X SERIES

Quick Start Guide

Fx4-HDR
Fx4
Fx4-SDI
Hx4

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DATAPATH
EXCELLENCE BY DESIGN

x-Series Quick Start Guide

Thank you for purchasing the Datapath x-Series multi-display controller. The aim of this document is to quickly guide you through the process of initial setup.

For detailed information, the User Guide can be downloaded from **www.datapath.co.uk.**

CONTENTS

- 1 x multi-display controller
- 1 x mains power cable
- 1 x USB 2.0 cable Type A to Type B
- HDMI Locks (Fx4-HDR x8, Fx4 - x2 with DisplayPort model, x6 with HDMI Model, Fx4-SDI - x1, Hx4 - x5)
- 2 x rack mount attachments
- 4 x rack mount screws

Fx4-HDR

Fx4

If any of the items are missing, please contact Datapath for further instructions.

The x-Series multi-display controllers are not supplied with input and output cables. Please ensure you have the relevant cables to hand to complete your project.

The latest version of the **Wall Designer** software for Mac OS and Windows is available to download from our website **www.datapath.co.uk.**

Fx4 SDI

Hx4

STEP 1 CONNECT INPUTS

Connect your input source to the input connector on the rear of the controller. The input connectors are clearly marked on the rear panel of your controller.

Multi-display Controller	HDMI Inputs	SDI Inputs	DisplayPort Inputs
Fx4-HDR	3	-	-
Fx4	2	-	1
Fx4-SDI	1	1	1
Hx4	1	-	-

Ensure cables are inserted correctly. It is recommended that locking cable connectors are used where possible.

STEP 2 CONNECT OUTPUTS

Connect your display cables to the display output connectors on the rear of your multi-display controllers.

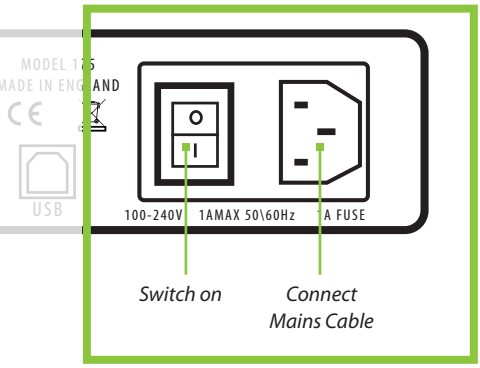
The output connectors are clearly marked on the rear panel of your controller. You can connect up to four displays to a single controller.

Some models also have a DisplayPort Out Loop. This is used when connecting multiple controllers.

Ensure cables are inserted securely it is recommended that locking cable connectors are used where possible.

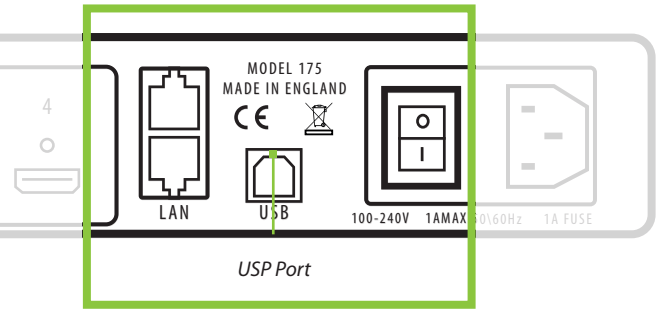
STEP 3 CONNECT MAINS CABLE

When the power is switched on the multi-display controller will boot and the LEDs on the front panel will flash for up to 15 seconds. Should the LED's continue to flash see the troubleshooting section at the end of this guide.



STEP 4 CONNECTING TO A PC

To successfully configure your multi-display controller, firstly install the **Wall Designer** application on your PC by downloading the latest version from the Datapath website **www.datapath.co.uk**.



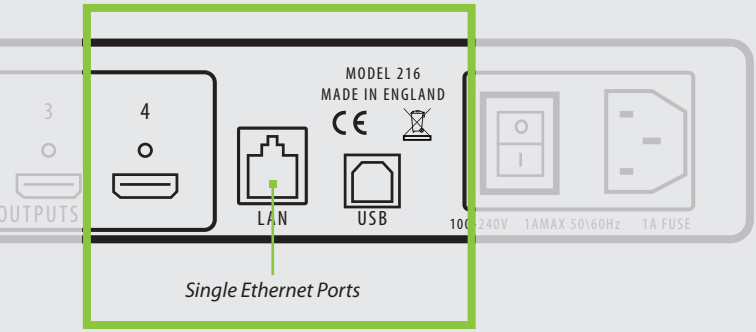
When the controller has booted, connect it to your PC using the USB cable provided. The controller is a plug and play device. Wall Designer will detect it when the layouts are configured.

