

SExxB

# Vibrant LCD Shelf Edge Displays

USER MANUAL



Read the manual carefully and ensure you have fully understood its contents before operating this device for the first time.

**English**

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# Warning! Important Safety Instructions



Please take a moment to carefully read and understand the following safety instructions before using your digital screen:

## **Ventilation:**

Avoid placing the screen in confined spaces like bookcases or built-in cabinets, unless proper ventilation is available. Keep the screen away from radiators and heat registers

## **Water and Moisture:**

Do not place vessels (such as vases) containing water on the screen, as this can result in fire or electric shock.

Avoid exposing the screen to rain or placing it near water sources like bathtubs, washbowls, kitchen sinks, laundry tubs, wet basements, or swimming pools. In case of accidental exposure to water, immediately unplug the device and contact an authorized dealer.

## **Electrical Safety:**

Avoid overloading wall outlets, extension cords, or adapters beyond their capacity, as this can lead to fire or electric shock.

Ensure that power-supply cords are positioned in a way that prevents them from being walked on or pinched. Pay attention to cords at the plug end, wall outlets, and where they exit the device.

During lightning storms or when leaving the screen unused for extended periods, unplug it from the wall outlet and disconnect the antenna or cable system to prevent damage from lightning or power line surges.

Never touch the inside of the screen, as it may result in electric shock. Only qualified technicians should open the device.

Always firmly plug in the power cord and pull the plug, not the cord itself, when disconnecting from the wall outlet. Avoid touching the power cord with wet hands.

If the screen does not operate normally, emits unusual sounds or smells, immediately unplug it and contact an authorized dealer or service center.



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**Installation Considerations:**

For information on installing the screen in environments with heavy dust, extreme temperatures, high humidity, or chemical substances, please contact customer service. Failure to do so may cause serious damage to the screen.

Use only properly grounded plugs and wall outlets to ensure safety and prevent electric shock or equipment damage (Class I Equipment only).

When turning off the screen completely, disconnect it from the wall outlet. Ensure easy access to the wall outlet and power plug for quick unplugging if needed.

Avoid dropping or striking the product. In case of damage, disconnect the power cord and contact customer service.

**Cleaning and Maintenance:**

Before cleaning, unplug the power cord from the wall outlet. Use a soft, dry cloth to wipe the product. Do not use chemicals like wax, benzene, alcohol, thinners, insecticides, air fresheners, lubricants, or detergents, as they can damage the panel's appearance or erase printing on the product.

Prevent exposure of the screen to dripping or splashing liquids.

Keep the display away from heat sources and place it in a stable, well-ventilated location. Handle the product with care, as it contains glass.

Remove any protective covering from the screen before using the display.

Power supply must be shut off before cleaning. Use a soft, lint-free cloth for screen wiping. If needed, you may use a glass cleaner, but avoid spraying it directly onto the display surface.

Do not attempt to repair the product yourself, as improper disassembly may void the warranty and pose potential dangers.

If you encounter a problem that cannot be resolved using the provided troubleshooting guidelines, please contact your supplier.

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# Performing the initial setup

This section of the guide is to allow swift set up and use of the unit. Please refer to the main part of the User Guide for full information on use of the unit.

Please follow the steps detailed below:

1. Unpack unit and place in desired location.
2. Take the power lead from the accessories bag then connect the power lead into the screen (see Figure 2 Inputs Overview) and into a mains outlet. The unit will power on automatically (if it doesn't please ensure the 'AC Switch' is in the on position).
3. Make sure the files you wish to play are supported by the unit as shown in the Supported Media Files table (Section 3.0)
4. On a PC/Laptop copy the files you want to play onto an empty USB drive. These should be in the root directory (without putting them into a folder). Remove the USB from the PC once copied over.
5. Insert the USB drive into the USB port located on the bottom of the unit (see Figure 1 Position of USB port).
6. The screen should indicate that it is copying the files onto the unit (see Copying Files from a USB Drive (section 4.0) for more information). Once completed, the screen will display a message to remove the USB drive.
7. Remove the USB drive and the unit will play the stored files on a loop.

