC®:

- Version 10.4 (Intel®)
- 512 MB RAM
- 500 MB free space
- 128 MB graphics memory

Minimum requirements - Linux® Ubuntu:

- Version 10.4
- 800 MHz Processor
- 512 MB RAM
- 500 MB free space
- 128 MB graphics memory
- Desktop effects enabled

Introduction

The Interactive whiteboard uses infrared technology. Working seamlessly with a projector and computer, the Interactive whiteboard provides more convenient, interactive and effective presentations. Perfect for school auditoriums, conference rooms, trade shows, symposiums and lecture halls. Users can write on the screen using the included pen, stylus or the user's finger.

- **Writing:** Write, draw and perform mouse functions with your finger. The whiteboard displays your penmanship instantaneously.
- **Interacting:** In video conferencing, both parties can share data and write in real time just like a standard conference room. Once integrated with Polycom or other video conferencing systems, using Interactive whiteboard can improve video conference results and efficiency.
- **Touch Recognition:** Can recognize multi touch gestures, finger touch, right-click, left-click, double click and more.

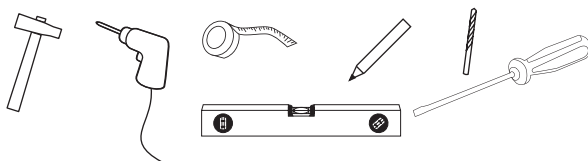
How to Install Hardware

Note:

Do not set up and use your interactive whiteboard in an area with direct sunlight, excessive levels of dust or humidity.

1. Wall Mount:

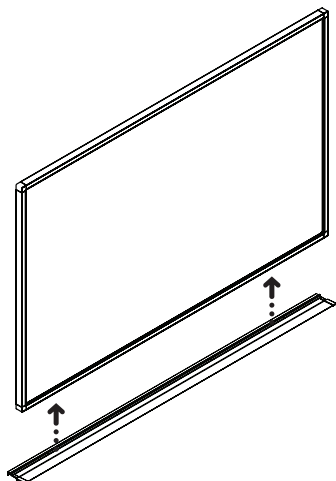
We recommend the usage of the additional following tools:



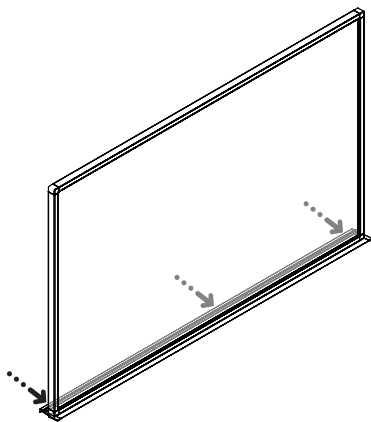
Additional Tips:

- plastic covered gutter to hide electrical cables
- choose a solid location for the anchors/screws, like concrete block, wood stud, etc.
- use the wall anchors according to the wall construction material

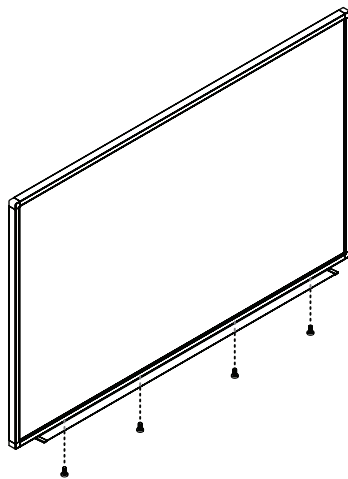
01.



02.



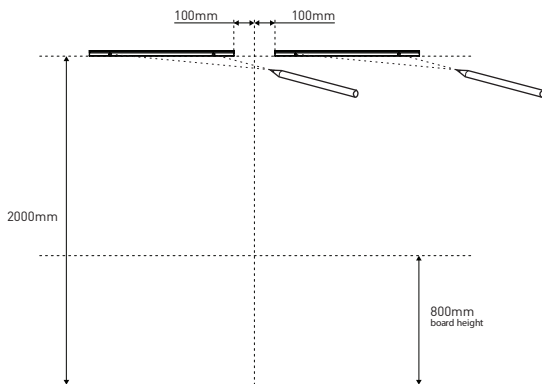
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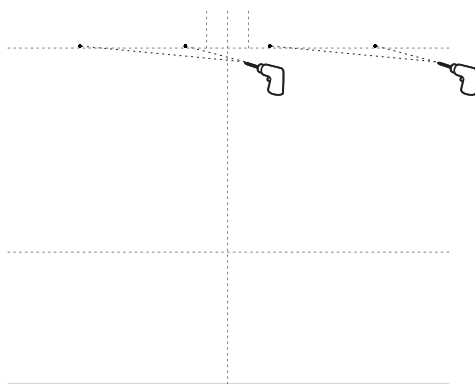
P6 : 4 pc



