

User Manual & Installation Guide

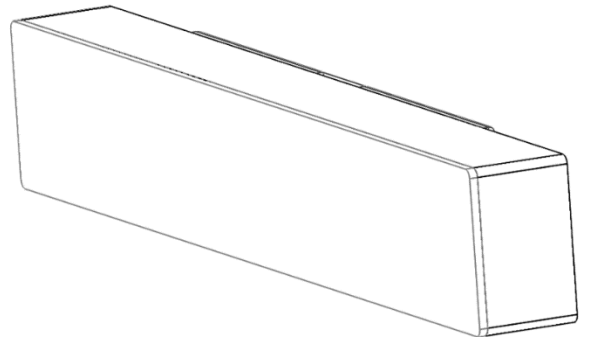
NEC Soundbar

SP-AS

SP-AS2

SP-PS

SP-PS2



NEC Collaboration Soundbar

SP-ASCM

SP-ASCM2

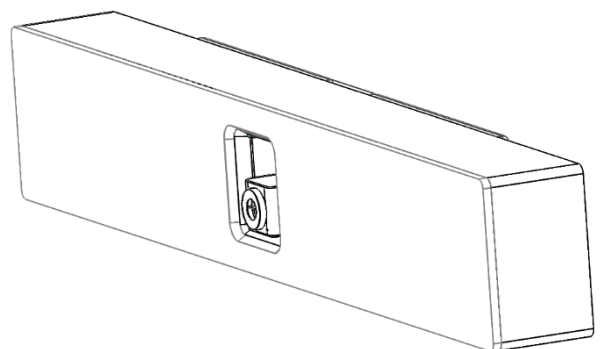
SP-ASCM-IQ

SP-ASCM-IQ2

SP-PSCM

SP-PSCM-IQ

SP-PS-55IB-IQ



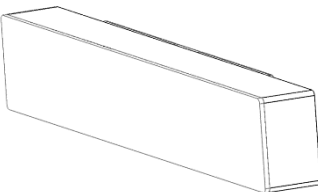
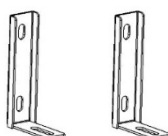


Please find your model name on the label on the rear side of the Soundbar

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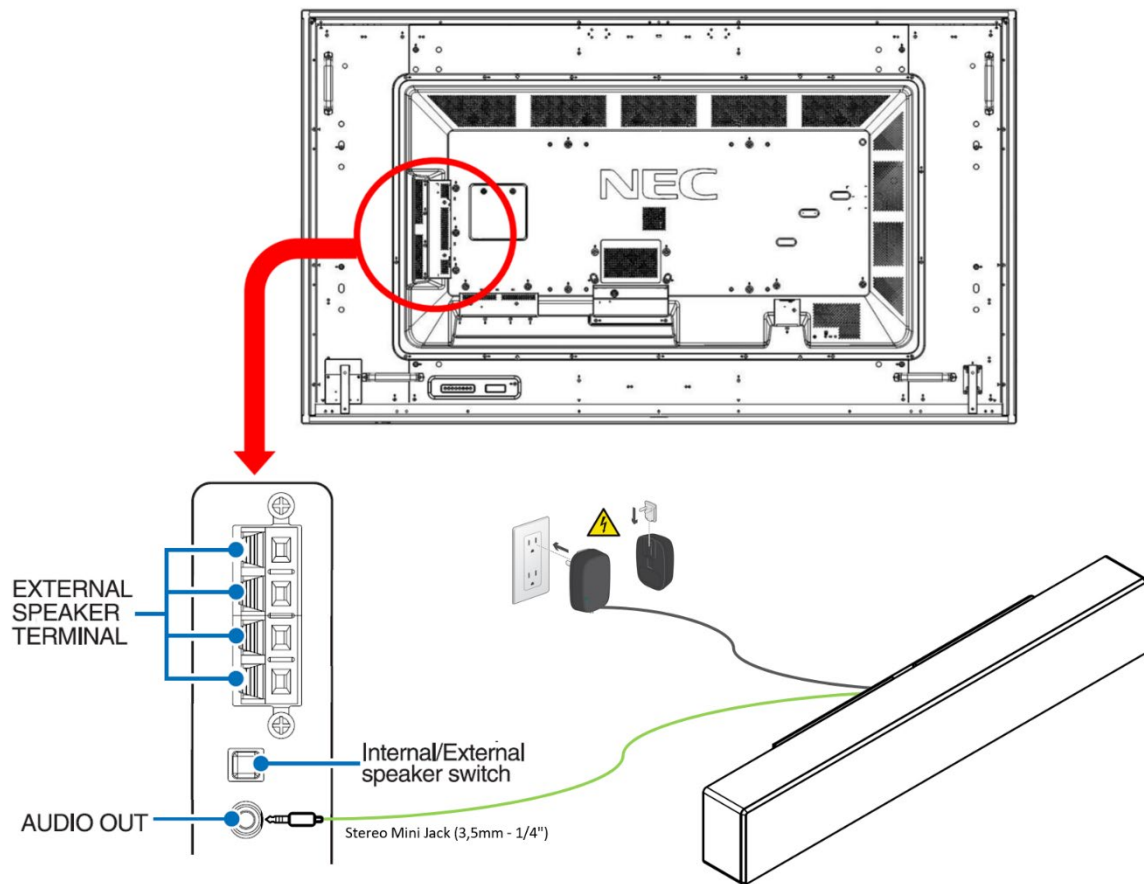
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GENERAL NOTES