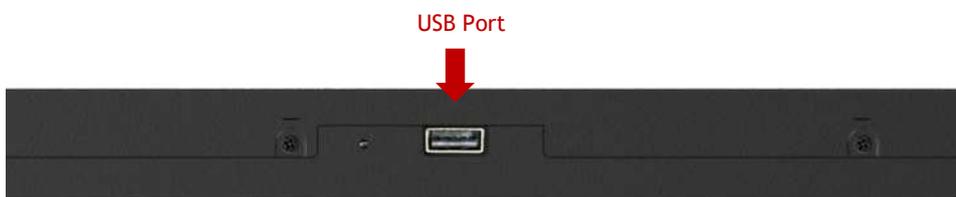


Figure 1 Position of USB port

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# 1. Introduction

We would like to extend our congratulations on your recent purchase of our product. Before using it for the first time, we kindly request you to read the manual thoroughly and follow all provided instructions.

To ensure the proper functioning and longevity of the product, please take note of the following guidelines:

Avoid exposing the product to liquids in the form of dripping or splashing. It is essential to keep the product away from any objects that contain liquids, such as vases.

**Attention:**

Please refrain from making unnecessary changes to the default settings.

During both installation and use, it is crucial to keep the product away from water sources.

## 1.1 Box Contents

- 1 × Shelf Edge Display
- 1 × Power Adapter (with interchangeable European/British plugs)
- 1 × Remote Control (with 2 × AAA Batteries)
- 1 × Mounting Hole Template
- 2 × Mounting Tape
- 1 × Screw Kit (with 2 × M4\*8 screws, 2 × washers)
- 1 × Desiccant
- 1 × Installation Manual
- 2 × QR Code for User Manual





*Figure 2 Inputs Overview*



## 1.2 Remote Control

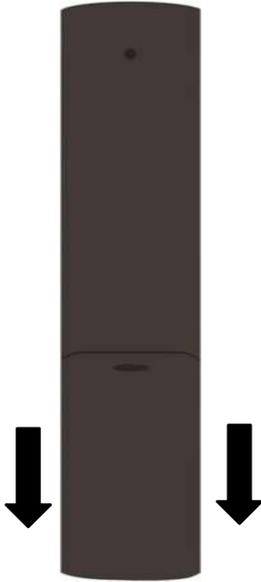
Illustration	Icon	Definition
		Power on/off
		Display the screens menu
		Input/Channel
		Navigation and selection button
		Digital Signage setup menu
		Exit
		Stop the current playlist
		Mute the volume
		Previous/Next Content
		Volume Increase/Decrease

Figure 3 Remote Control Overview

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## 1.3 Replacing the Remote Control

1. Slide the battery cover off.



*Figure 4 Changing Batteries*

2. Remove the used batteries.

3. Insert the two new AAA batteries with their terminals corresponding to the indicators.

4. Put the cover back on.



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## 2. Digital Signage Player Application

### 2.1 Home Screen

The Home Screen has different areas which provide information about the screen status.



**Please note:** Press the **Stop Button** (■) on the remote control to go to the Home Screen if there's content currently playing.

#### 2.1.1 Local Date and Time

The Local Date and Time displays the local date and time of the screen. This can be changed if required as shown in the **Time & Date** settings.



#### 2.1.2 Local Storage

The Local Storage displays information about the screen such as the hard drive capacity and software versions installed on the screen.



#### 2.1.3 Network Status

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The **Network Address** displays information such as if the screen is connected to a **Local/Wireless Network** and if it's communicating with our **Server**.



If you aren't able to get connected please see our [FAQ](#) to check why the screen isn't connecting to your network.

## 2.2 Setup Menu

From the **Home Screen** you can bring up the Main Menu by pressing the '**SETUP**' button on the remote control. The main **Setup Menu** includes the following sub-menus: **Work Mode**, **Orientation**, **Time & Date**, **Machine I.D**, **Exit**. There will also be a **Wi-Fi Settings** sub menu if the **Work Mode** is set to Wi-Fi.



Press the **Left**(◀) and **Right**(▶) navigation button on the remote control to navigate to the correct main-menu. Press the **Play/Pause Button** (OK) to confirm the selection.