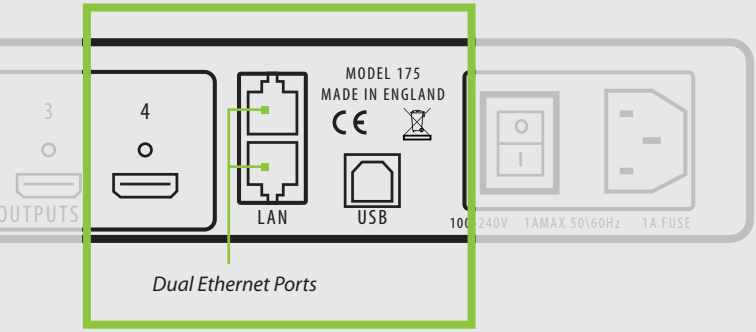
The multi-display controller can also be configured via a Network, (see Step 5).

STEP 5 CONFIGURE VIA A NETWORK

Datapath multi-display controllers have either single or dual Ethernet ports to allow users to add the controller to their network.

Controllers with dual Ethernet ports only require one multi-display controller in any chain to be connected to a network. Ethernet loop-through is supported on the second LAN port meaning multiple devices can be connected.



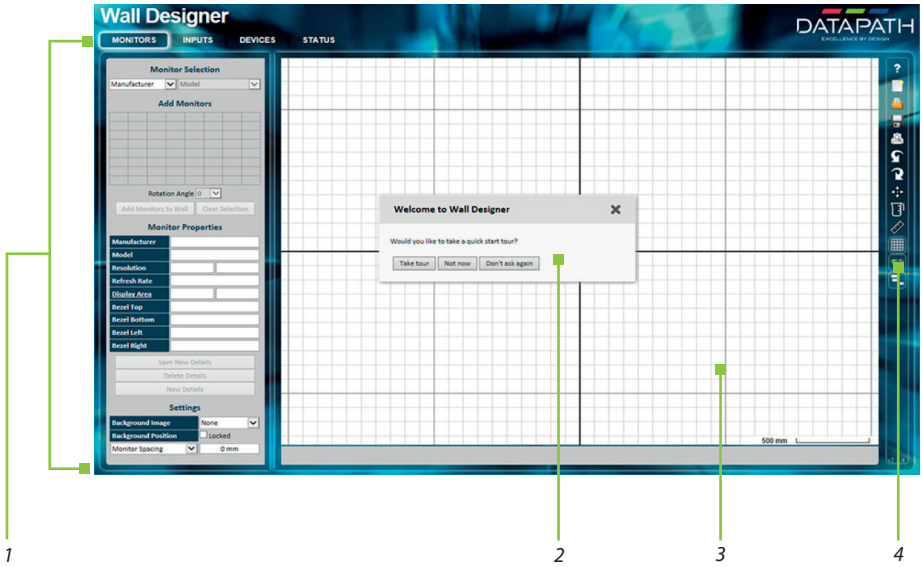


Connect the controller to a network using a LAN connector then open **Wall Designer** and create your display layout, (see Step 6).

STEP 6 WALL DESIGNER

Start | All Programs | Wall Designer |

When **Wall Designer** is opened, the following dialogue is displayed:

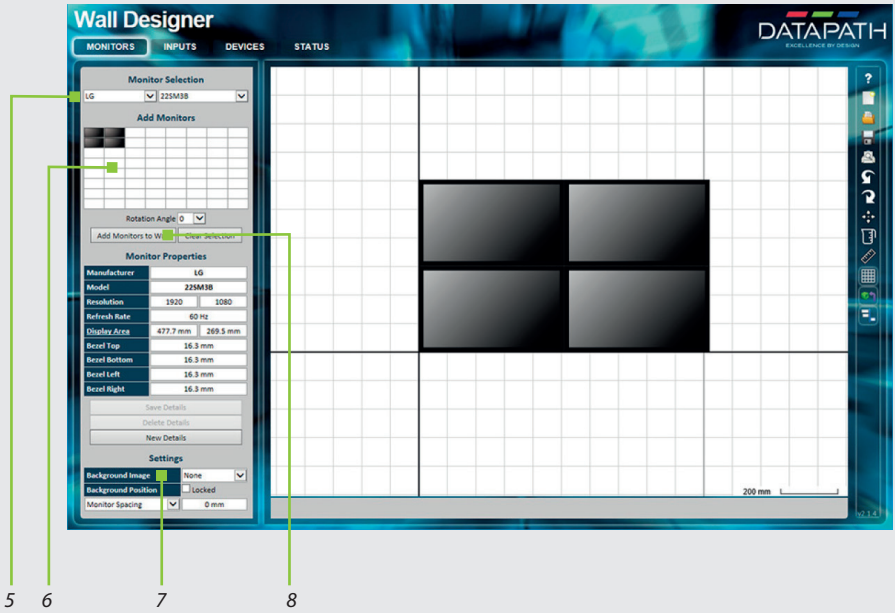


1	Operation Modes: Select outputs, inputs, configure devices and check the status of your multi-display controller.
2	Quick Tour Dialogue.
3	Virtual Canvas.
4	Toolbar.