SCOPE OF DELIVERY – SOUNDBARS ACTIVE & PASSIVE

ITEM	SP-AS	SP-AS2	SP-PS	SP-PS2
NEC SKU	100015010	100015582	100015011	100015583
Soundbar	 1x Soundbar			
Wallmount	 2x Wallmount Brackets			
Screws & Washer	 4x. M4x15 Screws & Washers			
Speaker front cover grill	1x Speaker front grill pre-installed			
Audio Amplifier	integrated		None	
Analog Audio Cable (IN)	None		2x (L/R) 2-wire / 1,5m pre-installed	
3,5mm Jack Cable (IN)	1x 3,5mm Stereo Jack ; 1,5m pre-installed		None	
Power Supply Unit	 1x external power supply unit (EU/UK Version) 24V; 1.67A; 1.5m pre-installed		None	

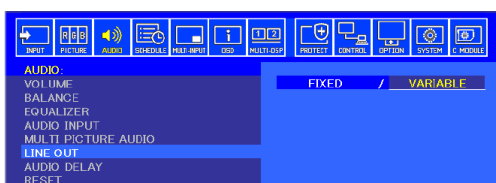
CONNECTIONS - SP-AS(2)



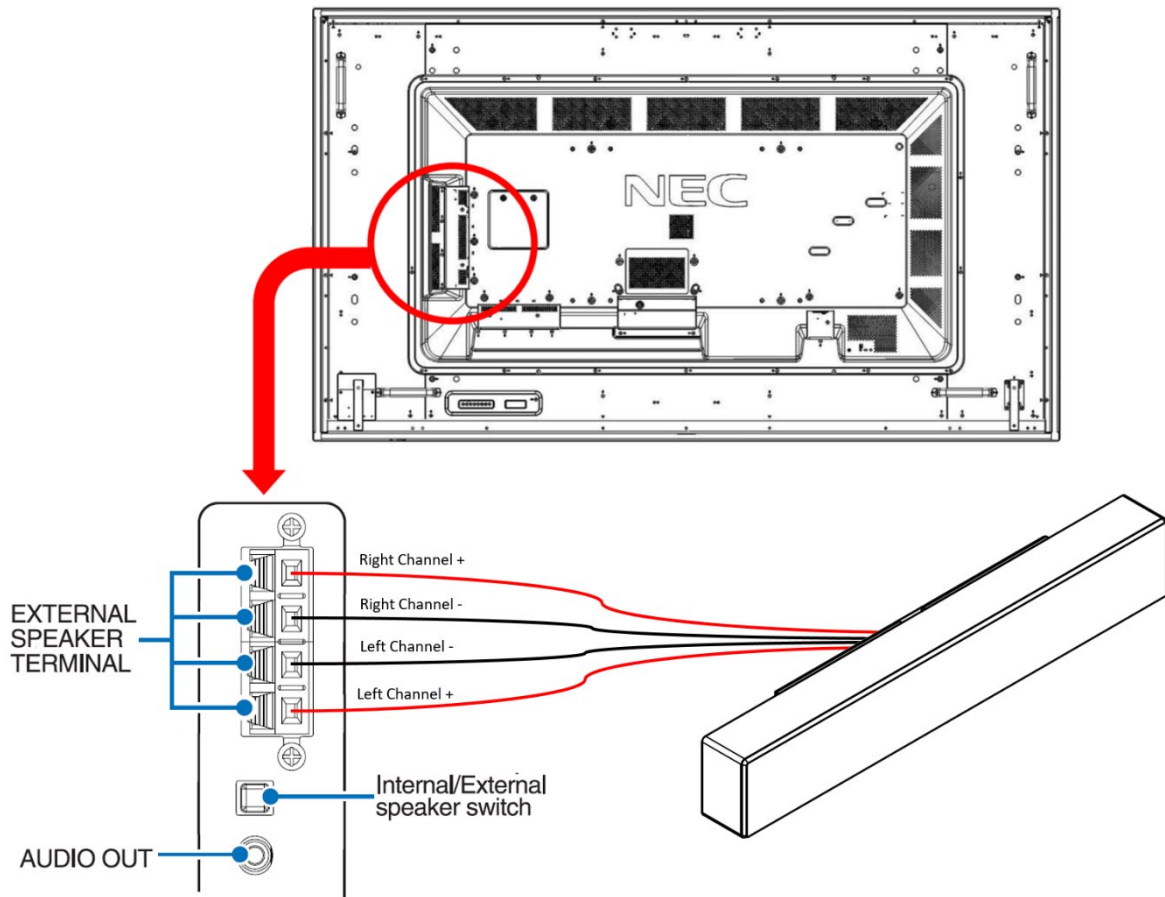
IMPORTANT DEVICE SETTINGS

Display:

- 1. Connect the soundbar:** Connect the stereo mini Jack (3,5mm - 1/4") cable of the soundbar to the AUDIO OUT of the Display.
- 2. Connect the soundbar power supply:** Connect the soundbar power supply to the power socket
- 3. Choose Line Out mode**
 - FIXED** – audio level over the LINE OUT connection is fixed
 - VARIABLE** – audio level over the LINE OUT connection is controlled by the IR remote control.



