

# Sensotec



## my Board Buddy

Brings the smartboard close by



## **my Board Buddy AIR**

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Version : 1.0.

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# Introducing my Board Buddy AIR

Thank you for choosing the my Board Buddy AIR as solution for duplicating a digital projection or smartboard. The image is retransmitted wirelessly via a transmitter to a monitor close to the user.

my Board Buddy is a stand-alone or complementary solution for school facilities used by visually impaired children and students.

my Board Buddy is easy to use thanks to a joystick that requires no prior knowledge of computers, meaning it can be used by children as young as 6.

## Package contents

The kit you received contains the following items:

- Transmitter my Board Buddy AIR
- my Board Buddy AIR receiver
- Operation
- Electric adapters
- VESA mounting plate + screws
- Instruction manual

Always check beforehand that all components be there!



## Care and maintenance

Clean your my Board Buddy with a damp, well-wrung cloth (NEVER use a wet blanket). Never use corrosive products: this will cause irreparable damage to the casing.

Keep the packaging in which my Board Buddy was delivered. The device can only be shipped in this packaging.

Always leave my Board Buddy enough space ( $\pm 10$  cm) to allow air to circulate through the openings. Never cover the grid: you risk overheating the unit.  
Use only the mains adapter supplied. Use of an incorrect type may damage the unit.

Never switch on the device if it has been exposed to water.  
Place all cables in such a way that no-one can trip over them or pinch them.

# Warranty

Sensotec NV offers a warranty on my Board Buddy for a maximum of two years after purchase, in accordance with the statutory warranty provisions.

Damage caused by inappropriate or negligent use is not covered by the warranty.

Maintenance and repair work may only be carried out by Sensotec technicians. The device must never be opened by the user or third parties. Should this happen, your warranty will expire without any obligation on our part.

## Technical support.

Use this manual as a user guide. Make sure that your IT department is sufficiently familiar with its operation, so that the card can be properly integrated into the network.

You can contact your local supplier for technical assistance. If the technical problem persists, or if you cannot find the answer to your question in this manual, please do not hesitate to contact us by e-mail ([support@sensotec.be](mailto:support@sensotec.be)) or by telephone on +32 50 40 47 47.

# Building a boardroom buddy

## Transmitter overview

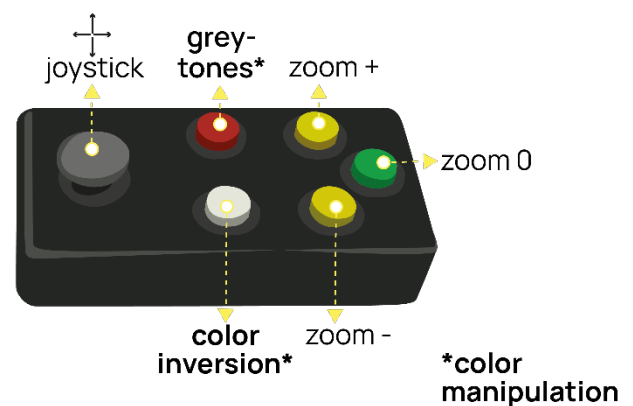
- Connection for power adapter
- HDMI input
- HDMI output
- Diagnostic LED
- switch

## Receiver overview

- Micro USB connection for power adapter
- HDMI output
- USB connection for controller
- Ventilation grid

## Controller overview

- Joystick (**joystick**)
- Color inversion (**color inversion**)
- Grey scale (**grey tones**)
- Zoom in (**zoom +**)
- Zoom out (**zoom -**)
- Screen mounting (**zoom 0**)



# Working with transmitter connections

## Electrical adapter

The my Boardy Buddy transmitter features a DC connection for the 12V power adapter.

## HDMI input

The my Board Buddy transmitter has an HDMI input with Full HD support (1080p, 1920x1080), or you can connect a DVI source using a DVI-to-HDMI cable. VGA format is not supported! The image connected to the input will be available wirelessly to the receiver.

## HDMI output

The my Board Buddy transmitter features an HDMI output with Full HD support (1080p, 1920x1080). The signal you connect to the input is available again on the output. So there's no need for an HDMI splitter. It's also possible to connect a DVI display, using an HDMI-to-DVI cable.

# Working with receiver connections

## Electrical adapter

The my Boardy Buddy receiver has a micro USB connector for the power adapter, so don't plug it in until you've made all the following connections.

## HDMI output

The my Board Buddy receiver has an HDMI output with Full HD support (1080p, 1920x1080). It's also possible to connect a DVI display, just use an HDMI-to-DVI cable. VGA is not supported!

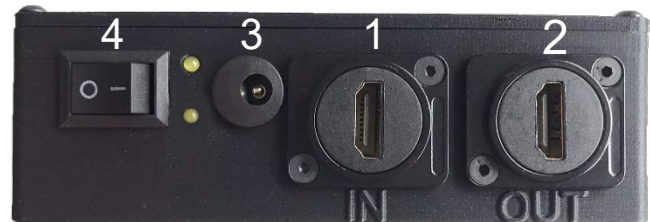
## USB connection

The my Board Buddy receiver has 4 USB connections, only one of which is permanently used by the controller.

