Avocor AVG Series

Quick Start Guide

Welcome to your new Avocor AVG Series display

Your Avocor G-Series, 4K interactive touch display supporting 4K@60Hz resolution, up to 20 simultaneous touch points, 4 simultaneous passive pens use, USB Type C connectivity, multiple source inputs for your computers and USB peripherals, and an Intel™ approved OPS PC slot.

This Quick Start Guide will provide basic operating instructions to help get you started.

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☀ 75°

Temperature C / F

Source Preview & Selection

| OPS Computer | HDMI 1 | HDMI 2 |
| DisplayPort | Type-C | |

Mon, November 23

1:00 PM

Time & Date

Wi-Fi connection

Room Name & Settings

Main Conference Room ⚙

There are seven categorical tiles to choose from in the Settings menu: Display, Network, Language, Location & Time, Input, Security, and About.

Touch one of these tiles to open a subset of configuration options for your chosen Settings category.
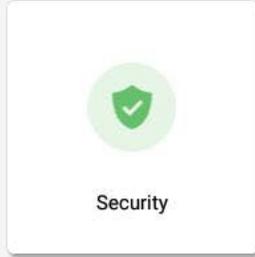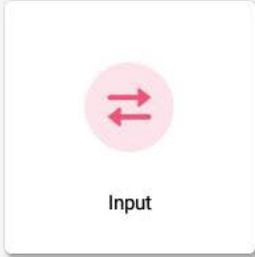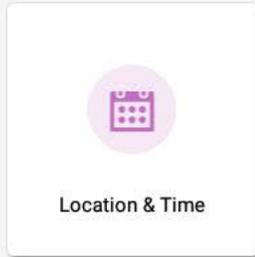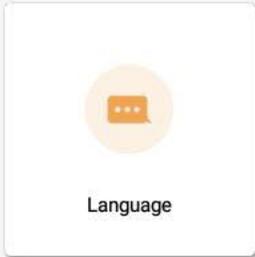
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Sun, November 22

11:29 PM

OPS Computer

DisplayPort

Display

Network

Language

Location & Time

Input

Security

About
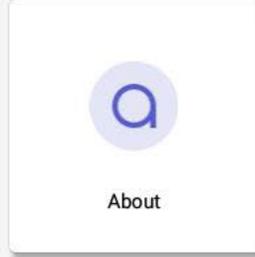
- Name - Assign a name to the display.

- Wallpaper - Set a default or custom user images for the Home Screen.

- Energy Saving - Set Auto Power On/Off, Power On Time, Power Off Time, Presence Detection, Eco Mode, OPS Always On, Display Sleep.

- Picture - Set the Scheme, Backlight, and Advanced Settings for the display's picture.

- Audio - Set Mute, Treble, and Bass.

- Auto Close Menu – If enabled, setting menu and source selection will close automatically if user is idle (no operation).

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Sun, November 22

11:23 PM

Display

Name	Main Conference Room	>
Wallpaper		>
Energy Saving		>
Picture		>
Audio		>
Auto Close Menu		⬤

OPS Computer

DisplayPort

← Back to Settings ✕

- Status - Shows Network & LAN status.

- LAN - Set a Static IP or DHCP address.

- WiFi - Configure Wi-Fi settings.*

- Wake On LAN - Toggle on/off.

* To enable WiFi you need a compatible Wi-Fi USB dongle - sold separately.

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Sun, November 22

11:25 PM

OPS Computer

DisplayPort

Network

Status   ● Cable Connected

LAN   DHCP >

Wi-Fi   Disabled >

Wake On LAN

← Back to Settings   ✕

Configure Wi-Fi settings

- To enable the Wi-Fi connection, insert the Avocor AVC-USB-WIFI dongle into the display, you will then be presented with a list of available networks to choose from.

- Now select your network and type in your password.