CONNECTIONS - SP-PS(2)

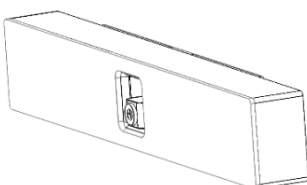
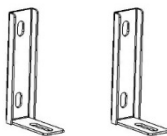




IMPORTANT DEVICE SETTINGS

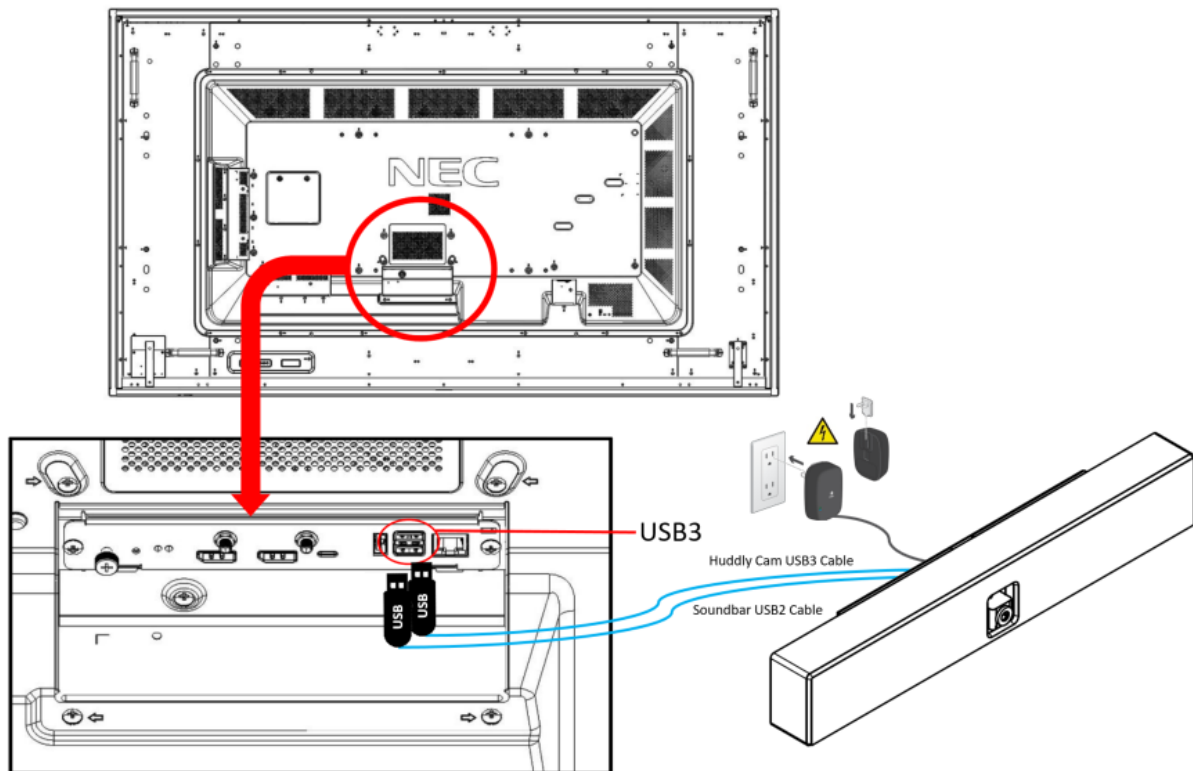
Display:

1. **Connect the soundbar speakers:**
Connect the audio cables to the speaker terminals on the side of the Display. Red terminal is plus(+) and black terminal is minus(-). *(Label on the wires for Right and Left Channel)
2. **Activate the external speakers:** Push the button "Internal/External speaker switch" below the speaker terminals on the monitor to enable the external speakers.