# Connect my Board Buddy

## Transmitter connection

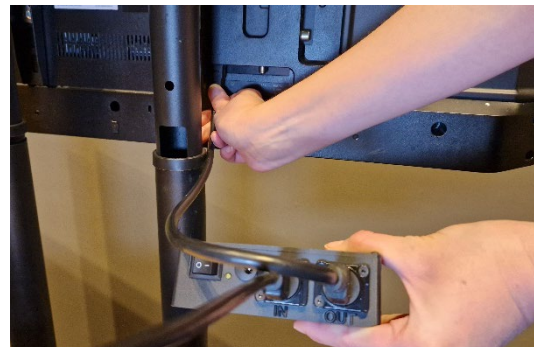
9. Connect the source signal (computer, tablet, Chrome Book, MacBook, etc.) from which the presentation originates to the **HDMI IN** socket.
10. If a monitor (the presentation screen or smartboard) is already connected to the source signal, you can now connect the my Board Buddy to the **HDMI OUT** socket.
11. Plug in the 12V power adapter.
12. Turn on the switch.



1.



2.



3.



4.



The my Board Buddy transmitter starts up. If a monitor is connected to the HDMI OUT socket, the Sensotec logo appears, then the source signal is visible. As soon as both LEDs light up, the transmitter is fully powered up and ready to use.



## Receiver connection

Optional: if you wish to install the Board Buddy on the rear of the screen, use the VESA adapter and screws supplied.

7. Connect the display (the student's monitor) via an **HDMI > HDMI** or **HDMI > DVI** cable.
8. Connect the controller to **one of the 4 USB ports on the side of the emitter**
9. Connect the power adapter to the **micro USB** port and plug it into the wall socket.



1.



2.



3.



If all goes well, you'll see the Sensotec start-up screen followed by a screen with the my Board Buddy logo.

If there's a transmitter nearby with an available image signal, it will connect automatically.



## Working with my Board Buddy

Using my Board Buddy is all about convenience, so users quickly get used to the device and how it works. As soon as a transmitter is available in the vicinity of the receiver, it connects automatically without the intervention of any third party. Users can enlarge the image and manipulate colors.

On the controller, you will see a joystick reminiscent of a video-game console on the left side and on the right side are **5 colored buttons**:

- The yellow buttons is to magnify the screen where the top one actually magnify the image, while the bottom one, the lower one will reduce the image size.
- The joystick can be used to move within the image when magnification has been defined.
- The white button represents color inversion.
- The red button produces an image in grayscale while retaining some color information. This makes it possible to accentuate difficult-to-read text.
- The green button returns the image to full screen. my Board Buddy goes into sleep mode after 30 minutes without user intervention. Pressing a button on the controller or moving the joystick wakes it up. It is not possible to completely switch off the my Board Buddy receiver with a button; the low power consumption makes this operation unnecessary.



# Troubleshooting

## **Near the pupil is marked "no signal".**

This indicates that something is wrong with the transmitter. The connection with the source may have been lost.

## **The display at the front of the classroom shows "no signal".**

This indicates that something is wrong with the transmitter. The connection with the source may have been lost.

## **Notes visible on the screen are not transmitted to the user.**

Unfortunately, the display to which the transmitter is connected does not transmit this information. Contact the screen manufacturer.

## **The my Board Buddy receiver is blocked**

Remove the power adapter from the unit and wait 30 seconds. Then reconnect the power adapter and wait for the device to boot up completely. If all goes well, you'll return to the home screen after maximum 2 minutes.

## **The my Board Buddy receiver screen does not display an image.**

Always connect the my Board Buddy to the screen first and then to the network. Otherwise, the screen will not be recognised.

## **The my Board Buddy buttons no longer work.**

The USB card in the receiver is probably broken. Report this to your supplier, as the USB card must be replaced in this case.

## **The my Board Buddy AIR receiver shows 'no signal'.**

The installation went correctly, but there is no valid image from the transmitter. Make sure your laptop, PC or other transmitter is displaying an image.

## **The my Board Buddy transmitter is connected to the smartboard, but there is no image at the receiver.**

- The receiver's screen is not compatible with 4K resolutions. Reduce the resolution to 1920 x 1080.
- Check that the connection to the HDMI OUT plugs into the board.
- Check that the HDMI output is enabled on the board. This sometimes needs to be done manually.

## **There is no control panel to manually connect to a wifi network.**

That's right, as of version 3.0 this is no longer possible. We only allow connection with the my Board Buddy transmitter.





## Solutions for a visual challenge

Do you have technical or practical questions about this product? You can't find the answer in this manual? Then our Service & Support colleagues are here to help you!

### Service & Support

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