Press the **Down**(▼) navigation button to the sub-menu. Press the **Play/Pause Button** (OK) to confirm the selection.

To get back to the main-menu press the **Up** (▲) navigation button on the remote control.

## 2.3 Main Settings

### 2.3.1 Work Mode

Selecting a **Work Mode** option will change the screen to the desired way of displaying content. For example, changing the **Work**

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**Mode to USB** will allow a USB drive to be placed into one of the USB ports on the screen (see **Figure 2 Inputs Overview**) that will copy over any video or images on the USB drive. See **Copying Files from a USB Drive** for more information. (Copying Files from a USB Drive).

The available **Work Mode** options are:

- USB - To be used as Plug and Play with a USB drive.
- Wi-Fi - Connect the screen to a Wi-Fi connection to be used with My Signage Portal.
- LAN - Connect the screen to a local network by ethernet cable to be used with My Signage Portal.
- Mobile - Connect the screen to a 3G/4G network with a mobile broadband enabled sim card to be used with My Signage Portal.



### 2.3.2 Orientation

In this sub-menu you can set the screens orientation so you can display your content in the correct orientation. There are 2 orientation options:

- 0° - Displays in landscape with the ports on the bottom of the unit.
- 180° - Displays in landscape with the ports on the top of the unit.



### 2.3.3 Time & Date

On this menu you can set the **Date**, **Time**, **Time Zone**, enable **Sync Time on Startup**, apply **Daylight Savings Time** and lastly select the **Sync Time Now** option to sync the date and time with the [My Signage Portal](#) server.



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If you wish to change the date or time, highlight and select one of these options with the remote control and a new popup will appear, allowing you to set your desired values by using the on screen '+' and '-' icons.



### 2.3.4 Machine Number

The **Machine Number** is the unique Licence Number that's associated with every owned screen. **Please do not change this unless asked otherwise by the Technical Support team as it may prevent you from sending content to the screen remotely.**



### 2.3.5 Wi-Fi Settings

If the product was purchased as Networked with Wi-Fi you can connect to a hotspot here. Start by navigating down the list until you see the hotspot you wish to connect to and press the **Play/Pause Button (OK)** on the remote control.

This will bring up a new menu allowing you to enter the hotspot details including the password.



For more information on connecting to a network please see our [FAQ](#).

### 2.3.6 Exit

Selecting the '**Exit**' button will exit the **Setup Menu**. If you have made any changes the system will ask to if you want to reboot the screen so that the changes can take effect, select '**Yes**' to proceed.



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## 2.4 Advanced Settings

The Advanced Settings tab opens up advanced options including **System Settings**, **Power On/Off** timer(s), **Timer Strategy** timers, **Network Settings** and a **File Management** area.

### 2.4.1 System Settings

In this area there are various settings used to further customise the screen to your liking such changing the **Display Language**, adding a **Real Time Clock** to the screen, accessing the **Play Log**, accessing the **Sync Settings**, the **Webview Settings** and the option to **Restore the screen to Factory Settings**. This also includes enabling or disabling the use of the **USB ports**, the **Auto Start** function and the **Standby** function.

#### Display Language



Change the display language of the **Setup Menu** and **Homepage**.

#### Real Time Clock

This setting allows you to display an overlay clock while content is playing. There are 5 options available:



- **Close:** The screen doesn't display time (default).
  - **Top Left:** The time will be displayed on top left of the screen.
  - **Top Right:** The time will be displayed on top right of the screen.
  - **Bottom Left:** The time will be displayed on bottom left of the screen.
  - **Bottom Right:** The time will be displayed on bottom right of the screen.
-

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## USB



Enable or disable the **USB** ports on the screen.

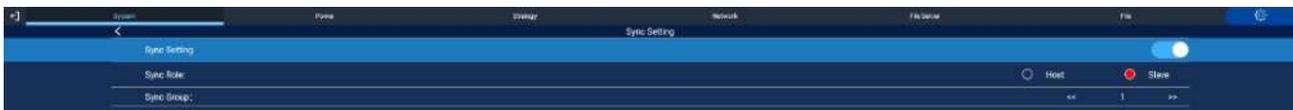
**i Please note:** *This will disable the use of copying files from a USB stick to the screen.*

## Scrolling Text Settings

Enable or disable the **Scrolling Text** that can be accessed with software to create more customisable playlists when using **Plug and Play Work Mode**.