SCOPE OF DELIVERY – COLLABORATION SOUNDBARS ACTIVE

ITEM	SP-ASCM	SP-ASCM2	SP-ASCM-IQ	SP-ASCM-IQ2
NEC SKU	100015077	100015453	100015301	100015454
Soundbar	<div></div> <div>1x Soundbar</div>			
Wallmount	<div></div> <div>2x Wallmount Brackets</div>			
Screws & Washer	<div></div> <div>4x. M4x15 Screws & Washers</div>			
Speaker front cover grill	1x Speaker front grill pre-installed			
Audio Amplifier	Integrated			
3,5mm Audio Cable (IN)	None			
Power Supply Unit & Cable	<div></div> <div>1x external power supply unit (EU/UK Version) 24V; 1.67A; 1,5m pre-installed</div>			
Camera & USB Cable	1x Huddly Go / USB 3.0 ; ~1,8m pre-installed		1x Huddly IQ / USB 3.0 ; ~1,8m pre-installed	
Microphone	2x Microphone capsules beamforming Integrated			
Noise Cancelling Unit & USB Cable (Audio IN)	Integrated USB 2.0 ; 1,5m pre-installed			

CONNECTIONS – SP-ASCM(2) / SP-ASCM-IQ(2)



IMPORTANT DEVICE SETTINGS

Display:

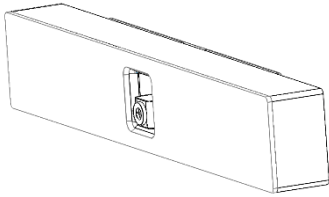
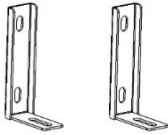

1. **Connect the soundbar audio signal:** Connect the 2m USB cable (the one with the white label) from the soundbar to one of the USB2.0 ports of the OPS slot-in PC
2. **Connect the Huddly camera:** Connect the 2m USB cable from the soundbar to one of the USB3.0 ports of the OPS/SDM slot-in PC. Do not use USB extender cables.
3. **Connect the soundbar power supply:** Connect the soundbar power supply to the power socket.

Computing Device (OPS/SDM):

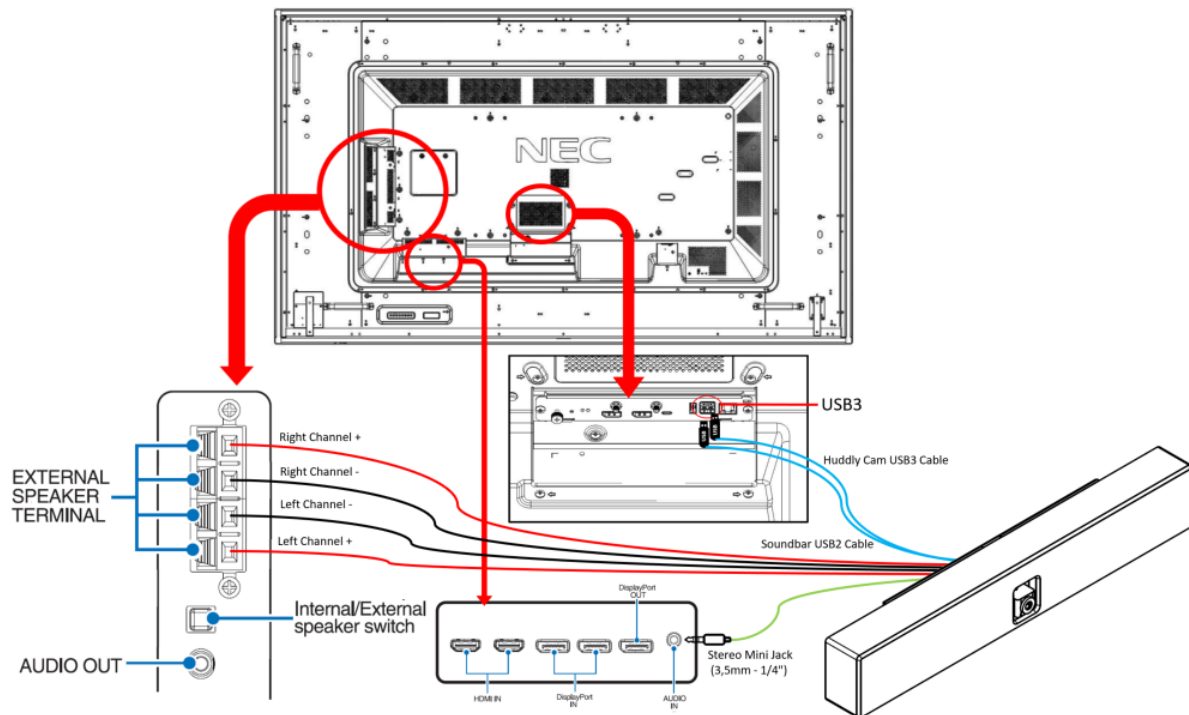
Playback device	→	"2 – Phnx MT103_16k"
Recording device	→	"2 – Phnx MT103_16k"

Recommendation: Disable all unneeded playback devices in Windows (Sound Control Panel)