Please speak to your Avocor representative for availability and pricing of the AVC-USB-WIFI dongle

Sun, November 22

11:25 PM

OPS Compu

DisplayP

Wi-Fi

Wi-Fi

Office-Wifi

NETWORKS

Network1234

FreePublicWifi

Network-1A

OtherNetwork

OtherOtherNetwork

← Back to Network

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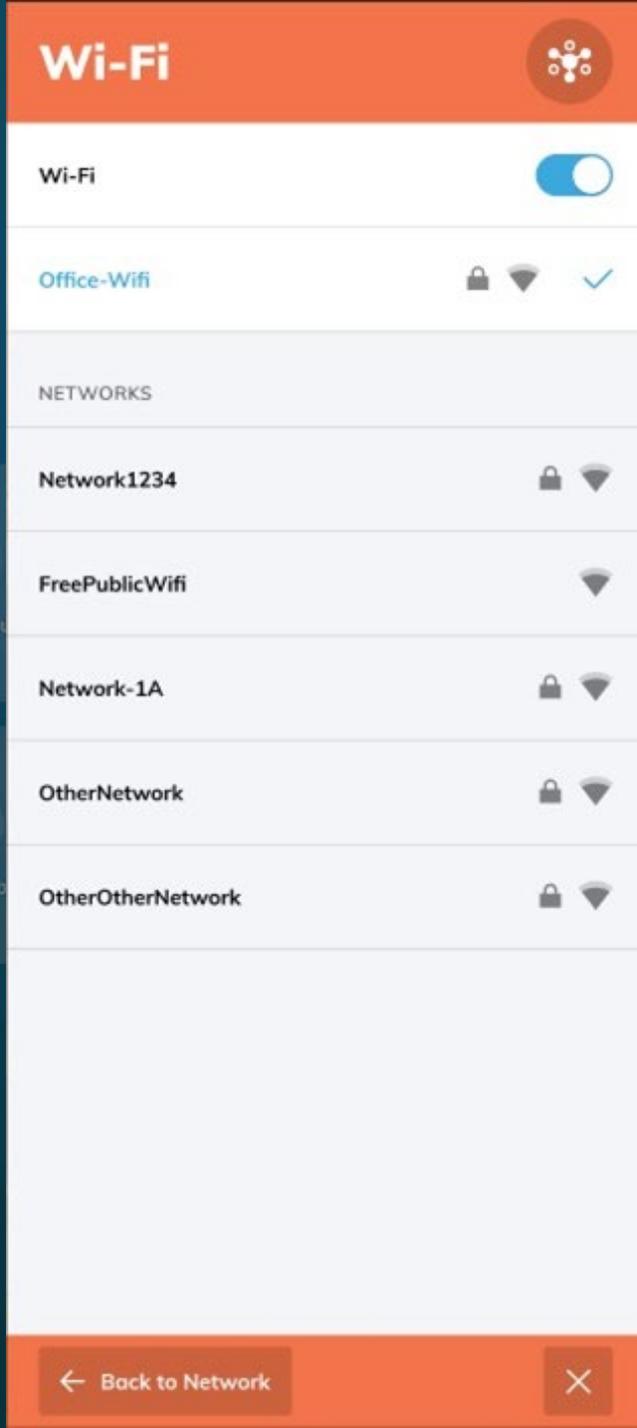
- Timezone - Set Timezone based on your city and region.

- Auto Date & Time - Toggle Auto Date & Time on/off.

- Use 24 Hour Time - Toggle 24 Hour Time on/off.

- Date Format - Set a date format for the Home Screen.

- Location (Weather) - Set the region for accurate weather information.

- Unit (Weather) - Set unit for measure of temperature (°F, °C)

Sun, November 22

11:26 PM

OPS Computer

DisplayPort

Location & Time

Timezone	Los_Angeles, America >

Auto Date & Time	⬤

Set Date	>

Set Time	>

Use 24 Hour Time	⚪

Date Format	Sun, November 22 >

WEATHER

Location

← Back to Settings   ✕

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- Favorite Source - Set the favourite source (Home Screen, OPS PC, Type C, HDMI 1, HDMI 2, DisplayPort).

