

CLASSROOM  
AV CONTROL SYSTEM  
OPERATION MANUAL  
(SINGLE PROJECTION)

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Navigation Tab contains 3 pages:  
SOURCE, CONTROL and SCREEN.

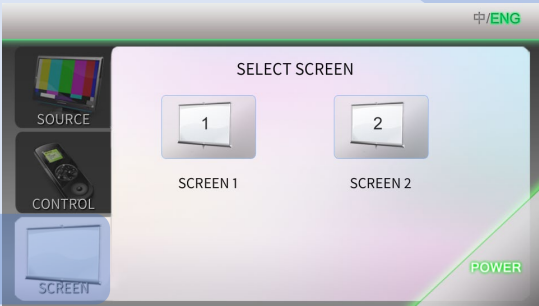
SOURCE



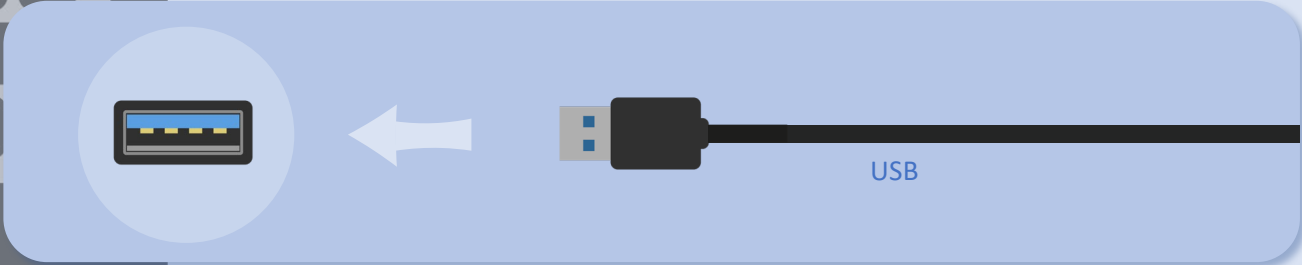
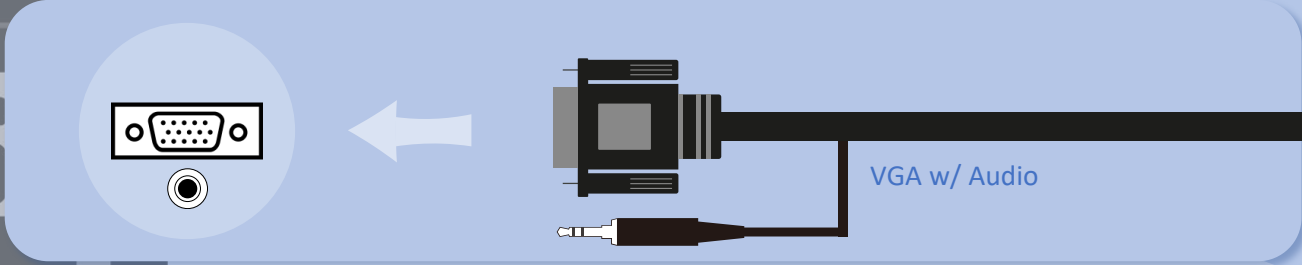
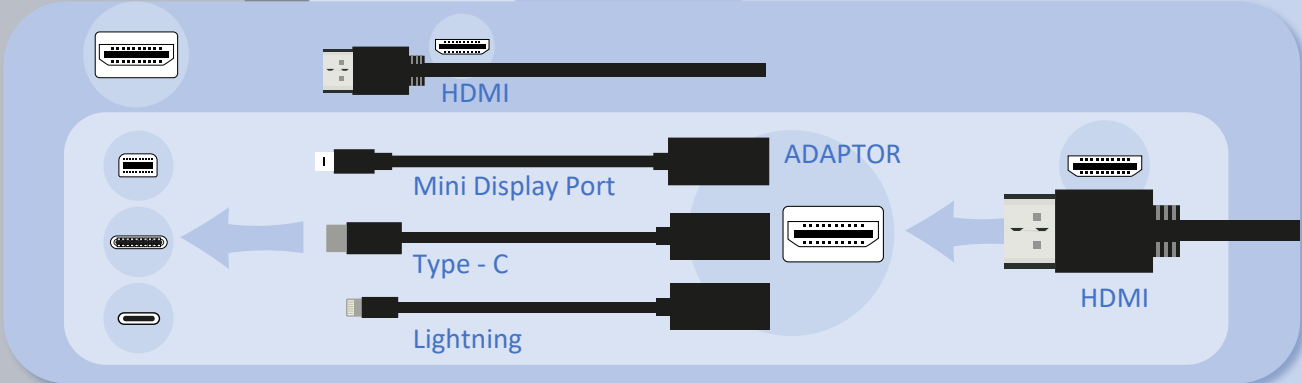
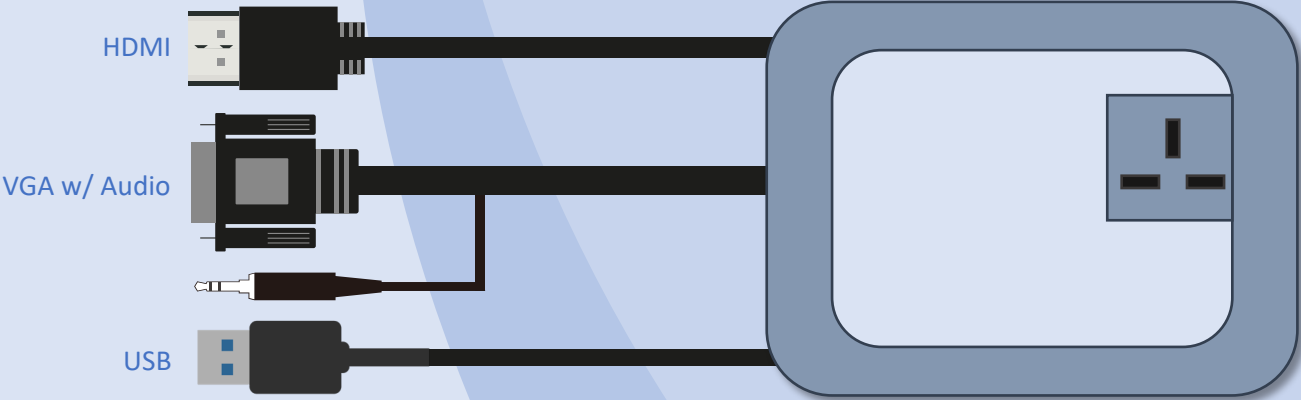
CONTROL