It is highly recommended that when using **Wall Designer** for the first time, all users take the **Quick Start Tour**.

WALL DESIGNER - SELECTING MONITORS

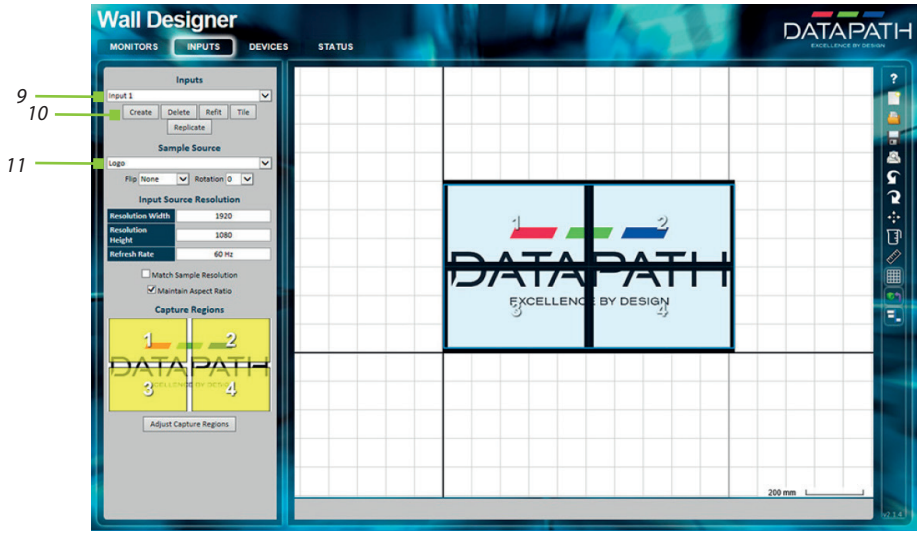
Click on the **Monitors** tab:



5	Select your output manufacturer from the drop-down **Output Selection** list on the left. Then select the model.
6	Choose the number of outputs by highlighting cells in the **Add Outputs** grid.
7	Select a **Background Image** to enhance the **Virtual Canvas**.
8	Click **Add Outputs** and the selected outputs will populate the **Virtual Canvas**. Open the **Inputs** tab.

WALL DESIGNER - DEFINING INPUTS

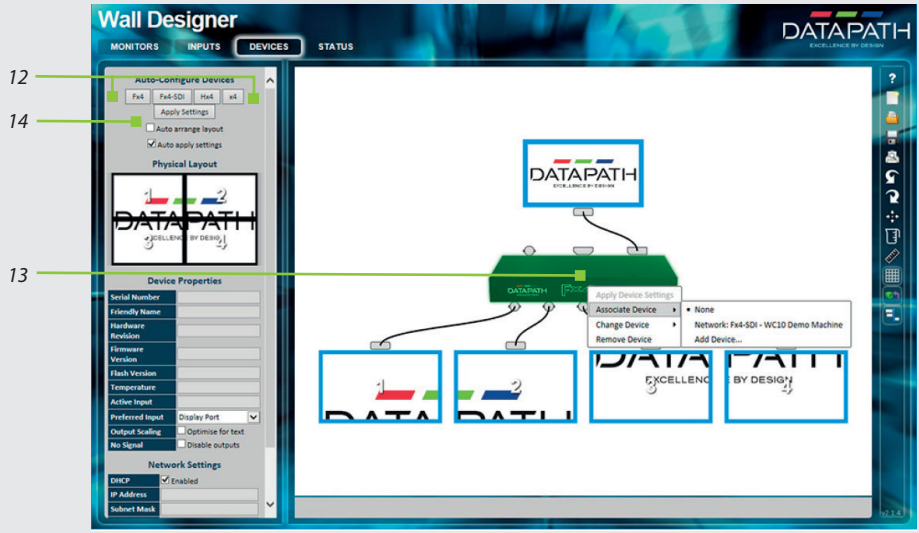
Click on the **Inputs** tabs:



9	Use the dropdown **Inputs** list to set up the input sources that are to be displayed on your monitors.
10	Click on the **Create** button.
11	Use the drop-down list to select a **Sample Source**. This will offer a preview of what the display wall will look like on the **Virtual Canvas**.

WALL DESIGNER - CONFIGURING HARDWARE DEVICES

Click on the **Devices** tab:



12	Click on your model of multi-display controller to **Auto-configure** the device. This will indicate how the displays are connected to the controller.
13	Right click of the virtual device and associate it with the physical device connected to your PC or on the network. This will populate the **Device Properties**. The **Device Properties** can be edited.
14	Click on **Apply Settings** to complete the configuration.

