Collaboration display

Sharp NEC Display Solutions

NEC MultiSync® WD551

LCD 55" Windows Collaboration Display

SHARP / NEC

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Connecting Teams!

For frictionless meeting experiences, with instant access whether in-room or remote, Sharp/NEC's Windows Collaboration Display is an all-in-one solution for modern meeting spaces. Supporting "Bring Your Own Meeting (BYOM)" scenarios, users simply connect their own device via an USB-C cable to immediately share content and start video meetings using already familiar Microsoft tools.

The bezel-free PCAP touch screen provides a superior writing experience supporting Windows Ink.

With integrated IoT sensors, the WD551 gathers information such as room occupancy, temperature, lighting and air quality data for smart room comfort and productivity.

Ideal for small meeting spaces encouraging spontaneous meetings, users perform to their full potential with the tools and environment optimised for productive creativity.
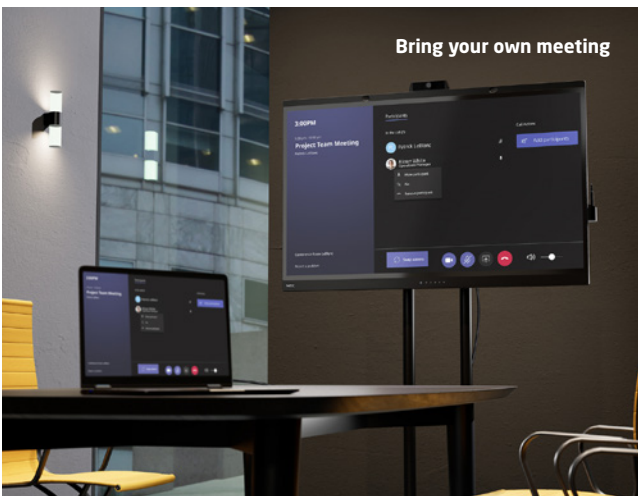

Ad-hoc meetings

Benefits

Bring your own meeting (BYOM) – a simple, unified solution for instant start-up meetings using any device.

Seamless, clutter-free connection – a single secure USB-C cable connects your device with the display to auto sync the builtin camera, speakers, mic, touch and pens. Your notebook will be charged while connected.
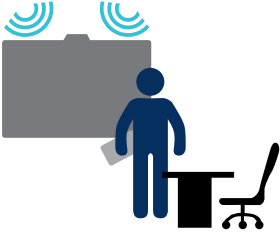
Certified for Microsoft Teams and more – a frictionless BYOM solution launches video meetings using your preferred conferencing platform.

Natural touch, easy clean – the easy to clean flush screen design reduces parallax for a superb writing experience supporting Windows Ink with two active pens included.
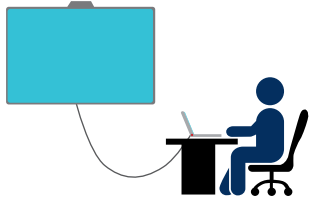
Smart space management – seamlessly integrate into existing facilities management, with built-in IoT room sensors. Monitor the meeting space environment to optimise comfort and maximise room usage for improved ROI.
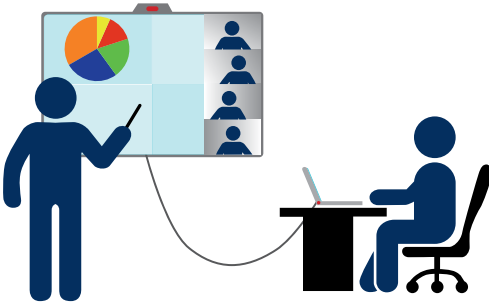

Bring your own meeting

Select | Connect | Forget!

1. Presence sensor will detect the person entering the room and the display will turn on

2. Connect the USB-C cable to your notebook

3. Your content will be shown automatically on the display and you can start touching or writing on the display

4. If you start a video call, it will automatically use the cam/speaker/mic of the display

One single USB-C cable connects your device with the display to share content or start a video meeting.
Your notebook will be charged while connected.

