



User manual

ELITEBOARD D82 Touch

More information at
edu.techsavers.com

MANUAL

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INTRODUCTION

The ELITEBOARD D82 Touch is a modern interactive whiteboard featuring infrared touch technology, an 82-inch size, which can be used in a classic way with writeable markers or as a fully interactive teaching tool. It combines a ceramic-magnetic surface with a durable aluminum frame and supports simultaneous use by up to five people.





MAIN FEATURES

Size	82" (physical dimensions 1750 x 1260 mm)
Type of surface	Ceramic-magnetic
Active area	1650 x 1160 mm
Type of frame	Aluminium frame with white finish
Touch technology	Infrared, 10-point touch surface
Touch accuracy	0.2 mm
Cursor speed	125 points/second
Power supply	USB, max. current 200 mA, power consumption 1 W.
Types of touch	Finger, pen, marker
Touch cycle life	Over 60,000,000 touches
Aspect ratio	16:9
Number of users	Up to 5 people simultaneously
Certification	CE, RoHS, FCC

Supplied Accessories

Interactive pens	3pcs	Color-coded pens for writing and interaction
Rubber	1pcs	Eraser pen/stylus for content
Pointer	1pcs	Pointer tool without writing
USB cable	1pcs	For power supply and communication with PC
Wall mounts	1pcs	For safe wall mounting
CD	1pcs	Contains software and controls
Manual	1pcs	Detailed manual in Slovak



INSTALLATION AND CONNECTION

PHYSICAL INSTALLATION

- Select a suitable location on the wall - the board should be within reach of both sitting and standing users.
- Use the mounting brackets to mark the positions on the wall.
- Securely fasten the board; we recommend a minimum of 2-3 people for safe installation
- leave at least 30 cm of free space around the board.

ELECTRICAL CONNECTION

- Connect the USB cable from the package to the USB port on the board.
- Connect the other end to a USB power source (laptop, PC, USB adapter).
- The board is powered and ready for interactive mode.
- For full interactivity, a projector must also be connected.

USE OF THE BOARD

MODE 1: CLASSIC CERAMIC BOARD

- Write on the board surface using common whiteboard markers.
- Erase the content with a dry cloth or sponge. In case of greater contamination/soiling, use an alcohol-based cleaning fluid.

MODE 2: INTERACTIVE MODE WITH PC/LAPTOP

- Install the software from the supplied CD or from the website.
- Connect the USB cable to the computer.
- Launch the E-class application/proprietary software.
- Connect the projector to visualize the image on the board.
- The board is ready for interactive control using a finger, interactive pens, and markers.

FUNCTIONS IN INTERACTIVE MODE

- Writing and drawing using interactive pens (3 colors) in real time
- Control using touch gestures: rotate, enlarge, reduce, move content
- Launching applications with a finger
- Inserting images and digital materials
- Possibility for up to 5 users to work simultaneously

MODE 3: MAGNETIC PROPERTIES OF THE BOARD

- The surface is magnetic, offering the possibility to attach magnetic accessories and cards for the visual organization of teaching.



MAINTENANCE AND CLEANING

CLEANING THE SURFACE

- Switch off the board (disconnect the USB cable).
- Use a soft, dry cloth; if heavily soiled, use a cloth slightly dampened with warm water/alcohol.
- Do not use aggressive chemicals, acetone, abrasive cleaning agents, or sharp objects.

MAINTENANCE OF PENS AND ERASER

- Regularly check the wear of the pens. The tips can be replaced.
- If the pen does not work, clean the tip with a soft brush.
- The eraser is replaceable, a package of replacement pens is available.

LONG-TERM CARE

- Avoid direct sunlight.
- Store the board in an environment with a temperature of \$10-40.
- Do not place heavy objects on the board.
- Check the USB cable for possible damage.

TROUBLESHOOTING

BOARD DOES NOT RESPOND TO TOUCH

- Check the USB connection (replace the port/cable).
- Restart the software/computer.
- Make sure the board is in the correct mode (not classic/standard mode).

LOW TOUCH ACCURACY

- Run the calibration process from the software.
- Reduce interference from nearby electromagnetic radiation.

PEN IS NOT WORKING

- Clean the pen tip with a soft brush.
- Make sure the pen is at the correct touch angle 45-90 degrees.

USB CABLE IS NOT WORKING

- Check the connection, try a different port or cable.
- Ensure that the device is recognized by the device manager.

TECHNICAL CERTIFICATES

- CE - European Conformity
- RoHS - Safety of electrical appliances
- FCC - Electromagnetic compatibility



WARRANTY CONDITIONS

- Warranty: 24 months (2 years from the date of purchase)
- Coverage: manufacturing defects, technical failures
- Does not cover: mechanical damage, improper use, natural disasters

How to claim warranty: Contact MB Tech with the sales receipt, describe the problem, prepare a photo of the packaging and the serial number of the board.

SAFETY INSTRUCTIONS

DO'S (WHAT TO DO)

- Install the board in a safe place out of the reach of unsupervised children.
- Regularly check the USB cable for damage.
- Keep the board dry.
- Turn off the board during long periods of non-use.

DON'TS (WHAT NOT TO DO)

- Do not immerse the board in water.
- Do not open the inside of the board or the infrared sensors.
- Do not use the board in humid places or outdoors.
- Do not combine with non-original USB cables with high voltage.

TIPS FOR BEST USAGE

- For Teachers: Prepare digital materials in advance for more effective use of the board.
- For Students: Interactive pens allow collaboration; up to 4 people can write simultaneously.
- For Presentations: The software provides tools for drawing and annotations.
- Hybrid Mode: Combine classic writing with interactive teaching in one lesson.
- Magnetism: Work with magnetic cards to highlight topics.

CONTACTS

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