**i Please note:** *This can only be used with a Windows PC.*

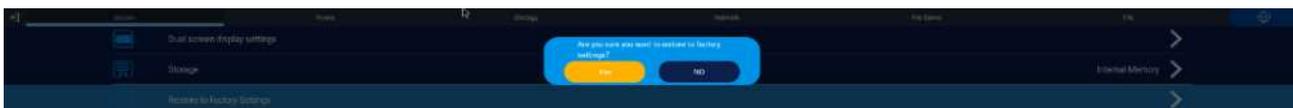
## Sync Settings



Here you are able to setup the sync options for the screen if you are planning on synchronizing multiple screens together through our Content Manage System, [My Signage Portal](#). For information on this please see [How do I set up synchronisation on my screens?](#) (section 5.3)

## Restore to Factory Settings

If you believe something may have gone wrong or you wish for the screen to be back to the factory default, you are able to do that by formatting the application through this setting.



## Auto Start

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Enable or disable to **Digital Signage Player** application auto starting when the screen is booted up. Disable this if you wish to use an alternative 3<sup>rd</sup> party application.

## 2.4.2 Power On/Off

Here is where you can set up an automatic on/off timer for the screen should you want it to power on and off automatically at designated times and days. If you do not wish to set on/off times for your screen please set the 'Control Mode' to 'Manual'.



There are two **Setting Modes** - 'Daily', allowing you to set the same on/off times for every day of the week or 'Weekly', allowing you to set individual on/off times for each day of the week.



To activate the on/off timer set the 'Control Mode' to 'Timer' by using the arrow keys on the remote control and pressing the **Play/Pause Button (OK)**. Next set the 'Setting Mode' to either 'Daily' or 'Weekly'. Finally navigate over to the individual timer(s) and set the on and off times. If you only wish to set one on/off timer use the first timer labelled '1'.

## 2.4.3 Timer Strategy

This setting allows you to schedule your screen to play at different volumes and switch to different AV inputs at different times of the day.



### Volume Timer

To enable this feature, first enable the switch (blue). New fields will now appear allowing you to set a default volume level as well as timer fields for setting different volume levels for different periods of the day.

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Navigate to a timer field and press the **Play/Pause Button (OK)** on your remote control. Activate the timer, set a volume level and also a start and end time. Press the 'Save' button to save changes.

## 2.4.4 Network Settings

In this area you are able to setup and change various Network Settings such as the **Server Configuration** and **IP Method**. It will also display the physical **MAC Address** of the screen.



## 2.4.5 File Management

This area provides information about the file system such as the **Total Capacity**, **Used Capacity** and the **Spare Capacity** (free space). If you need to format the internal hard drive you can achieve this by selecting the 'Format' button.



**Please note:** *This will erase all media content stored on the hard drive.*

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## 3.Supported Media Files

Video	
Container	MP4, AVI
Codec	H.264, H.265, VP9
Width	1920
Height	158
Audio	AAC or MP3

Image	
Container	JPEG
Compression	Baseline
Colour Mode	RGB
Width	1920
Height	158
Maximum DPI	83

This unit does not support WMV or FLV video file types.

Please note: Video and image files should be a maximum of 1920 x 158 resolution for Landscape orientated screens.