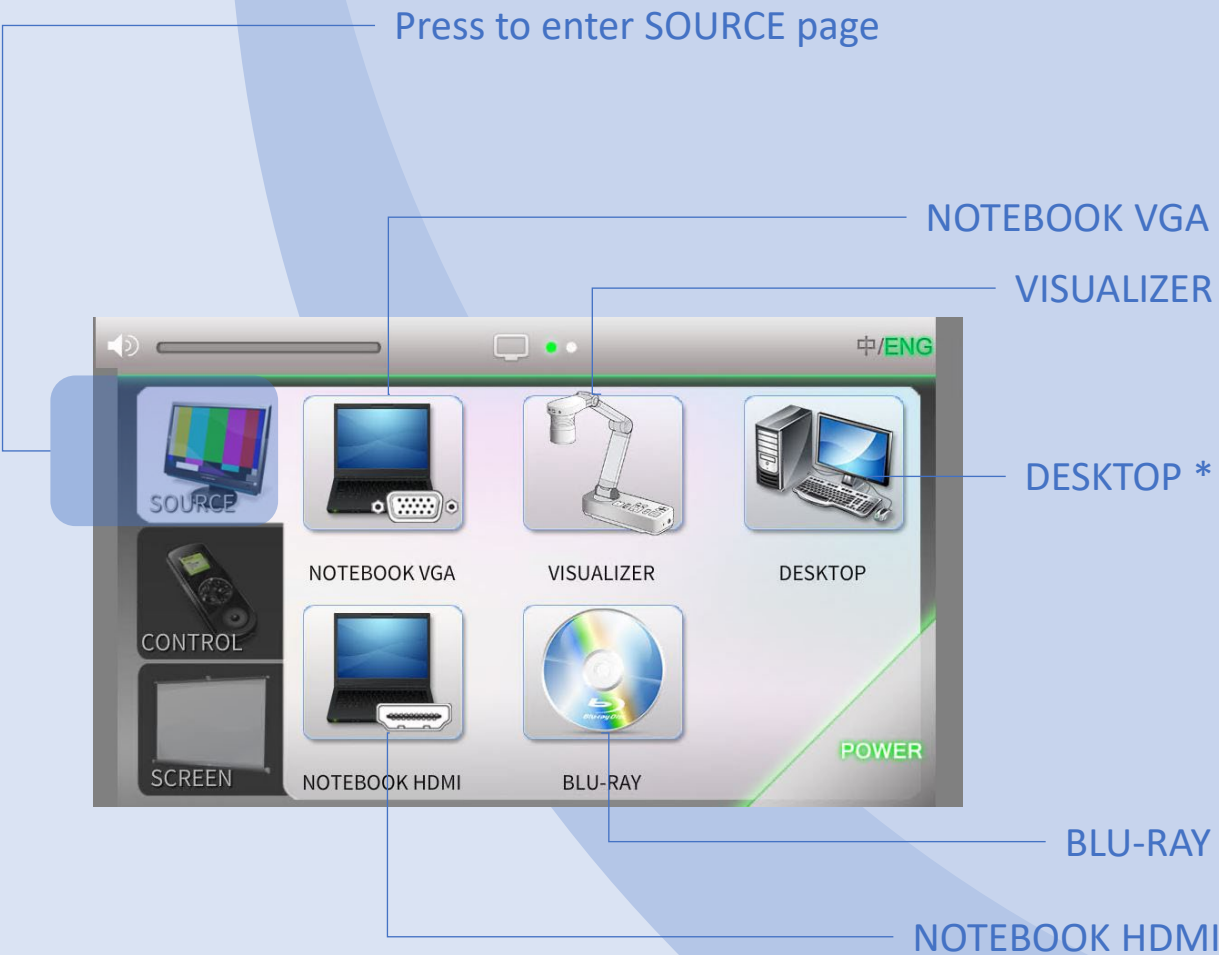


SCREEN



Open the Table Box to get the appropriate cables.

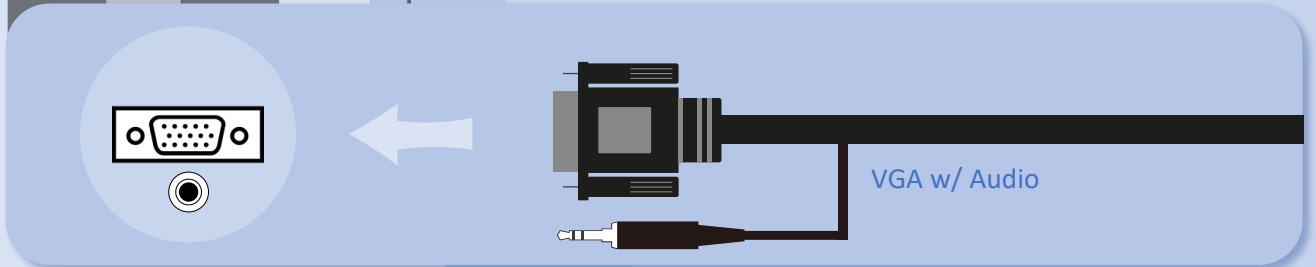




\* Optional source, depends on the classroom design.



Connect the VGA cable on the desk to notebook.