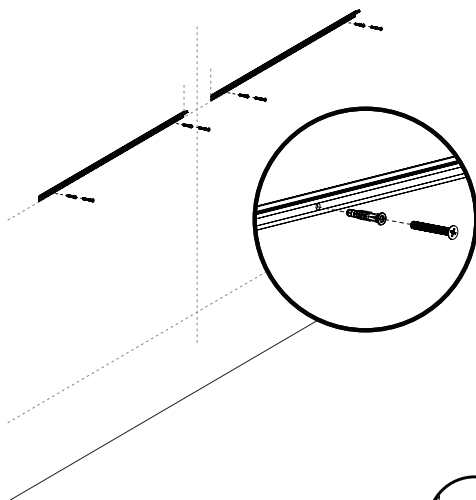
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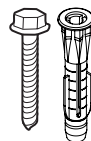
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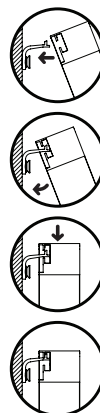
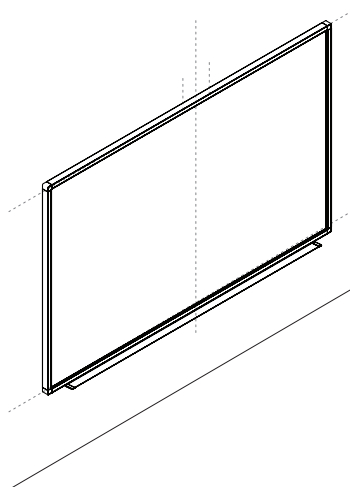
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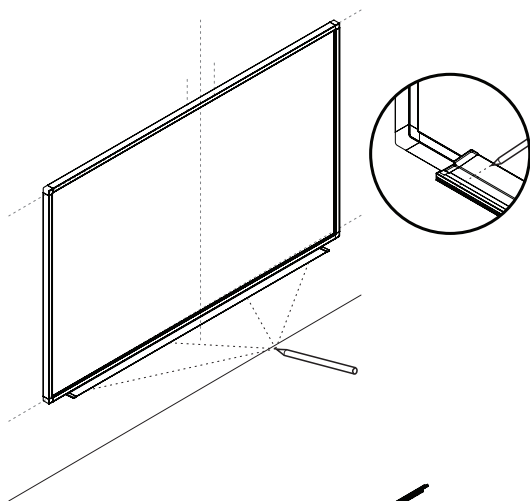
P5 : 4 pc



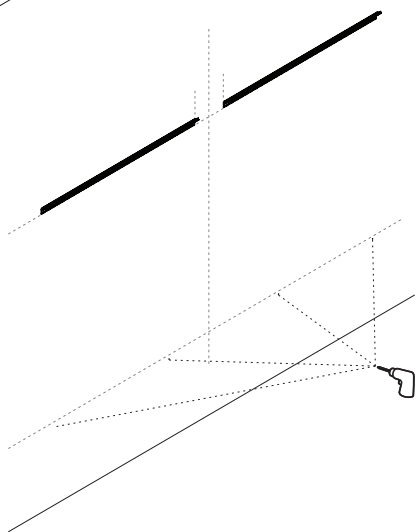
07.