SCOPE OF DELIVERY – COLLABORATION SOUNDBARS PASSIVE

ITEM	SP-PSCM	SP-PSCM-IQ
NEC SKU	100015078	100015302
Soundbar	 1x Soundbar	
Wallmount	 2x Wallmount Brackets	
Screws & Washer	 4x. M4x15 Screws & Washers	
Speaker front cover grill	1x Speaker front grill pre-installed	
Analog Audio Cable (IN)	2x (L/R) 2-wire / 1,5m pre-installed	
3,5mm Audio Cable (Out)	1x 3,5mm Stereo Jack ; 1,5m pre-installed	
Camera & USB Cable	1x Huddly Go / USB 3.0; ~1,8m pre-installed	1x Huddly IQ / USB 3.0 ; ~1,8m pre-installed
Microphone	2x Microphone capsules beamforming Integrated	
Noise Cancelling Unit & USB Cable (Audio IN)	Integrated USB 2.0 ; 1,5m pre-installed	

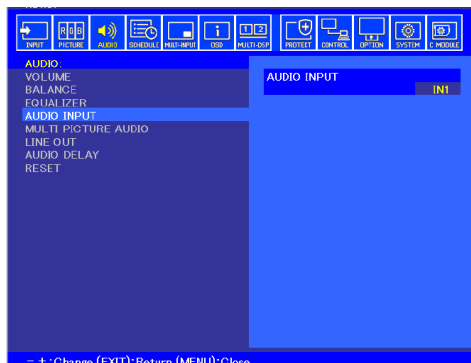
CONNECTIONS - SP-PSCM(IQ)



IMPORTANT DEVICE SETTINGS

Display:

- 1. Connect the soundbar audio signal in:** Connect the stereo mini Jack (3,5mm - 1/4") cable of the soundbar to the AUDIO IN of the Display.
- 2. Connect the soundbar speakers:** Connect the audio cables to the speaker terminals on the side of the power amplifier. Red terminal is plus(+) and black terminal is minus(-).
- 3. Activate the external speakers:** Push the button "Internal/External speaker switch" below the speaker terminals on the monitor to enable the external speakers.
- 4. Connect the soundbar audio USB:** Connect the 2m USB cable (the one with the white label) from the soundbar to one of the USB2.0 ports of the OPS slot-in PC
- 5. Connect the Huddly camera:** Connect the 2m USB cable from the soundbar to one of the USB3.0 ports of the OPS slot-in PC.
- 6. Connect the soundbar power supply:** Connect the soundbar power supply to the power socket.
- 7. Select Audio Input on the Display Menu:** In the Display Menu under the AUDIO section, select AUDIO INPUT: IN



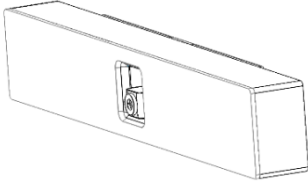
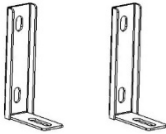

Connected Computing Device (OPS):

Playback device → "2 – Phnx MT103_16k"

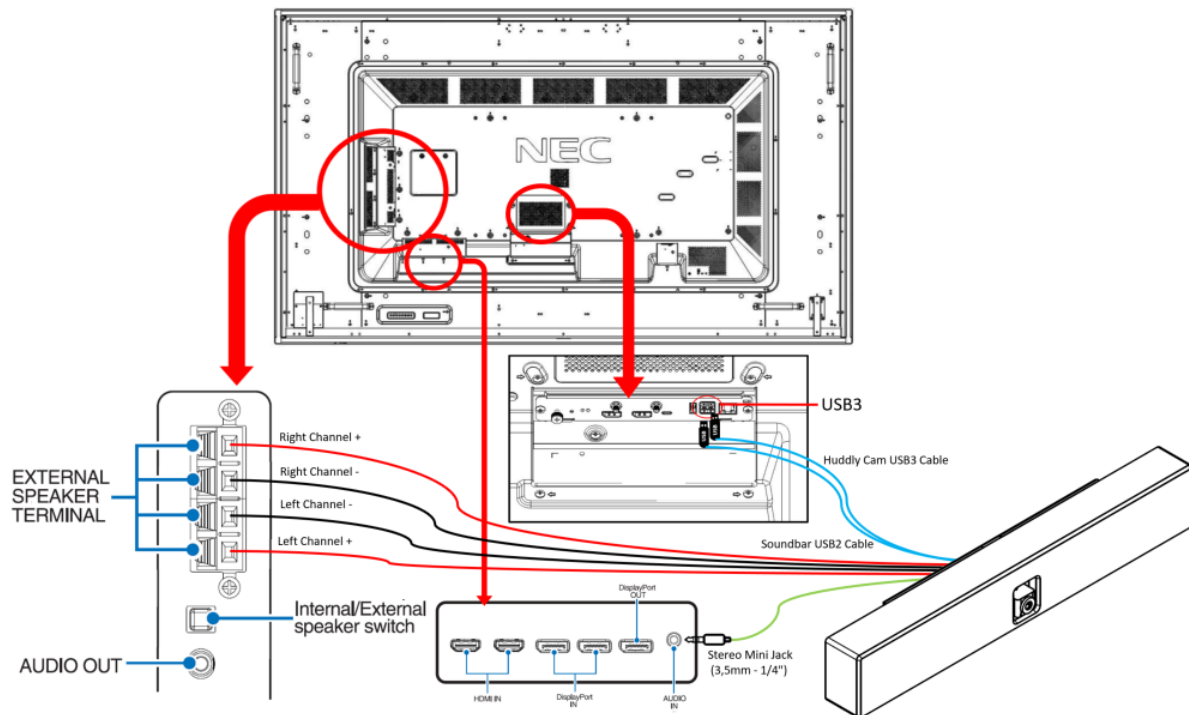
Recording device → "2 – Phnx MT103_16k"