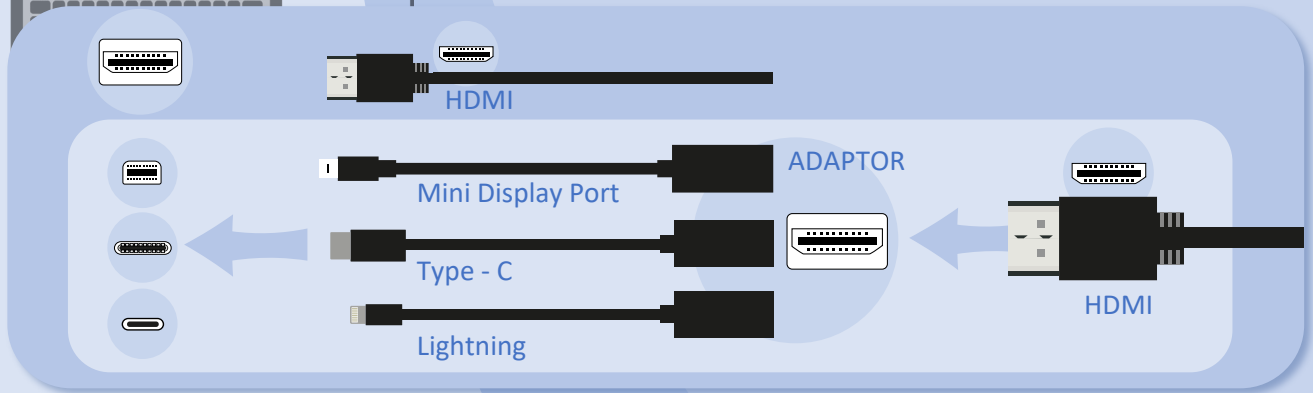
Press the NOTEBOOK VGA button.

If projectors have no signal. Press the appropriate function keys on your notebook for image output. The function keys locate among F1 – F12, on which there is a monitor icon or the words “LCD”.





Connect the HDMI cable on the desk to notebook. Or connect with the adaptor as below instruction.

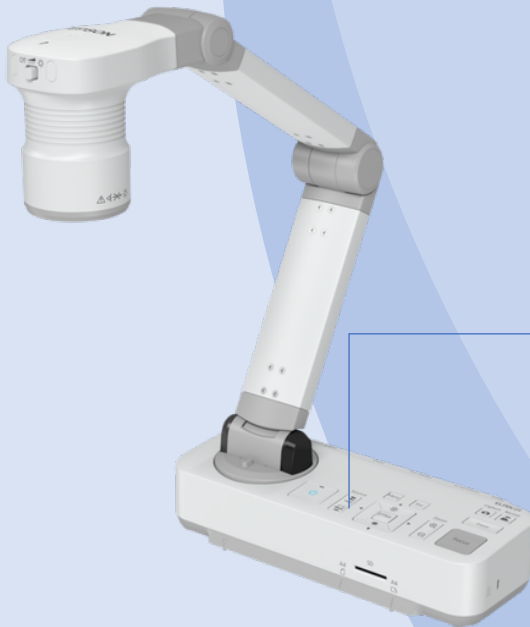


Press the NOTEBOOK HDMI button.

If projectors have no signal. Press the appropriate function keys on your notebook for image output. The function keys locate among F1 – F12, on which there is a monitor icon or the words “LCD”.







Turn on the visualizer by pressing the "ON/OFF" button.



Press the VISUALIZER button.



Turn on the BLU-RAY player by pressing the “ON/STANDBY” button.

Press  button to open or close disk tray.



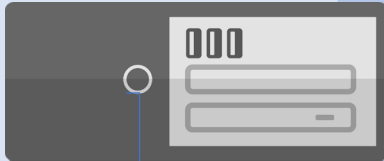
Press the BLU-RAY button.

System will direct to BLU-RAY player control page automatically.



Press to show page 2.





Turn on Desktop PC by pressing the "Power ON" button on desktop.



Press the DESKTOP button.

Control Page contains 4 control functions:  
MEDIA VOLUME, MIC. VOLUME, BLU-RAY  
PLAYER and PROJECTOR.