- Starting Source - Set the default source the display will show automatically upon powering on the display (Home Screen, OPS PC, Type C, HDMI 1,   HDMI 2, DisplayPort).

- Auto Detect New Input - Toggle on/on determines whether the display will automatically switch to a new connection.

- Rename Sources - Set custom names for the display's input sources.

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11:26 PM

OPS Computer

DisplayPort

Favorite Source   Home Screen >

Starting Source   Home Screen >

Auto Detect New Input

Rename Sources >

Advanced Settings >

← Back to Settings   ✕

- Require Passkey – Toggle on/off.

- Set Passkey - Set a custom Passkey to access display settings.

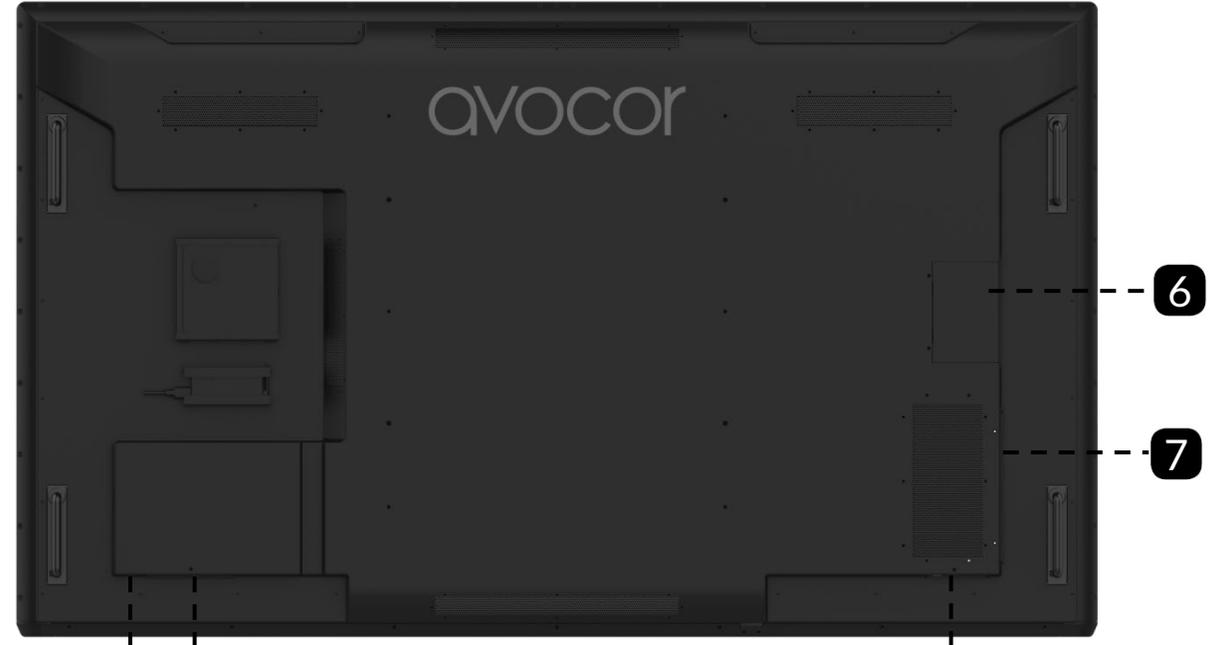- Lock the front buttons of the display – Toggle on/off