Recommendation: Disable all unneeded layback devices in Windows (Sound Control Panel)

SCOPE OF DELIVERY – COLLABORATION SOUNDBAR PASSIVE InfinityBoard

ITEM	SP-PS-55IB-IQ
NEC SKU	100015337
Soundbar	 1x Soundbar
Wallmount	 2x Wallmount Brackets
Screws & Washer	 4x. M4x15 Screws & Washers
Speaker front cover grill	1x Speaker front grill pre-installed
Analog Audio Cable (IN)	2x (L/R) 2-wire / 1,5m pre-installed
Camera & USB Cable	1x Huddly IQ / USB 3.0 ; ~1,8m pre-installed
Microphone	2x Microphone capsules beamforming integrated
Noise Cancelling Unit & USB Cable (Audio IN)	Integrated USB 2.0 ; 1,5m pre-installed

CONNECTIONS - SP-PS-55IB-IQ



IMPORTANT DEVICE SETTINGS

Display:

- 1. Connect the soundbar audio signal in:** Connect the stereo mini Jack (3,5mm - 1/4") cable of the soundbar to the AUDIO IN of the Display.
- 2. Connect the soundbar speakers:** Connect the audio cables to the speaker terminals on the side of the power amplifier (not included). Red terminal is plus(+) and black terminal is minus(-).
- 3. Activate the external speakers:** Push the button "Internal/External speaker switch" below the speaker terminals on the monitor to enable the external speakers.
- 4. Connect the soundbar audio USB:** Connect the 2m USB cable (the one with the white label) from the soundbar to one of the USB2.0 ports of the OPS slot-in PC
- 5. Connect the Huddly camera:** Connect the 2m USB cable from the soundbar to one of the USB3.0 ports of the OPS slot-in PC.
- 6. Connect the soundbar power supplier:** Connect the soundbar power supply to the power socket.
- 7. Select Audio Input on the Display Menu:** In the Display Menu under the AUDIO section, select AUDIO INPUT: IN.



Connected Computing Device (OPS):

Playback device → "2 – Phnx MT103_16k"

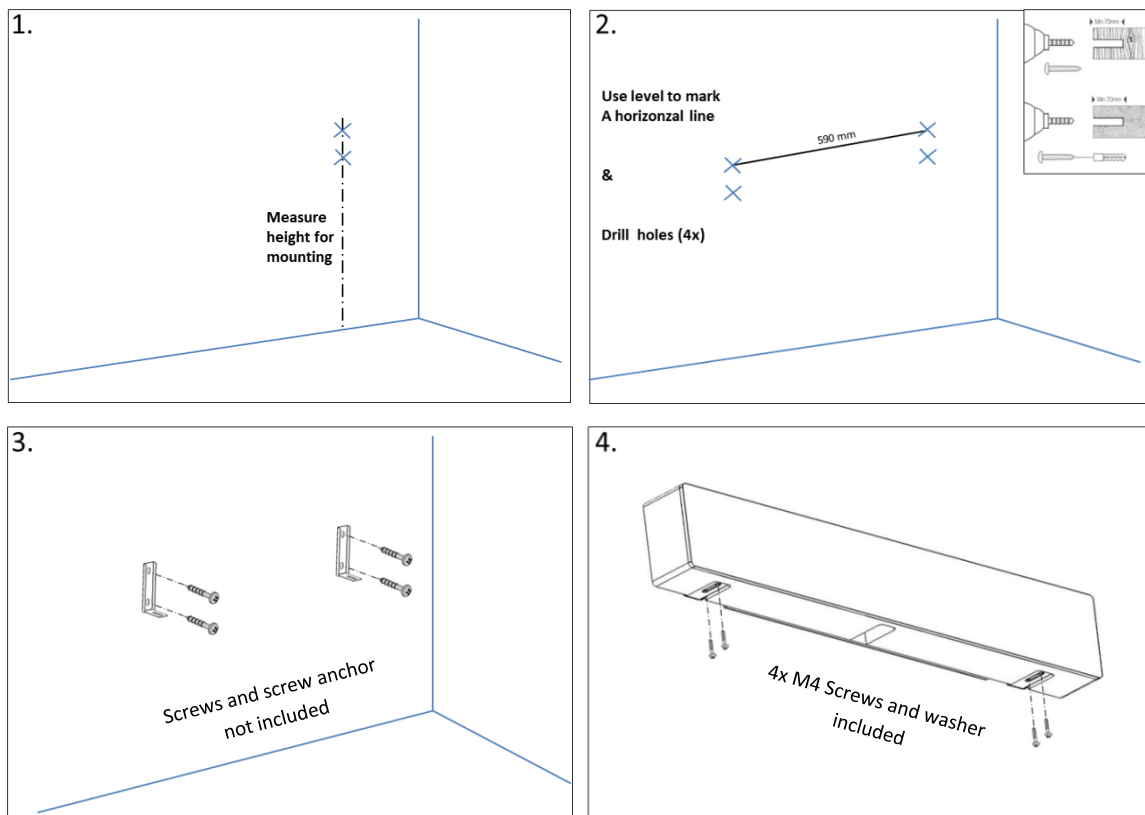
Recording device → "2 – Phnx MT103_16k"