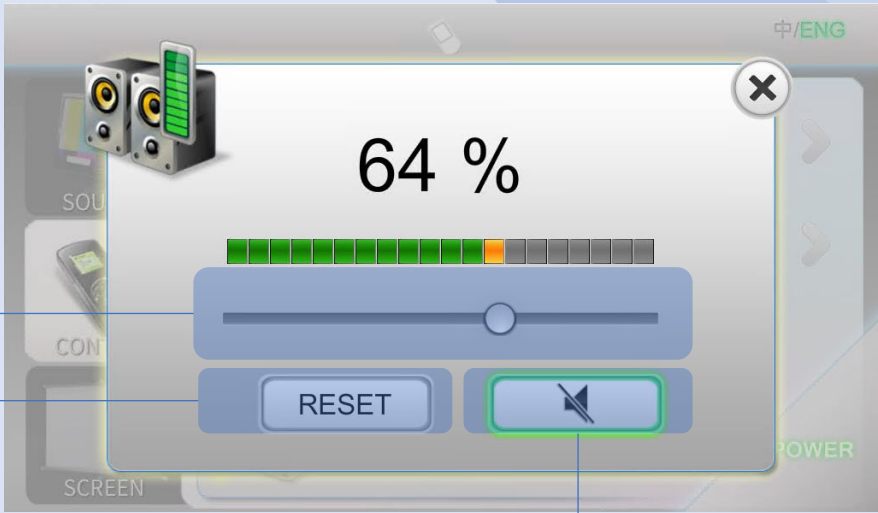


Press to enter CONTROL page.

MEDIA VOLUME control: Notebook and BLU-RAY PLAYER.



Press the MEDIA VOLUME button.



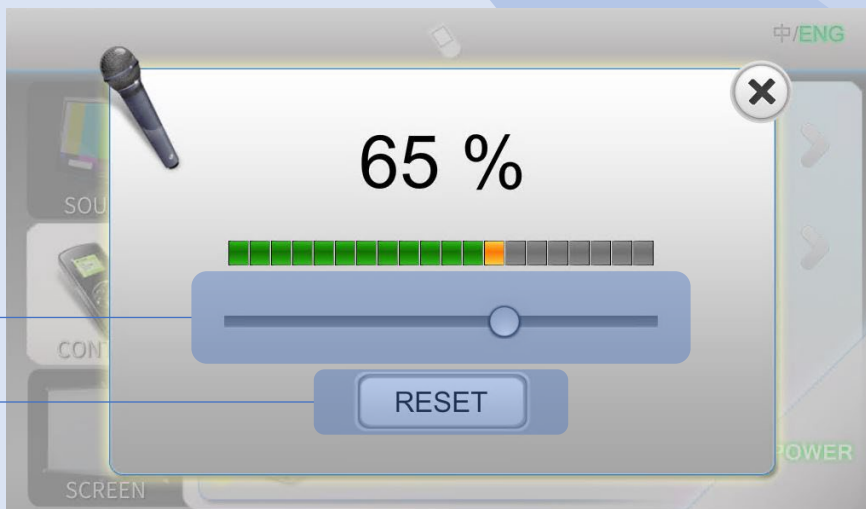
Reset MEDIA VOLUME

Mute / Unmute

“CONTROL FADER” determines the level of media volume.



Press the MIC. VOLUME button.



Reset MIC. VOLUME.

“CONTROL FADER” determines the level of microphone volume.



Press the BLU-RAY PLAYER button.

BLU-RAY PLAYER control page contains 2 pages.



Press to show page 1.



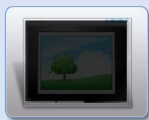
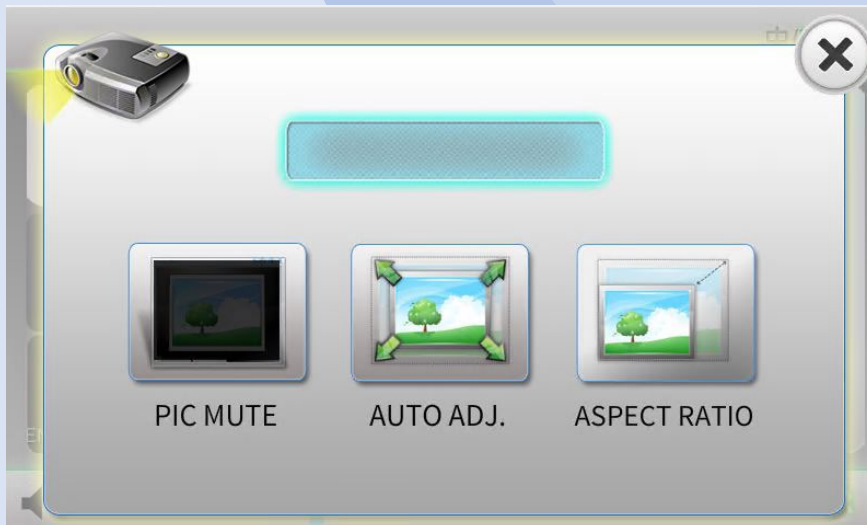


Press to show page 2.