Security

Require Passkey	
Set Passkey	›
Lock Front Button	

Sun, November 22

11:30 PM

OPS Computer

DisplayPort

← Back to Settings ✕

The Display at a Glance G-60 – 65"|75"|85"
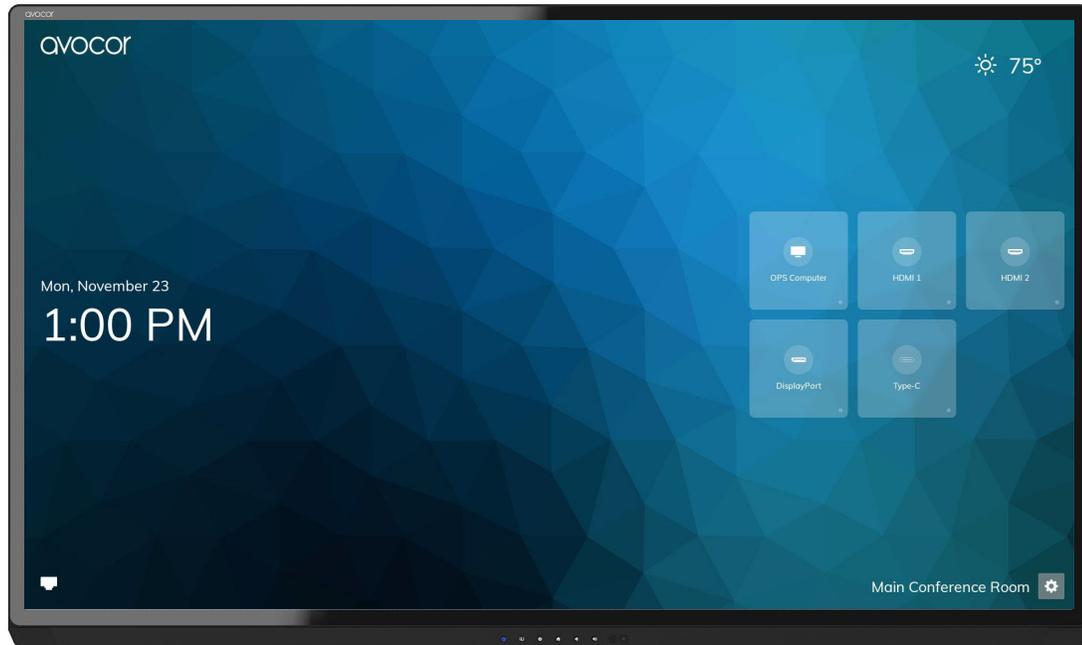
1 Mic Array		**2** Front Buttons		**3** Presence Sensor		**4** Power Switch	
5 Power Socket		**6** OPS PC Slot		**7** Side IO Ports		**8** Control & Service Ports	

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Front Control Buttons and their Functions

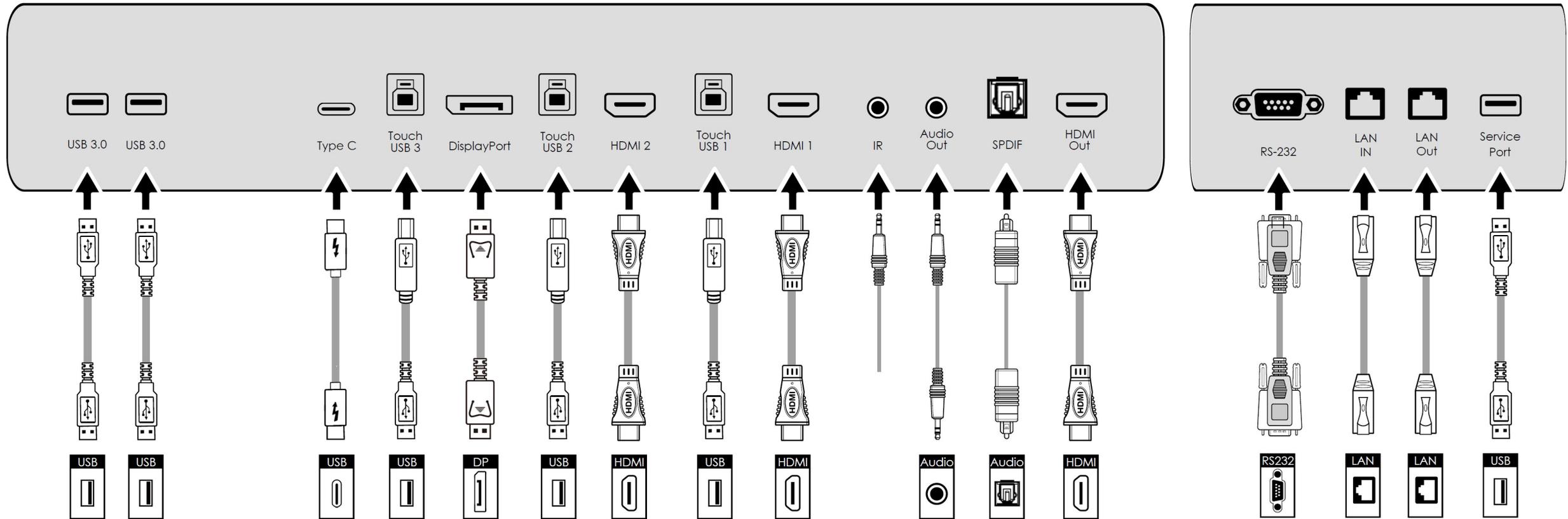| Control Buttons	Description
Power	Press the button to turn on and off the display
Source	Source switching and preview.
Menu	Displays menu options.
Home	Default set to OPS slot. Can be assigned to any input
Volume -	Short press to reduce one level of volume; Long press, continue to reduce the volume
Volume +	Short press to increase one level of volume; Long press, continue to increase the volume
IR Sensor	IR Sensor for Remote Control
Ambient Light Sensor	Ambient light detection