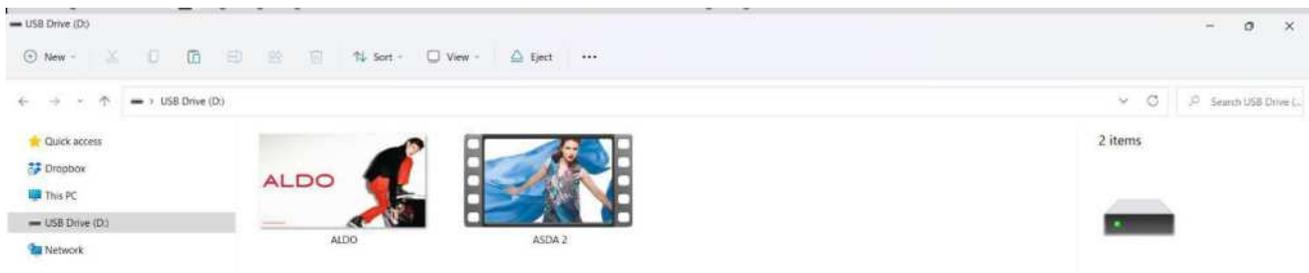
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## 4. Copying Files from a USB Drive

If the **Work Mode** is set to **USB** (default with Plug and Play purchased screens) you can copy files directly from a USB drive onto the screen to play the content on a loop. Make sure to reference the **Supported Media Files** table (Section 3.0) for the correct formats and resolution of the content.

### Step 1

Copy the files you want to play on the screen on to the **USB Drive** in the root directory. Do not put the files into folders, they must be in the main root directory.



**Please note:** It is recommended to use a USB drive that is **less than 16GB** for the display screen to recognise the USB drive format (FAT32 format). This is usually the default format on USB drives less than 16GB.

### Step 2

Insert the USB drive into the USB port (see **Figure 1 Position of USB ports**).

### Step 3

The files on the USB drive will then be copied to the internal storage on the screen.

### Step 4

Remove the USB drive.



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**Step 5**

The content on the USB drive will now play on the screen. If the content isn't playing or didn't copy over, please make sure to check the **Supported Media Files** table (Section 3.0).



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## 5.F.A.Qs and Troubleshooting Guide

### 5.1 How do I change the Work Mode to Wi-Fi so I can connect to my Wi-Fi network?

#### Step 1

Press the Stop Button (**STOP**) on the remote control to stop the currently playing content on the screen.



#### Step 2

Press the **SETUP** Button on the remote control to bring up the **Setup Menu**.

#### Step 3

Whilst on the default menu, 'Work Mode', navigate over to the right side of the display using the arrows keys on the remote control and press the Play/Pause Button (**OK**) on the 'Wi-Fi' option.



Navigate over to and select the 'Exit' button at the bottom left of the display.

#### Step 5

Press 'Yes' to save the settings and reboot the screen into **WI-FI Work Mode**.



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## 5.2 How do I connect to a Wi-Fi Hotspot?

### Step 1

Press the **Stop Button (STOP)** on the remote control to stop the currently playing content on the screen.



### Step 2

Press the **SETUP Button** on the remote control to bring up the **Setup Menu**.

Navigate to 'Wi-Fi Settings' and select this option with the **Play/Pause Button (OK)**.



### Step 4

Navigate to the WI-FI Network you wish to connect to and press **Play/Pause Button (OK)**.

### Step 5

Whilst the cursor is on the white box press the **Play/Pause Button (OK)** to bring up the On-Screen Keyboard.



### Step 6

Type in the networks password and select the 'back' button on the keyboard when finished.

### Step 7

Navigate over to and select 'Connect' with the **Play/Pause Button (OK)**.

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### Step 8

Select the 'Exit' button to go back to the **Homepage**.

Check that the network is showing two ticks. If this is showing any crosses make sure to check you have entered your Wi-Fi password correctly and see our [FAQ](#) for more help.



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## 5.3 How do I set up synchronization on my screens?

### Step 1

Press the **Stop Button (STOP)** on the remote control to stop the currently playing content on the screen.



### Step 2

Press the **'SETUP'** button on the remote control to bring up the Setup Menu then select the **'Advanced'** option by navigating over to the Icon using the arrow keys on the remote control and pressing the **Play/Pause Button (OK)**.

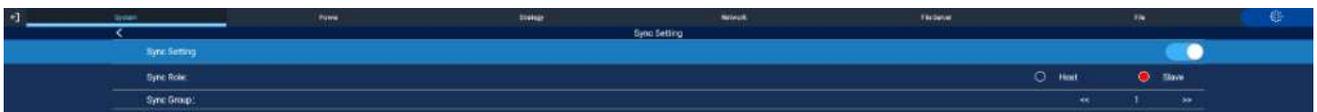


### Step 3

Navigate over to **'Sync Setting'** and select this with the **Play/Pause Button (OK)**.