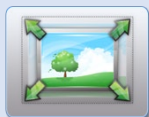




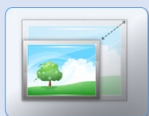
Press the PROJECTOR button.



Mute/Unmute projector picture.



Auto adjust projector picture.

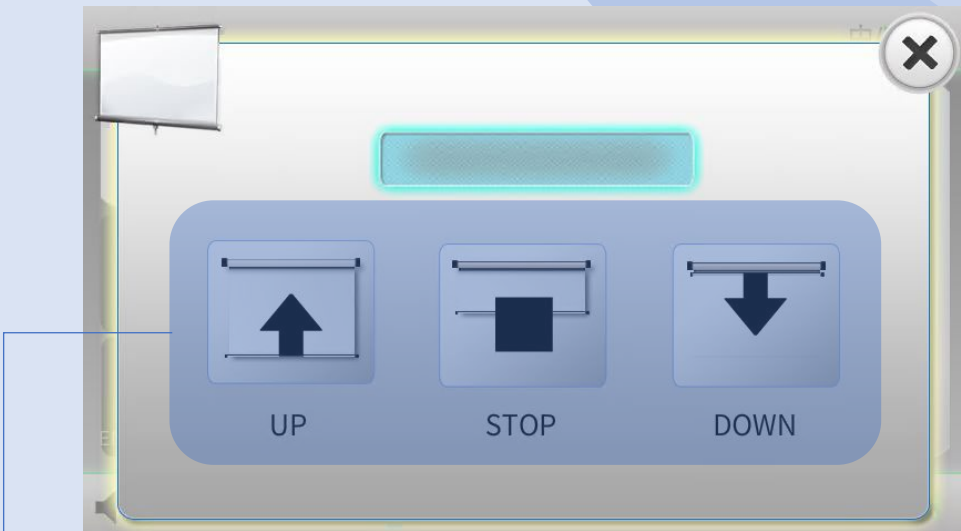


Change projector picture aspect ratio:  
16:9, 4:3 and normal.

Press SCREEN button in navigation tab to enter screen control page.



Press to enter SCREEN control page.



Press appropriate button to select screen mode.

Use Classroom Microphone as Zoom Microphone for Voice Capture.

Connect UM wire network cable, HDMI cable and USB cable (labeled for Zoom, “Dante USB Receiver”) to your notebook.



