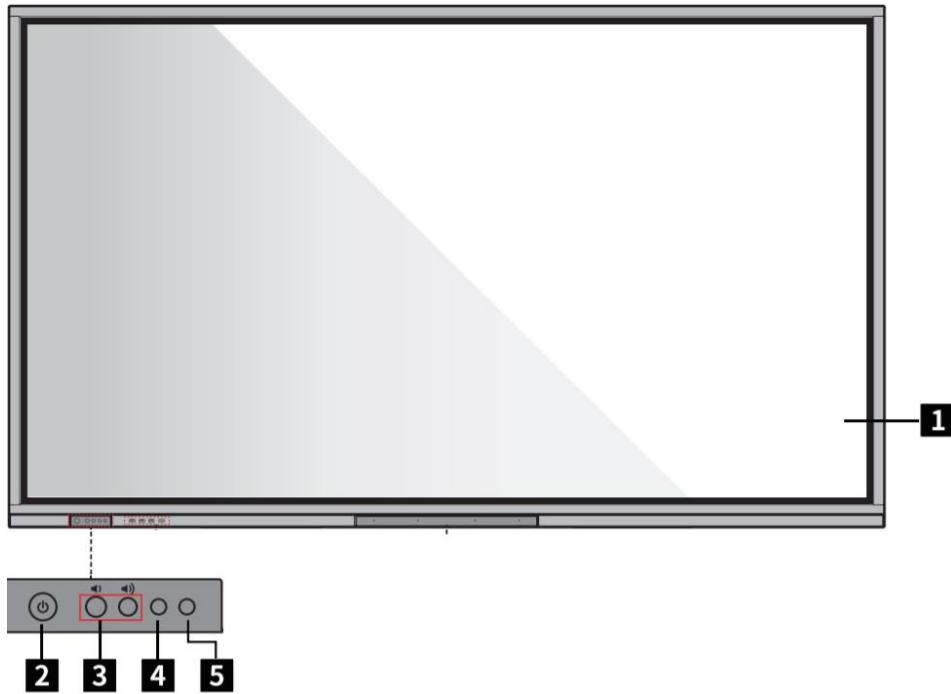


Description of Hybrid classroom system

Using the Newline interactive touchscreen:



Turn on the display:

The display can be switched on by using the button in the bottom left corner (Figure 2)


Projection of wired content via an HDMI cable:

Connect the HDMI cable in the junction box on your desktop to your computer. Once connected, the display will automatically switch to the appropriate source.

If there is no automatic source switching, you can select the correct HDMI source using the button








The main menu of the interactive display:











The display automatically starts with the whiteboard function. You can exit from it by pressing the menu key ().

Use of a whiteboard:

The following tools can be used for drawing:

	Annotation	Convert to Annotation toolbar
	Other	Insert images, text box.
	Pen	The pen function ensures drawing on the board. A single touch activates the function while holding it down and gives access to additional settings such as pen color or line thickness.
	Highlighter	The highlighter function is a transparent drawing tool that allows you to highlight the text or shape you are drawing. A single touch activates the feature and a press and hold give access to additional options such as highlight color.
	Eraser	The drawings can be erased from the board. A single touch activates the function, and a long press and hold give access to additional settings such as eraser size.

Description of Hybrid classroom system

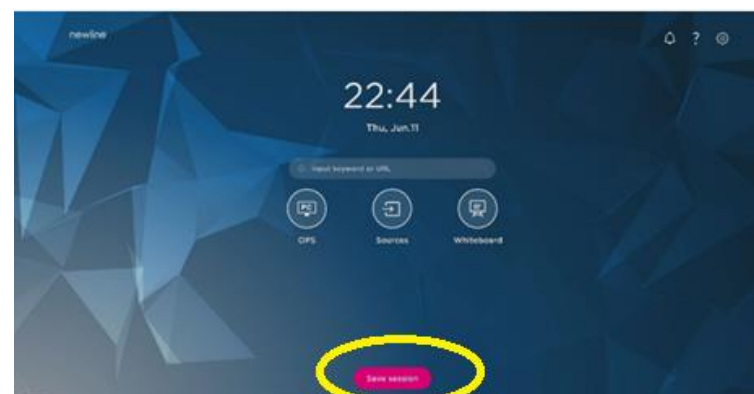
	Insert a shape	Shapes can be inserted on the drawing board.
	Highlighting	The shapes on the drawing board can be selected by the function. There are options to move, rotate or delete elements on the drawing board.
	Delete all pages	Deletes all pages of the drawing board.
	Withdraw	Undo the previous action.
	Restore	Redo the action affected by the undo
	New Page	Insert new page.
	Browse	Tap the number to move quickly between the pages of the whiteboard.
	Previous page	Move to the previous page
	Next page	Move to the next page
	Settings	Open Settings page (Basic font color, Whiteboard background color, Background color, Background patterns)

Backup save to external storage (Pendrive):