WALL DESIGNER - VIEWING DEVICE STATUS

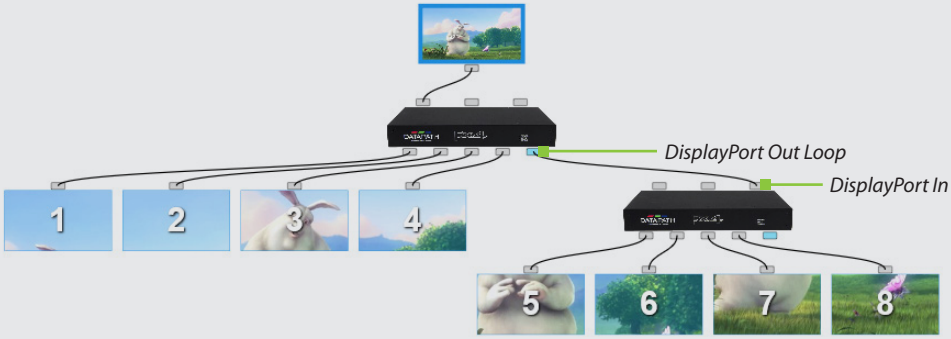
The **Status Panel** gives a summary of each associated device.

STATUS

15	List of x-Series multi-display devices connected to your computer or LAN. Click on a device to display its status information.
16	The status information panel displays a summary of the selected device. This includes details of the Flash and Firmware versions, IP Address, serial number and the average running temperature of the controller. Scroll down to view the status of each output.

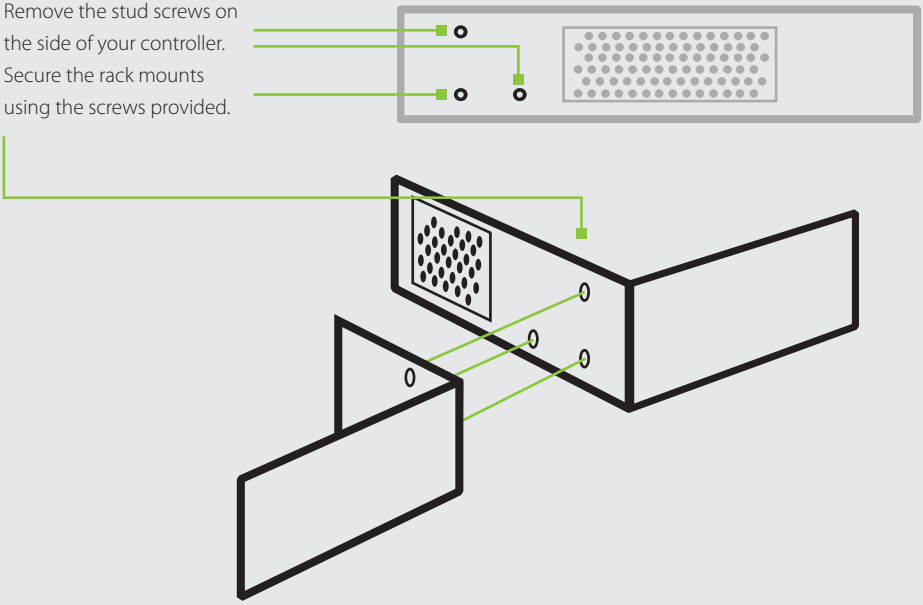
STEP 7 CONNECTING MULTIPLE DEVICES

Where more than four outputs are required, the **Auto Configure** function in the **Devices** tab (12) will determine the most logical way to connect all devices.



STEP 10 RACK MOUNTING (OPTIONAL)

Remove the stud screws on the side of your controller. Secure the rack mounts using the screws provided.



IP CONTROL PANEL

Your multi-display controller has a control panel that can be accessed via an IP connection, simply type in the IP address of the controller into an Internet browser and a control panel is displayed.

The control panel allows you to change properties and settings, manually define cropping regions or open the **Wall Designer** application.

TROUBLESHOOTING

Display Screens Turns Red

If all the display screens turn red, this indicates that there is an issue with HDCP compliance. Check both the input source and the monitors are HDCP compliant.

Front Panel LED Lights Flashing Continuously

On start-up all three lights will flash. After a few seconds the flashing should stop and the power light stays on permanently. If the light continues to flash this indicates that the multi-display controller requires upgrading.

See the User Guide for details on how to upgrade your controller. This can be found on the Datapath website **www.datapath.co.uk**.

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CERTIFICATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Datapath Ltd declares that the x-Series Display Controllers comply with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.

A copy of our Declaration of conformity is available on request.

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A full list of product compliance certifications can be found in the product User Guide.

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