### Step 4

Turn the switch on to access the sync features.



### Step 5

For the **'Sync Role'** option one of the screens **must** be a **'Host'** so that the other screens follow this one in sequence. For the other screens, you will only need to turn the switch on and leave them as a **'Slave'**.

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**Please note:** *There must always be one 'Host' screen otherwise the screens will not sync.*

## Step 6

Back out of this menu using the **Back Button** (⏪) on the remote control and exit out the menu by selecting 'Exit' on the top left of the menu.

## Optional

The '**Sync Group**' can be changed to a different number if you have more than one set of screens connecting to the same network and you wish for them to synchronise separately from each other. In this case you would change all of those specific screens to **Sync Group 2**.



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## 5.4 Video Format Conversion

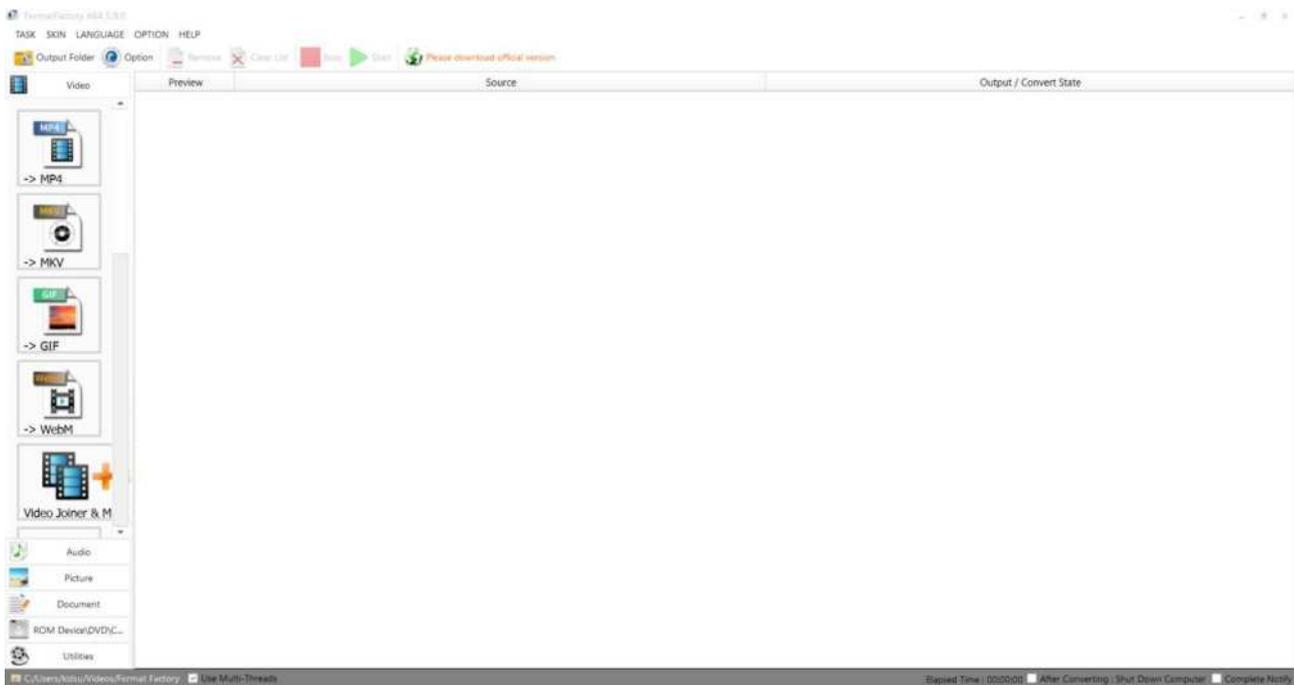
If the video file is not playing properly on the screen or it does not meet the requirements of the **Supported Media Files** table (Section 3.0), please use the following free **Video Converter** tool, **Format Factory**.

