

Smart SBM685IX3

SMART Board Interactive Whiteboard System SBM685IX3 User Manual

Model: SBM685IX3

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your SMART Board Interactive Whiteboard System SBM685IX3. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your experience.

2. PRODUCT OVERVIEW

The SMART Board Interactive Whiteboard System SBM685IX3 is an advanced interactive display solution designed for collaborative environments such as classrooms and meeting rooms. It combines an 87-inch interactive whiteboard with an ultra-short-throw projector to deliver a large, dynamic display surface.

Key components include:

- **Interactive Whiteboard:** An 87-inch (7.25 feet diagonal viewing angle) touch-sensitive surface for direct interaction.
- **Ultra-Short-Throw Projector:** Projects large images from a very short distance, minimizing shadows and glare. Features a 16:10 widescreen (WXGA) aspect ratio and a built-in 16W speaker.
- **Pen Tray:** For storing interactive pens.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all the following components are present:

- SMART Board M685 (87")
- Wall mount for SMART Board
- Pen tray
- 2 Pens
- Eraser
- Ultra-Short-Throw Projector
- Projector mount
- USB cable (for SMART Board connectivity)
- HDMI cable (for projector video input)
- Power cables (for projector and SMART Board)
- Quick start guide

4. SETUP INSTRUCTIONS

Follow these steps to set up your SMART Board Interactive Whiteboard System:

4.1 Mounting the Whiteboard and Projector

1. **Install Whiteboard Wall Mount:** Securely attach the provided wall mount hardware for the SMART Board to a sturdy wall surface according to the quick start guide.
2. **Mount Whiteboard:** Carefully lift and attach the SMART Board M685 to the installed wall mount.
3. **Install Projector Mount:** Attach the projector mount to the wall or ceiling, ensuring it is positioned correctly above the whiteboard. The ultra-short-throw projector is designed to project a 100-inch image from approximately 12 inches away from the edge of the projector to the screen.
4. **Mount Projector:** Secure the ultra-short-throw projector onto its mount.



Figure 4.1: An installed SMART Board interactive whiteboard system in a room, showing the projector mounted on the wall above the board, displaying a blue Windows background.

4.2 Connecting the System

1. **Connect SMART Board to Computer:** Use the provided USB cable to connect the SMART Board to your computer. This enables touch and pen interaction.
2. **Connect Projector to Computer:** Use the provided HDMI cable to connect the projector to your computer's video output.
3. **Power Connections:** Connect the power cables to the SMART Board and the projector, then plug them into appropriate power outlets.
4. **Power On:** Turn on the projector and the SMART Board. Your computer's display should now be projected onto the whiteboard.

5. OPERATING INSTRUCTIONS

The SMART Board SBM685IX3 offers intuitive interaction for various applications.

5.1 Basic Interaction

- **Touch and Pen:** Use your finger or the provided pens to interact with the projected content. The system supports dual-touch controls, allowing multiple users to interact simultaneously.
- **Mouse Functions:** Perform standard mouse functions (click, right-click, drag) directly on the board.
- **Touch Gestures:** Utilize natural touch gestures such as flicking, rotating, and zooming to manipulate content.

5.2 SMART Ink Functionality

SMART Ink allows you to write and draw directly over various applications and content:

- **Annotate:** Write over websites, videos, PDF documents, and Microsoft Office files.

- **Save Notes:** Save your annotations and notes in almost any file type for later reference or sharing.



Figure 5.1: The SMART Board interactive whiteboard displaying a world map with annotations, illustrating interactive teaching or presentation capabilities.



Figure 5.2: Two children interacting with the SMART Board interactive whiteboard, which displays a dinosaur skeleton image, demonstrating its use in educational settings.

5.3 System Compatibility

The SMART Board SBM6851X3 is compatible with both Windows and Mac OS operating systems, allowing for flexible integration into existing IT infrastructures.



Figure 5.3: The SMART Board interactive whiteboard displaying the Windows Start menu with various applications, emphasizing its computer-like functionality.

6. FEATURES

The SMART Board Interactive Whiteboard System SBM685IX3 offers several features to enhance collaboration and presentation:

- **Natural Touch Experience:** Write, erase, and perform mouse functions using a finger or pen with intuitive touch gestures like flick, rotate, and zoom.
- **Simultaneous Touch:** Supports multiple simultaneous touches, facilitating collaborative work among students or team members.
- **SMART Ink Integration:** Allows users to write directly over various digital content, including websites, videos, PDFs, and Microsoft Office files, and save notes in multiple file formats.
- **Enhanced Presentations:** Provides a large, dynamic surface for delivering engaging content, enabling audience interaction with on-screen elements.
- **Versatile Applications:** Suitable for diverse uses such as capturing project notes, incorporating client feedback in design processes, and creating training simulators.

7. MAINTENANCE

To ensure the longevity and optimal performance of your SMART Board system, follow these maintenance guidelines:

- **Cleaning the Whiteboard:** Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaner specifically designed for interactive whiteboards. Avoid harsh chemicals or abrasive materials.

- **Projector Lens Care:** Gently clean the projector lens with a lens cleaning cloth or air blower to remove dust. Do not touch the lens directly with your fingers.
- **General Cleaning:** Keep the surrounding area clean and free of dust. Regularly wipe down the projector casing and pen tray.
- **Cable Management:** Ensure all cables are securely connected and not under strain. Avoid bending or kinking cables sharply.