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Display Input Sources G-Series.

USB 3.0   USB 3.0   Type C   Touch USB 3   DisplayPort   Touch USB 2   HDMI 2   Touch USB 1   HDMI 1   IR   Audio Out   SPDIF   HDMI Out

RS-232   LAN IN   LAN Out   Service Port

USB   USB   USB   USB   DP   USB   HDMI   USB   HDMI   Audio   Audio   HDMI

RS232   LAN   LAN   USB

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Remote Control & Functions

Icon	Function
(power icon)	Power on/off the display
(home icon)	Default set to OPS slot Can be assigned to any input
(source icon)	Opens the Source Menu.
(navigation/OK icon)	Navigates through menus and settings.
	Selects highlighted menu choice
(back icon)	Takes the user back one step
(volume down icon)	Decreases the Volume
(volume up icon)	Increases the Volume
(settings icon)	Opens the display menu system.

Locking & Unlocking the Remote Control

You can lock the remote control buttons and display keypad to prevent unauthorised personnel from changing settings on the display.

Follow the sequence below to lock and unlock the remote control:

OK, OK, BACK, BACK, OK and BACK, in sequence.

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Switching the Avocor display on and off

Switching on

1. Plug the end of the supplied power cord into the display

2. Connect the other end to the power source.

3. Turn on the main power switch of the display. If the LED indicator is pulsing blue the display is in "standby" mode.

4. Press the Power button and the power LED indicator on the centre of the display will then light up in blue, which tells you that the screen is switched on.

5. After a brief warm-up period, an image will be display

Switching off

1. Switch the display off by pressing the Power button on the display.

2. The display will then cycle and shut down.

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Connecting the Display

Proceed as follows to connect the display to your video sources, external controller.

When connecting your equipment:

1. Turn off all equipment before making any connections.

2. Use the correct signal cables for each source.

3. For best performance and to minimise cable clutter, use high-quality cables that are only as long as necessary to connect two devices. (Don't use a cable longer than 5 metres for HDMI & DisplayPort and 1.8 metres for passive USB-C cables

4. Ensure that the cables are securely connected.

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Connecting to an external PC using Type C connection

The single Type C cable solution that immediately and intelligently connects a Windows PC to the display and enables immediate control of the new camera and mic for video and audio, as well as provides hard-wire ethernet connection, power and USB touch-back to the laptop.

1. Connect the enclosed Type C cable to the Type C port of the touchscreen and to the external PC.

2. Using the Avocor UiQ interface or Remote Control select the Type C source button or press the Source Button (see operating buttons) on the Front Connection bar to select Type C.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

For Type C connection, we recommend a maximum length of 1.8m unless an active Type C cable is used..