### Step 1

Download and install the free **Video Converter** software for Windows Vista/7/8/10/11 named **Format Factory**. <https://format-factory.en.softonic.com/>

### Step 2

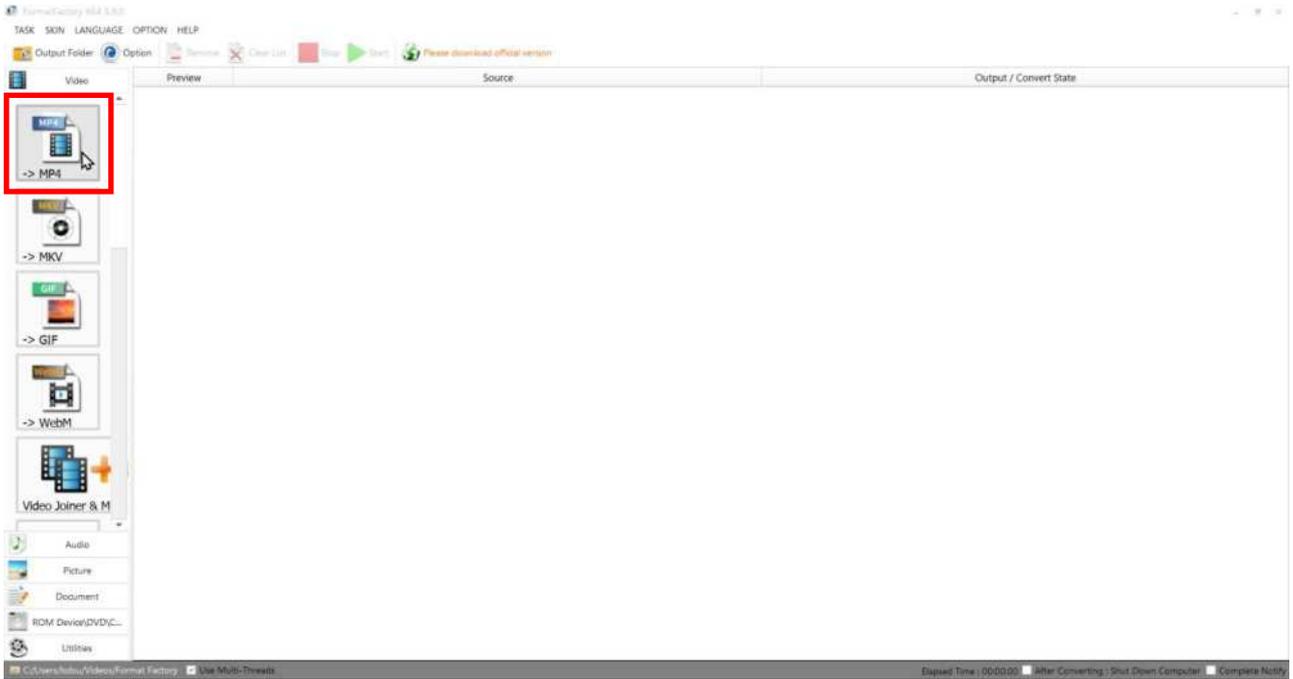
Open the **Format Factory** software once installed.