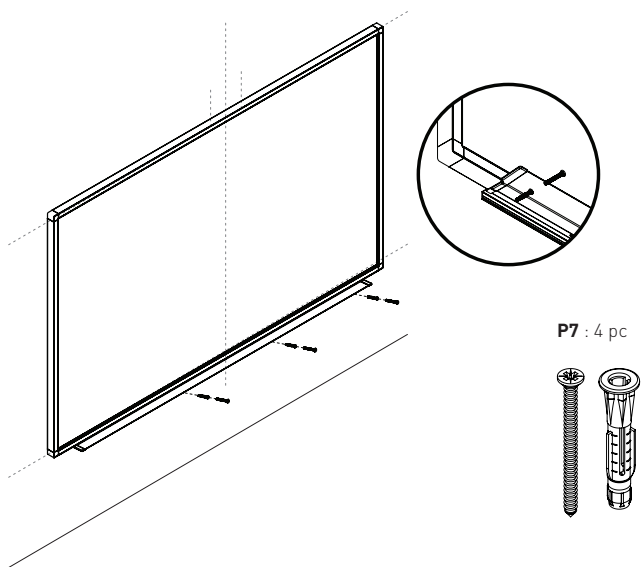
08.



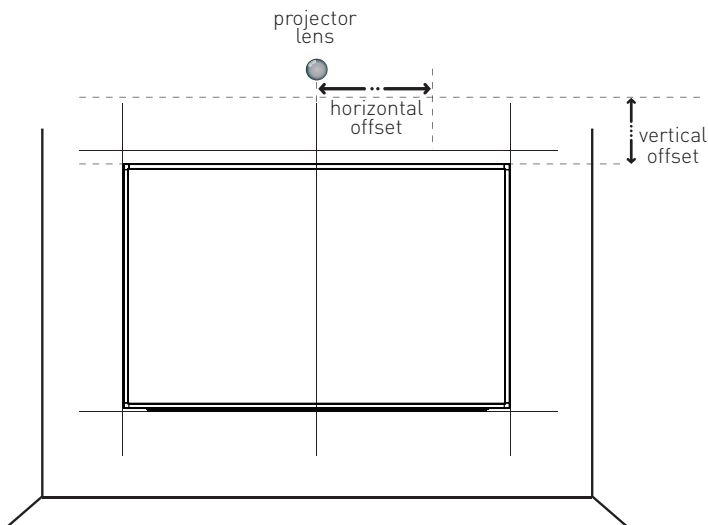
09.



10.



11. Consult your projector web site for the horizontal offset and vertical offset of the projector. Be aware that the projection surface is the white surface and not the IWB frame.



Sometimes the projector has its own arm but in the projector web site you will find the distances needed (until the projection surface).

Also the center of the lens must be aligned with the center line that you previously marked on the wall.

Be aware that the projection surface is the white surface and not the IWB frame.

Use an HDMI connection to the computer to transmit video and audio.

12. Do not forget of the projector definitions [4:3 - 78", 16:10 - 88" and 16:9 - 96"].

Set-up

Plug & Play

No driver installation needed for running the IWB, just connect the computer. The Interactive Whiteboard is recognized as an HID device, once connected to the computer. Depending on the features of your computer, you may be requested to restart it.

Calibrating

Before initiating the calibration process always press the Reset button if it is active, as it will most likely indicate that your pc was connected to a different multi touch device.

STEP 1 - Users can calibrate image by opening the calibration tool (according to your computer operating system) that is stored in the IWB SD Card (or in the supplied CD – depending on your iwb version). For Windows 7 and 8 we recommend calibrating the interactive whiteboard with the Windows native tool “Tablet PC definitions” The image must be all inside the whiteboard surface to be able to make the calibration.

STEP 2 - After opening this program the following point of calibration will appear:



STEP 3 - Press in the centre of each calibration point.

STEP 4 - The Calibration is complete.

If the calibration does not complete successfully, please check that there is nothing blocking the IR signal in the IWB surface. The surface must be completely empty, meaning, nothing can be on it. Moreover, the projector image must be completely inside the white surface. Please leave at least 1cm distance between the projector image and the board frame (along the 4 sides). If still unsuccessful go back to step 1.

How to Use Annotation Software (optional)

For details, please refer to the software users manual on the CD.

Troubleshooting Guide

Problem	Reason	Try the following
The SD folder does not open in your computer	Failure of connection	Disconnect and reconnect the USB cable.
Unable to calibrate	Insufficient computer user rights	Ask your IT administrator for the necessary permissions
Unsuccessful calibration	LED blockage	Check that there is nothing blocking the IR signal in the IWB surface and that the projector image is completely inside the white surface (at least 1cm distance between the projector image and the board frame) along the 4 sides.
The supplied USB cable isn't long enough	The place where you have or want to place your computer is further away than the USB cable length.	Purchase a longer active USB cable (according to your need but up to a recommended maximum of approx. 393.71"/ 10 m long). This particular cable amplifies the electrical signal running from the computer to the interactive white board.
Reduction in performance/ accuracy	Damaged or unsuitable USB cable	Contact your authorized reseller or purchase a new active USB cable (according to your need but up to a recommended maximum of approx. 393.71"/ 10 m long). This particular cable amplifies the electrical signal running from the computer to the interactive white board.