HDMI



UM wire network cable

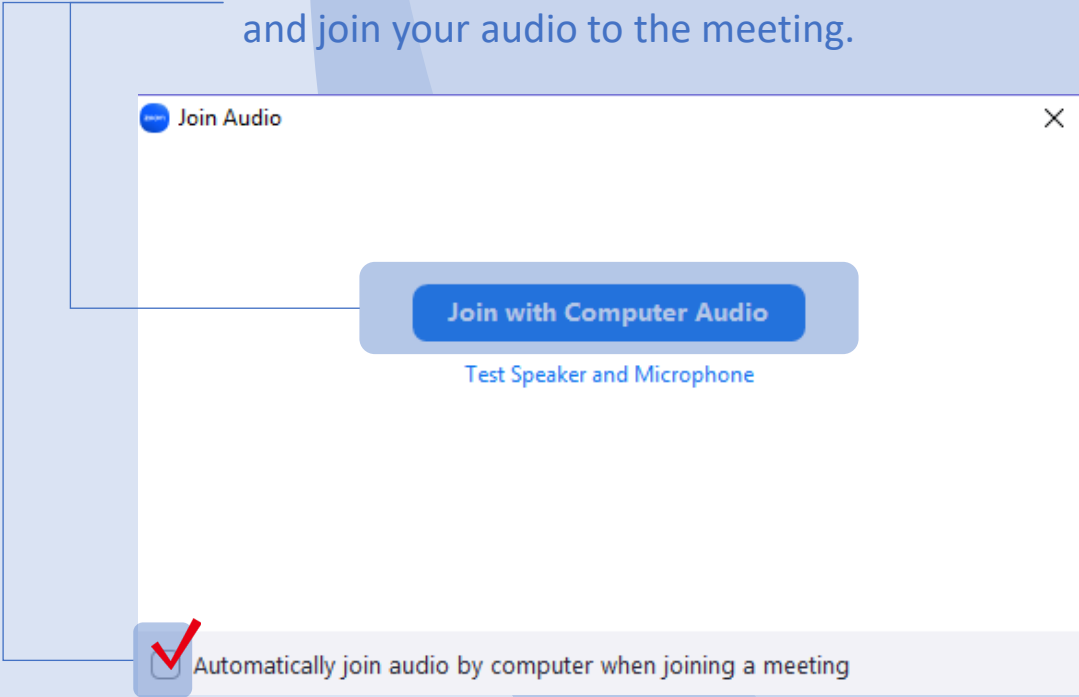


Dante USB

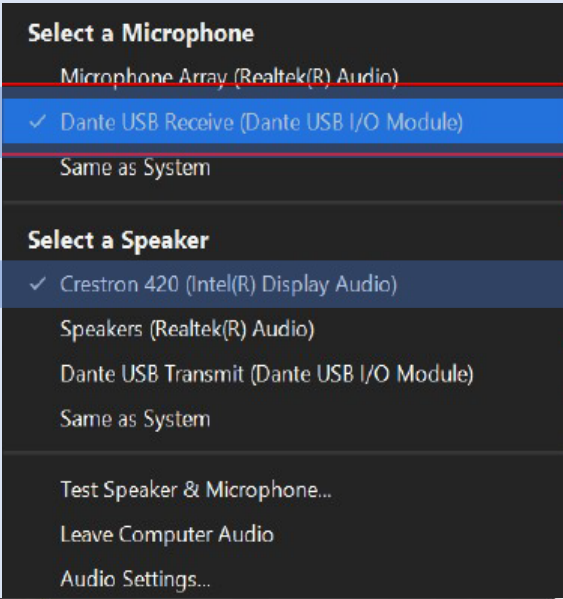
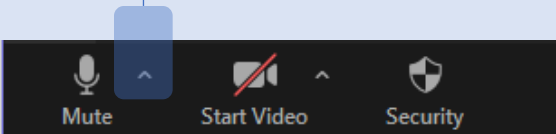
For video introduction, please click [HERE](#) or the below weblink for access.

<https://css.cmdo.um.edu.mo/audio-visual-services/>

Make sure your click “Join with Computer Audio” and join your audio to the meeting.



Click on the up arrow and select.

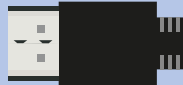


Select “Dante USB Receiver” as your microphone.

Select “Crestron 420”, “PT\_VW430EA”, “Extron HDMI” or “VM-2HN” as your speaker.

Use HDMI cable for sound output from notebook to classroom AV system.

Connect HDMI cable to your notebook.

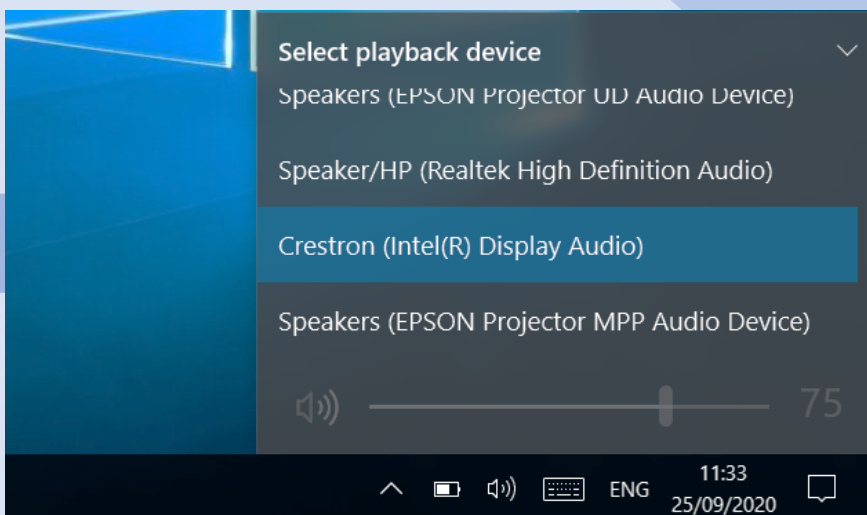


HDMI

Click on sound volume icon at the bottom right corner of Window 10. A “select playback device” menu will pop up.