Recommendation: Disable all unneeded layback devices in Windows (Sound Control Panel)

ASSEMBLY / WALL MOUNTING

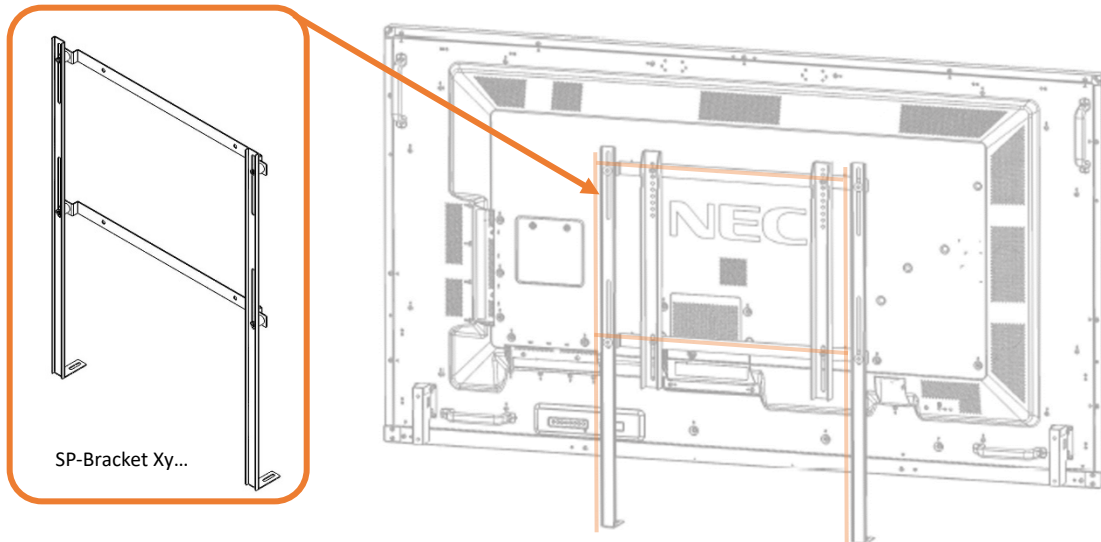
Mounting location

- The ceiling and wall must be strong enough to support the monitor / soundbar and mounting accessories.
- DO NOT install in locations where a door or gate can hit the unit.
- DO NOT install in areas where the unit will be subjected to strong vibrations and dust.
- DO NOT install the monitor / soundbar next to a location where the main power supply is fed into the building.
- DO NOT install the monitor / soundbar in a location where people can easily grab and hang onto the unit or the mounting equipment.
- Allow for adequate ventilation or provide air conditioning around the monitor / soundbar, so that heat can properly dissipate away from the monitor / soundbar and from the mounting equipment.
- For soundbar to wall mounting, mounting brackets as well as 4xM3 screws and washers to fix the soundbar to mounts are included.
- Please select screws and respective screw anchors according to the wall material and structure provided on site.



MOUNTING TO MONITOR (require optional brackets)

For soundbar to monitor mounting, optionally available mounting brackets (SP-Bracket Xy...) are required. Depending on the monitor size and monitor series those brackets vary in size and respective order number (SKU). To identify the adequate SP-Bracket please refer to the table below.



Display Size & Series	Bracket Name and order number (SKU)		
Standard LFD Series	SP-Bracket 40-55	SP-Bracket 65-86	SP-Bracket 98
Displays 40-55"	100015041		
Displays 65-86"		100015247	
Display 98"			100015333
CB-Series	SP-Bracket CB65	SP-Bracket CB75-86	
CB Series 65-75"	100015428		
CB Series 86"		100015696	