USB-C

USB

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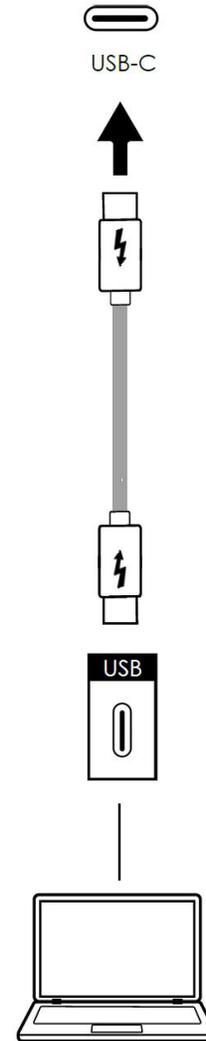
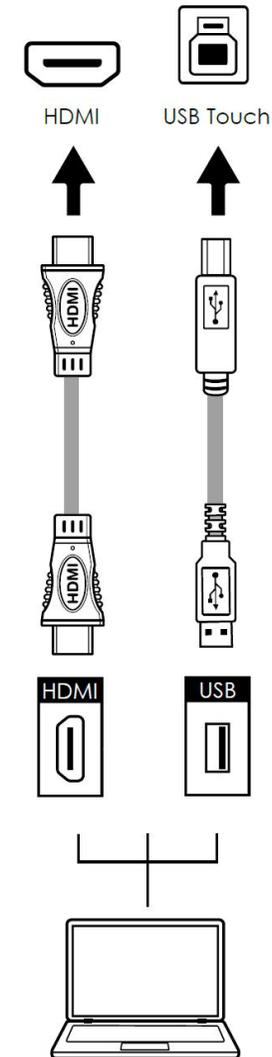# Connecting to an external PC using an HDMI connection

In addition to a HDMI connection, a USB touch connection is required when connecting an external PC.

1. Connect the enclosed HDMI cable to the HDMI port of the touchscreen and to the external PC.

2. Connect the enclosed USB cable to the corresponding touch USB port (USB-B) of the touchscreen and to the USB port (USB-A) on the external PC.

3. Using the Avocor UiQ interface or Remote Control select the HDMI source button or press the Source Button (see operating buttons) on the Front Connection bar to select HDMI.

This display supports the VESA Display Data Channel (DDC) standard. This standard provides "Plug and Play" capability; the display and a VESA DDC-compatible computer communicate their setting requirements, allowing for quick and easy setup.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

We recommend using a USB cable that is no longer than 5 metres.

HDMI   USB Touch

HDMI   USB

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Connecting to an external PC using a DisplayPort connection

In addition to a DisplayPort connection, a USB touch connection is required when connecting an external PC.

1. Connect a DisplayPort cable to the DisplayPort port of the touchscreen and to the external PC.

2. Connect the enclosed USB cable to the touch USB port (USB-B) of the touchscreen and to the USB port (USB-A) on the external PC.

3. Using the Avocor UiQ interface or Remote Control select the DisplayPort source button or press the Source Button (see operating buttons) on the Front Connection bar to select DisplayPort.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

We recommend using a USB cable that is no longer than 5 metres.
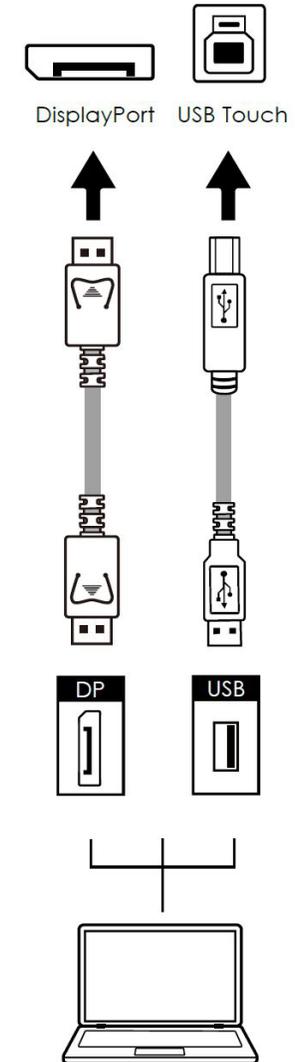
Installing an OPS Module

Follow the steps below to install an OPS module.