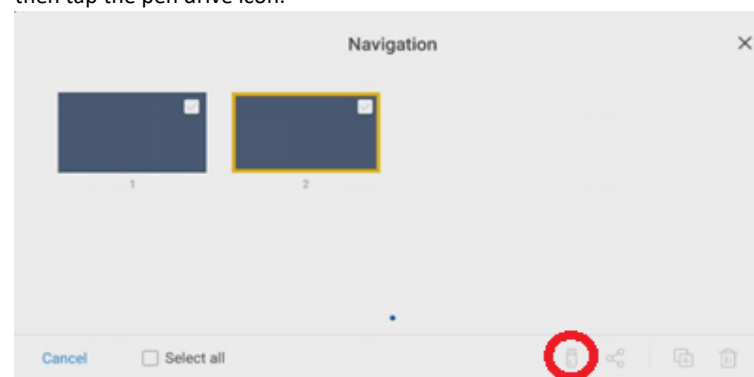
Connect the flash drive to one of the front USB ports on the display.



After that, navigate to the main page () button, then move the menu to the left




After the following menu appears, press the Save Session button. Select the pages you want to save, then tap the pen drive icon.




Description of Hybrid classroom system

Using Office applications on display:

The OpenOffice application is pre-installed on the display. This means that you can open Office application files (PDF, Word, Excel) from external storage, eliminating the need to use an external computer.

To use the Office, navigate to the menu by using the  button, as described above, then select

File Commander program . Then select the external storage from the menu and tap the file you want to open. The program will start automatically.

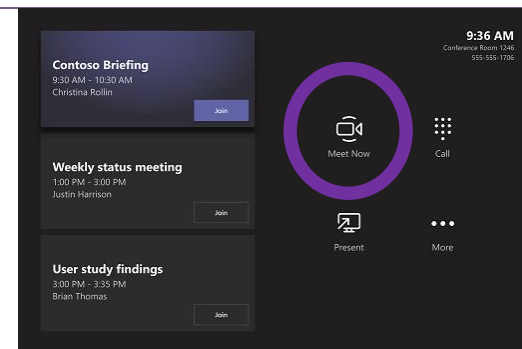
Using MS Teams hybrid education system:

The Microsoft Teams system visible on the desktop allows you to make video conference calls with your university students. In this design, the monitor opposite the teacher's desk serves as a control screen, and the face-tracking camera underneath automatically focuses on the presenter/teacher without the need to press a button. In this way, eye contact with distant students is ensured. The interactive display in the MS Teams is shared as screen content by default, therefore students can see the whiteboard drawing and other content posted on the interactive whiteboard.



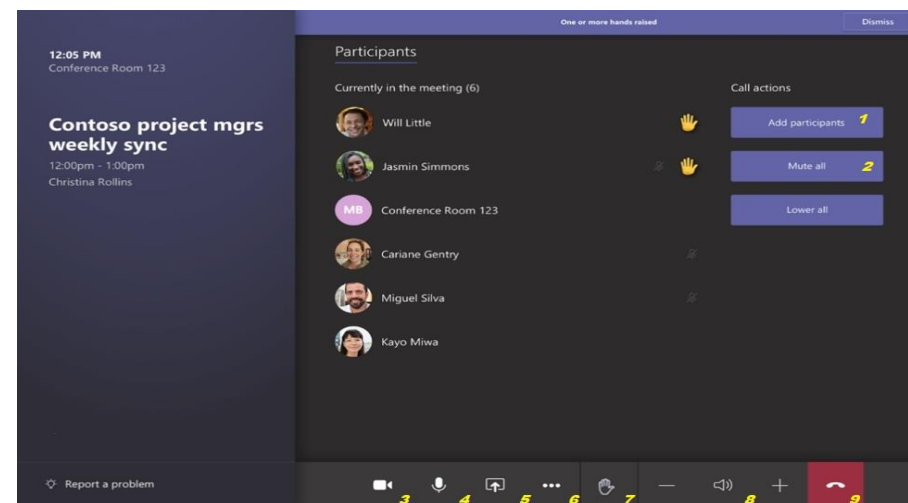
Make a call using an internal university directory

1. Choose the 'Meet now' button on the screen
2. The add person field allows you to search the directory. After selecting the given person, you can start the call by clicking on the "Invite" button.



The following functions are available during a call:

- 1.) Add a person to the meeting from a directory
- 2.) Mute all participants
- 3.) Deactivate the camera
- 4.) Mute microphones
- 5.) Start/stop content sharing
- 6.) Other functions (Subtitles - currently not available in Hungarian)
- 7.) Sign-in in function
- 8.) Volume control
- 9.) Exit the meeting



Description of Hybrid classroom system

Using the periphery function

Using the peripheral mode, it is possible to connect the camera and sound system to your computer, allowing you to use any video conferencing client.

To use it, the following steps are required:

- 1) Connect the USB cable in the desktop junction box to your computer
- 2) Connect the HDMI cable to your computer.

The interactive display and the control monitor will display the image of the connected computer, also the sound and camera tools will be selectable on the computer (Poly Sync as a sound tool; Poly Studio as a camera and sound tool). The interactive tablet functions as a touchscreen on our connected computer, so in this mode we can freely draw and step presentations without any external peripherals.



Figure 1 - Desktop junction box