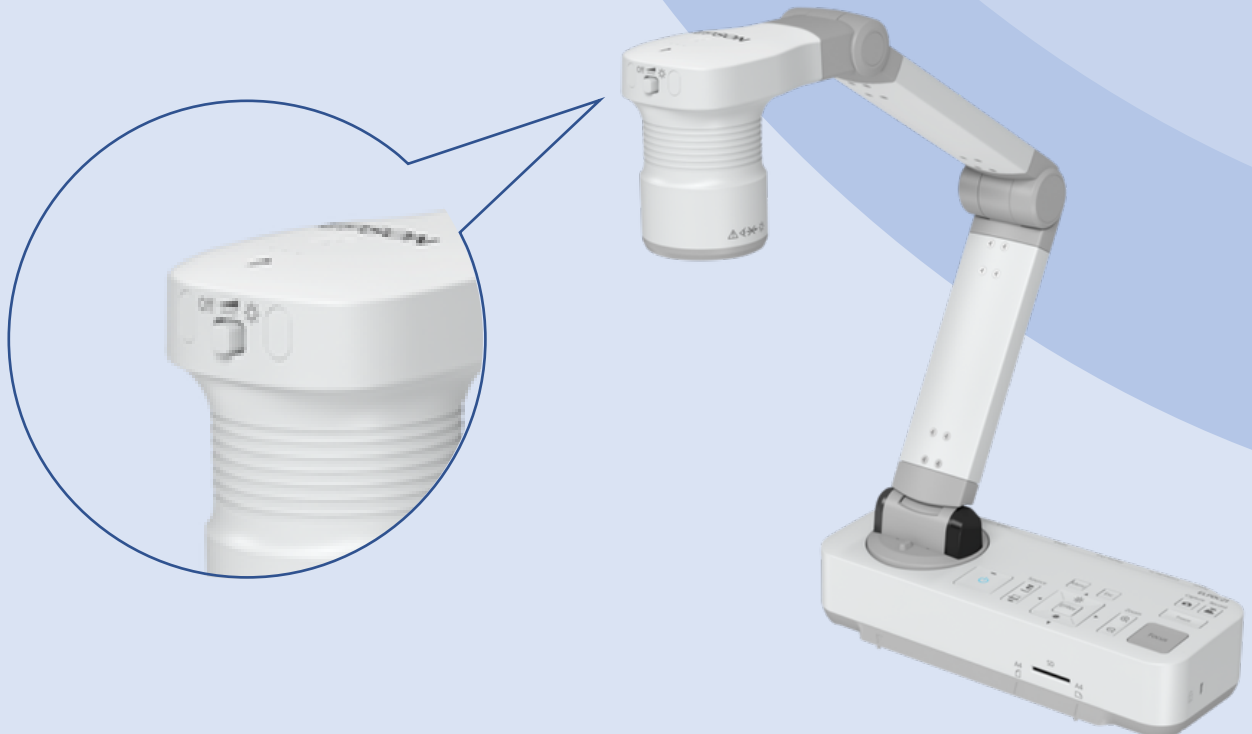
Select “Crestron”, “PT-VW430EA”, “Extron HDMI” or “VM-2HN” as the playback device.



Turn on the visualizer by pressing the ON/OFF button.



Press the LAMP SWITCH button to change the LED lamp status: bright, dim and off.



Press the FOCUS button to auto focus.



The display range of the document can be adjusted by pressing the ZOOM button to ZOOM IN and OUT.





## CONTACT US

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### **AV Support Hotline**

Tel: 8822 2511

### **During semester period:**

Mon - Thu, 08:00 - 17:45  
Fri, 08:00 - 17:30

### **During recess period:**

Mon - Thu, 09:00 - 13:00, 14:00 - 17:45  
Fri, 09:00 - 13:00, 14:00 - 17:30

E-mail: [css.classroom\\_support@um.edu.mo](mailto:css.classroom_support@um.edu.mo)