Step 1. Ensure that the display is turned off

Step 2. Use a screw driver to unscrew the OPS slot shield on the display input panel. Do not lose the screws that are removed.

Step 3. Install the OPS module by sliding it into the OPS slot until you hear a click, indicating the module is securely inserted. When using an Avocor OPS PC, the fan should be visible.

Step 4. Secure the OPS module in position by screwing it onto the display input panel using the screws that were removed earlier.

Step 5. Ensure the installation is complete before turning on the power.

Step 6. Turn on the display. When using an Avocor OPS Pc you should see a green light on the side of the OPS, this will indicate that the OPS PC is switched on and operational.

Note. When installing or de-installing an OPS PC, the display must be switched off. If the display is on when performing the installation or deinstallation of the OPS PC, this could cause damage to either the display or OPS PC invalidating the warranty for both.

Step 2

Step 3

Step 4

Step 5

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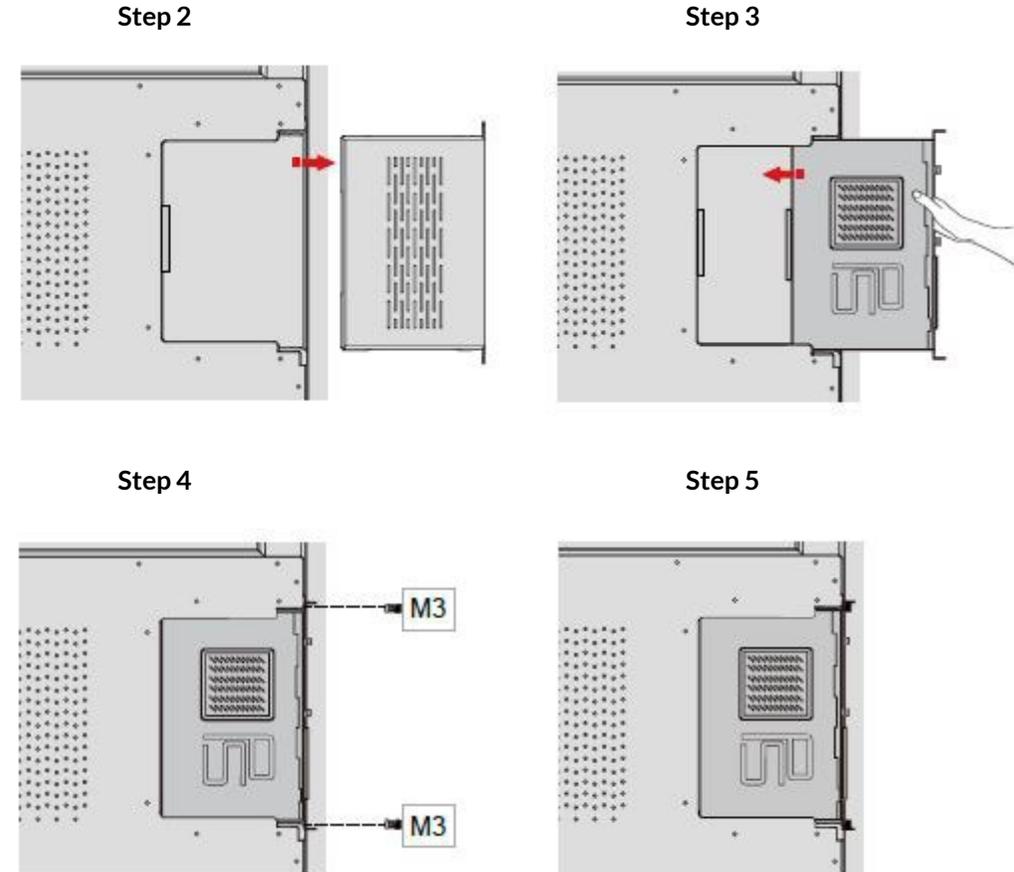
Installing a backpack PC or NUC