If you have some difficulty or question that is not answered here you can contact us at **www.bibright.com**
It will be useful to give us the model and the size of your Interactive Whiteboard.

Specifications

78" Interactive Whiteboard	
Technology	Infrared
Touch System	Pen, Stylus or Finger
Touchable range	46,2" x 62,2" (1174mm x 1583mm)
Resolution	4096 x 4096
Response Time	First dot:25ms,continuous dot:8ms
Cursor Speed	118" / 300cm /second
Coordinate Accuracy	3mm / 0.11"
Current Consumption	<1W (200mA at 5V)
Port	USB 2.0
Dimensions	Without Pen Tray: 64,5" x 48,4" x 1,5" (1637mm x 1229mm x 37,5mm) With Pen Tray: 64,5" x 48,4" x 3,5" (1637mm x 1229mm x 89 mm)
Packing Dimensions	66,9" x 50,9" x 3,9" (1700mm x 1292mm x 100mm)
Net Weight	21kg (46,3 lbs)
Gross Weight	25kg (55 lbs)
Accessories	Standard: Wall mount accessories. Optional: CD with Interactive software
Operating Temp	14°F to 113°F (-10 °C to 45 °C)
Operating Humidity	10-90%
Storage Temp	-22°F to 140°F (-30 °C to 60 °C)
Storage Humidity	0-95%

Specifications

88" Interactive Whiteboard	
Technology	Infrared
Touch System	Pen, Stylus or Finger
Touchable range	46,2" x 74,4" (1174mm x 1889mm)
Resolution	4096 x 4096
Response Time	First dot:25ms,continuous dot:8ms
Cursor Speed	118" / 300cm /second
Coordinate Accuracy	3mm / 0.11"
Current Consumption	<1W (200mA at 5V)
Port	USB 2.0
Dimensions	Without Pen Tray: 76" x 48,4" x 1,5" (1944mm x 1229mm x 37,5mm) With Pen Tray: 76" x 48,4" x 3,5" (1944mm x 1229mm x 89mm)
Packing Dimensions	79" x 50,9" x 3,9" (2007mm x 1292mm x 100mm)
Net Weight	24kg (52,9 lbs)
Gross Weight	28kg (61,7 lbs)
Accessories	Standard: Wall mount accessories. Optional: CD with Interactive software
Operating Temp	14°F to 113°F (-10 °C to 45 °C)
Operating Humidity	10-90%
Storage Temp	-22°F to 140°F (-30 °C to 60 °C)
Storage Humidity	0-95%

Specifications

96" Interactive Whiteboard	
Technology	Infrared
Touch System	Pen, Stylus or Finger
Touchable range	46,2" x 84,4" (1174mm x 2144mm)
Resolution	4096 x 4096
Response Time	First dot:25ms,continuous dot:8ms
Cursor Speed	118" / 300cm /second
Coordinate Accuracy	3mm / 0,11"
Current Consumption	<225 mA
Port	USB
Dimensions	Without Pen Tray: 86,6" x 48,4" x 1,5" (2199mm x 1229mm x 37,5mm) With Pen Tray: 86,6" x 48,4" x 3,5" (2199mm x 1229mm x 89mm)
Packing Dimensions	89" x 50,9" x 3,9" (2262mm x 1292mm x 100mm)
Net Weight	27kg (59,5 lbs)
Gross Weight	33kg (72,8 lbs)
Accessories	Standard: Wall mount accessories, 1 pointer pen. Optional: CD with Interactive software, Pen tray
Operating Temp	14°F to 113°F (-10 °C to 45 °C)
Operating Humidity	10~90%
Storage Temp	-22°F to 140°F (-30 °C to 60 °C)
Storage Humidity	0~95%

Warning

According to the CE Mark, this is a class A product. In a domestic environment this product may cause radio interferences in which case the user may be required to take adequate measures.

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