COMPATIBILITY

			Soundbars						High-End-Speakers						
			General		Collaborative		side-mount		rear-mount						
Display Model	Built-in speakers	External Speaker Order Code	100013520	100015582	100015583	100015453	100015078	100015454	100015302	100014632	100015001	100014985	100015517	100015612	
			SP-TF1	SP-AS2	SP-PS2	SP-ASCM2	SP-PSCM	SP-ASCM-IQ2	SP-PSCM-IQ	SP-484SM	SP-754QSM	SP-864QSM	SP-RM3	SP-RM3a	
E328	✓	Compatibility	-	-	-	-	-	-	-	-	-	-	-	-	
E438	✓		-	●	-	●	-	●	-	-	-	-	-	-	-
E498	✓		-	●	-	●	-	●	-	-	-	-	-	-	-
E558	✓		-	●	-	●	-	●	-	-	-	-	-	-	-
E658	✓		-	●	-	●	-	●	-	-	-	-	-	-	-
ME431 (PG, IR)	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
ME501 (IR)	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
ME551 (PG, IR)	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
ME651 (PG)	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
C750Q	✓		●	●	-	●	-	●	-	-	●	-	-	-	●
C751Q SST*	✓		●	-	●	-	●	-	●	-	●	-	-	●	●
C860Q	✓		-	●	-	●	-	●	-	-	-	-	●	-	●
C861Q SST*	✓		●	-	●	-	●	-	●	-	-	-	●	●	●
C981Q (SST)*	✓		●	-	●	-	●	-	●	-	-	-	-	●	-
V323-3 (PG)*	✓		-	-	●	-	●	-	●	-	-	-	-	●	●
V404 (PG)*	✓		●	-	●	-	●	-	●	-	-	-	-	●	●
V484 (PG)*	✓		●	-	●	-	●	-	●	●	-	-	-	●	●
V754Q (PG)*	✓		●	-	●	-	●	-	●	-	●	-	-	●	●
V864Q (PG)*	✓		●	-	●	-	●	-	●	-	●	-	●	●	●
V984Q (PG)*	✓		●	-	●	-	●	-	●	-	-	-	-	●	-
M321 (PG)*	✓		-	-	-	-	-	-	-	-	-	-	-	-	-
M431 (PG, PCAP)*	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
M491 (PG, PCAP)*	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
M551 (PG, PCAP)*	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
M651 (PG, PCAP)*	✓		-	●	-	●	-	●	-	-	-	-	-	-	●
MA431 (PG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
MA491 (PG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
MA551 (PG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
P435 (PG, MG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
P495 (PG, MG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
P555 (PG, MG)*	-		●	●	●	●	-	●	-	-	-	-	●	●	●
P754Q (PG)	✓		●	-	●	-	●	-	●	-	●	-	-	●	●
UN462A / UN462VA	-		●	-	●	-	●	-	●	-	-	-	-	●	-
UN552 / UN552V	-		●	-	●	-	●	-	●	-	-	-	-	●	-
UN552S / UN552VS	-		●	-	●	-	●	-	●	-	-	-	-	●	-
UN552A	-		●	-	●	-	●	-	●	-	-	-	-	●	-
UX552	-		●	-	●	-	●	-	●	-	-	-	-	●	-
X554HB	✓		●	-	●	-	●	-	●	-	-	-	-	-	-
X754HB	✓		●	-	●	-	●	-	●	-	-	-	-	-	-

● Perfect Compatibility

● Compatible - speakers might bulge from the back surface. It might also require an additional mounting bracket. Please refer to the respective Product Datasheet for more details

- Not Compatible

* High-end Speakers (SP-xxSM) are not compatible with Protective Glass (PG), Mirror Glass (MG), ShadowSense Touch (SST) and 3M™ PCAP Touch PCAP Displays.

MAINTENANCE AND CLEANING

Maintenance

- Periodically check for loose screws, gaps, distortions, or other problems that may occur with the mounting equipment. If a problem is detected, please refer to qualified personnel for service.
- Regularly check the mounting location for signs of damage or weakness that may occur over time.

Cleaning

- Unplug the power supply (active soundbar).
- Gently wipe the cabinet with a soft cloth.
- To clean the cabinet, dampen the cloth with a neutral detergent and water, wipe the cabinet and follow with a dry cloth.

NOTE: DO NOT clean with benzene thinner, alkaline detergent, alcoholic system detergent, glass cleaner, wax, polish cleaner, soap powder, or insecticide. Rubber or vinyl should not be in contact with the cabinet for an extended period of time. These types of fluids and materials can cause the paint to deteriorate, crack or peel.

RECYCLING INFORMATION

NEC DISPLAY SOLUTIONS is strongly committed to environmental protection and sees recycling as one of the company's top priorities in trying to minimize the burden placed on the environment. We are engaged in developing environmentally-friendly products, and always strive to help define and comply with the latest independent standards from agencies such as ISO (International Organisation for Standardization) and TCO (Swedish Trades Union).

Disposing of your old NEC product

The aim of recycling is to gain an environmental benefit by means of re-use, upgrading, reconditioning or reclamation of material. Dedicated recycling sites ensure that environmentally harmful components are properly handled and securely disposed. To ensure the best recycling of our products, NEC DISPLAY SOLUTIONS offers a variety of recycling procedures and gives advice on how to handle the product in an environmentally sensitive way, once it has reached the end of its life.

All required information concerning the disposal of the product and country-specific information on recycling facilities can be found on our following websites:

<https://www.nec-display-solutions.com/p/greenvision/en/greenvision.xhtml> (in Europe),

<https://www.nec-display.com> (in Japan) or

<https://www.necdisplay.com> (in USA)