8. TROUBLESHOOTING

If you encounter issues with your SMART Board system, refer to the following common troubleshooting steps:

8.1 No Display on Whiteboard

- **Check Power:** Ensure both the projector and the SMART Board are powered on and their power cables are securely connected.
- **Verify HDMI Connection:** Confirm the HDMI cable is firmly connected between the computer and the projector.
- **Computer Display Settings:** Check your computer's display settings to ensure it is configured to extend or duplicate the display to the projector.
- **Projector Input:** Ensure the projector's input source is set to the correct HDMI port.

8.2 No Touch or Pen Interaction

- **Check USB Connection:** Ensure the USB cable connecting the SMART Board to your computer is securely plugged in.
- **Driver Installation:** Verify that the necessary SMART Board drivers are installed on your computer. Refer to the SMART Technologies website for the latest drivers.
- **Calibration:** If interaction is inaccurate, perform a calibration of the SMART Board. Instructions for calibration are typically found in the SMART software settings.

8.3 Audio Issues

- **Volume Levels:** Check the volume settings on your computer and the projector.
- **Audio Output:** Ensure your computer's audio output is directed to the HDMI port connected to the projector.

For further assistance, consult the detailed troubleshooting guides available on the SMART Technologies support website.

9. SPECIFICATIONS

The following are the technical specifications for the SMART Board Interactive Whiteboard System SBM685IX3:

Feature	Specification
Brand	Smart
Model	SBM685IX3
Manufacturer	NETCNA

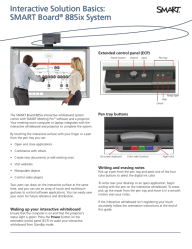
Feature	Specification
Item Weight	63 pounds
Product Dimensions	77.5 x 49.5 x 2 inches
Whiteboard Size	87 inches (7.25 feet diagonal viewing angle)
Projector Type	Ultra-Short-Throw
Projector Aspect Ratio	16:10 Widescreen (WXGA)
Projector Audio	Built-in 16W speaker
Connectivity	USB (for board), HDMI (for projector)
Color	White
Material Type	Low friction aluminum
Mounting Type	Wall Mount
Recommended Uses	School, office, presentation, education, training, classroom, remote learning, workshops, meetings, project management, business presentations
ASIN	B01LB9GFKM
Date First Available	August 31, 2016




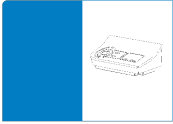

10. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, and service, please refer to the documentation included with your product or visit the official SMART Technologies website. Specific warranty terms may vary based on region and purchase date.

For driver downloads, software updates, and additional support resources, please visit the manufacturer's support portal.

Related Documents - SBM685IX3

	<p>SMART Board 885ix System: Interactive Solution Basics and User Guide</p> <p>Learn the basics of the SMART Board 885ix interactive whiteboard system, including setup, SMART Meeting Pro software, touch gestures, and orientation. Enhance collaboration and productivity in meeting rooms.</p>
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 <p>SMART Board® iv2 interactive whiteboard system Configuration and User's Guide</p> <p>SMART</p>	<p>SMART Board iv2 Interactive Whiteboard System Configuration and User's Guide</p> <p>Comprehensive guide for the SMART Board iv2 interactive whiteboard system, covering installation, setup, operation, maintenance, and troubleshooting for models SB480iv2 and SBM680Viv2, featuring the SMART V30 projector.</p>
 <p>SMART Board® M685ix2 interactive whiteboard system Configuration and User's Guide</p> <p>SMART</p>	<p>SMART Board M685ix2 Interactive Whiteboard System: Configuration and User's Guide</p> <p>Comprehensive guide for the SMART Board M685ix2 interactive whiteboard system and SMART UX80 projector, covering installation, operation, maintenance, and troubleshooting for educational and business environments.</p>
 <p>SMART Board® iv2 interactive whiteboard system Configuration and User's Guide</p> <p>SMART</p>	<p>SMART Board iv2 Interactive Whiteboard System: Configuration and User's Guide</p> <p>Comprehensive guide for the SMART Board iv2 interactive whiteboard system, covering configuration, installation, operation, maintenance, and troubleshooting for models SB480iv2 and SBM680Viv2. Includes details on the SMART V30 projector.</p>
 <p>Installation Guide SystemOn Expansion Module</p> <p>SMART</p>	<p>SMART SystemOn Expansion Module Installation Guide</p> <p>This installation guide provides comprehensive instructions for setting up the SMART SystemOn Expansion Module, detailing hardware installation, software configuration, and system integration with projectors and computers for interactive whiteboard environments.</p>
 <p>SMART Board® 800ix2 Interactive Whiteboard Systems Configuration and User's Guide</p> <p>SMART</p>	<p>SMART Board 800ix2 Interactive Whiteboard Systems: Configuration and User's Guide</p> <p>Comprehensive guide for SMART Board 800ix2 and 800ix2-SMP interactive whiteboard systems, covering configuration, installation, operation, maintenance, and troubleshooting. Learn about features, setup, and best practices for SMART interactive displays.</p>