Specifications

55" PCAP multi-touch ink-enabled UHD display
- 400 cd/m^2 (typically)
- Optically bonded glass
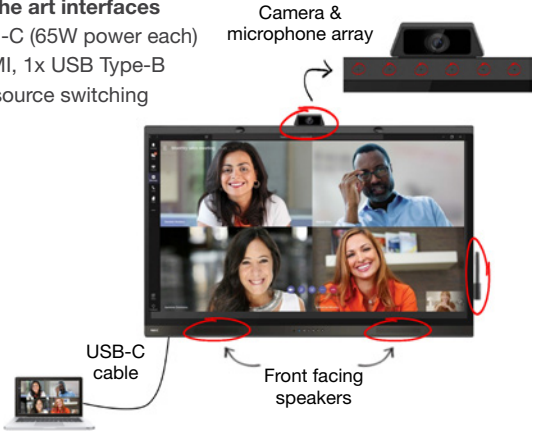- 2x active pen, supporting Windows Ink

Microsoft Teams certified camera, mic & speaker
- 4K camera, 113 degree horizontal FOV,
  120 degree diagonal FOV
- 6 array microphone, distance 8m, 180 degree
- Front facing speakers (2x 12W), subwoofer (15W)

Certified for

Microsoft
Teams

State of the art interfaces
- 2x USB-C (65W power each)
- 1x HDMI, 1x USB Type-B
- Smart source switching

Camera &
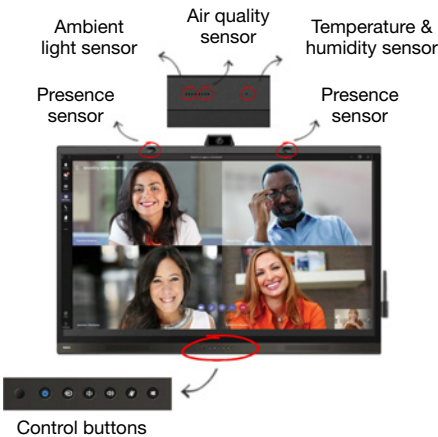microphone array

USB-C
cable

Front facing
speakers

User friendly controls
- Physical front buttons for Windows, volume control, source
  select, mute microphones
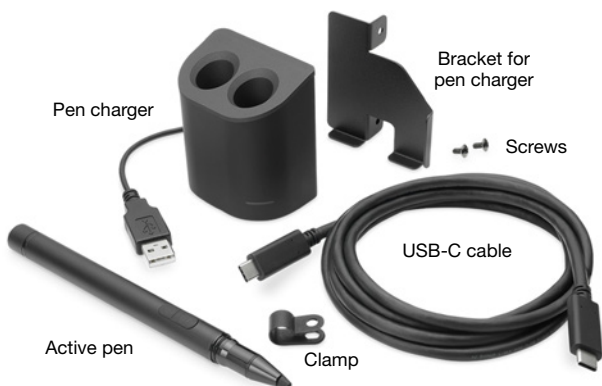- Touchable on screen display (OSD)

Built-in IoT sensors
- Presence sensor to automatically turn on the display
- Room sensors for occupancy, temperature, humidity, ambient
  light & air quality (VOC)

Ambient
light sensor

Air quality
sensor

Temperature &
humidity sensor

Presence
sensor

Presence
sensor

Control buttons

Shipping Content

- NEC MultiSync® WD551
- Wireless Remote Control + 2x AAA Batteries
- Power Cord
- 2x Active Pen
- Pen Charger
- Bracket for Pen Charger + 2x screw
- Cable Clamp
- USC Type-C Cable (1.8m)
- Setup Manual

Pen charger

Bracket for
pen charger

Screws

USB-C cable

Active pen

Clamp

NEC MultiSync® WD551 – Certification for "Small Rooms"

Microsoft Room Types

Phone Room	Focus Room	Small Room	Medium Room	Large Room	X-Large Room
2m x 2m	3m x 3m	3m x 4.5m or 4.5m x 4.5m	4.5m x 6m	4.5m x 8.5m	6m x 10m
1 pers.	2 - 4 pers.	4 - 6 pers.	6 - 12 pers.	12 - 16 pers.	> 16 pers.
Collaboration: Huddle Room 2.3m radius		Collaboration: Meeting Room 2.3m radius		Collaboration: Lounge 3.5m radius	

MS Teams Specification for Small and Huddle Room

		Camera	Microphone	Speaker
Small Room	3m x 4.5m or 4.5m x 4.5m	Min. distance: 1m Max. distance: 3.3m HFOV: ≥ 90 deg	Distance: 3.5m	Distance: 3.5m
Huddle Room	2.3m radius	Min. distance: 0.4m Max. distance: 2.3m HFOV: ≥ 120 deg	Distance: 2.3m	Distance: 2.3m

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