Backpack PC
Mounting
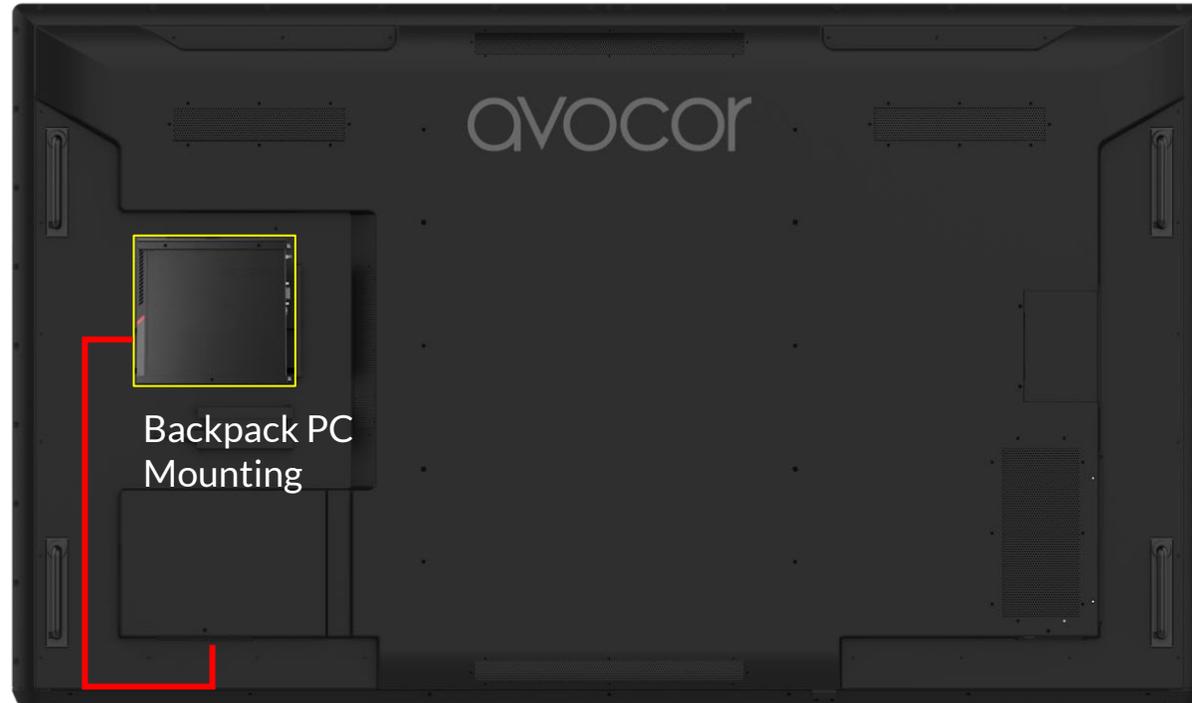
- VESA Mount to attach third-party bracket and compute devices

- AC power out for backpack pc

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Warranty Support

Should you require assistance with any suspected hardware fault, please contact the Warranty Support team, service@avocor.com

Please provide as much information to the support team about the fault and any steps you have taken in trying to try and resolve the fault.

Remember the first instance to look for known faults and how to resolve them on the avocor website **www.avocor.com/support**

Please visit **www.avocor.com** to download the full G-Series user manual.

Organisation Name	
Contact Person	
1st Contact Number (Landline)	
2nd Contact Number (Mobile/Cell)	
Email	
Address (of on-site repair or unit exchange)	
City	
State	
Postcode/ZIP	
County/State	
Days and hours of operation	
Loading & Parking Available? (Yes or No)	

Reseller Information (If Known)	
Organisation Name	
Contact Person	
Contact Number (Landline)	
Email	

Product Information	
Product / Model	
Serial Number	
Date Of Purchase (If Known)	