### Step 3

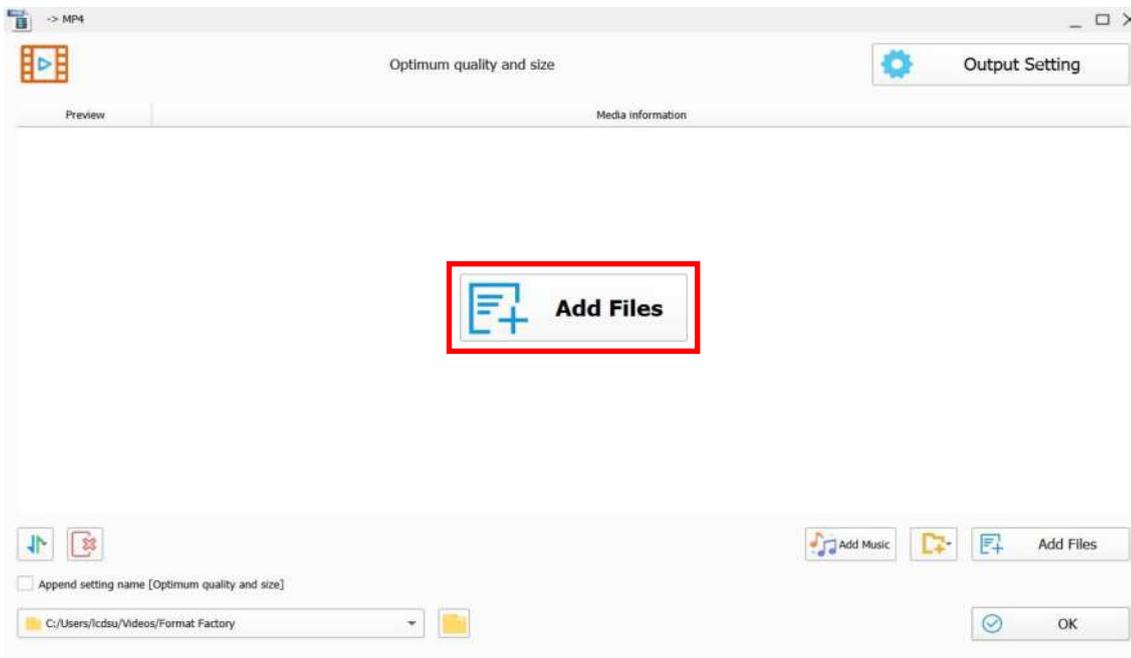
On the left-hand window pane select '**MP4**'.

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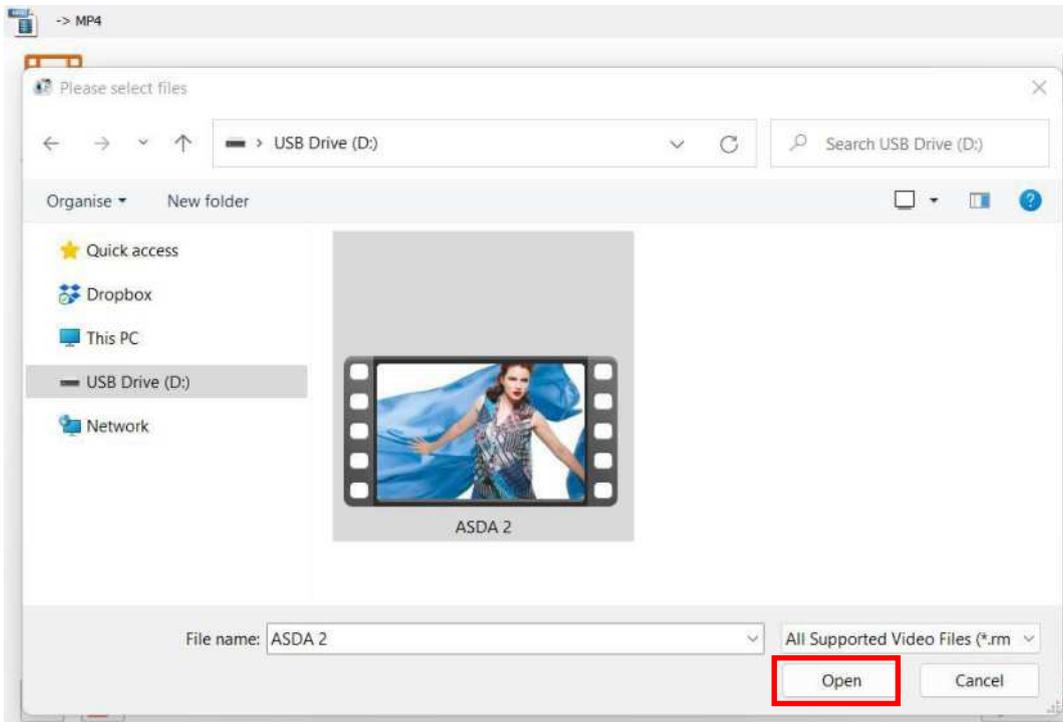
#### Step 4

Select the 'Add Files'.



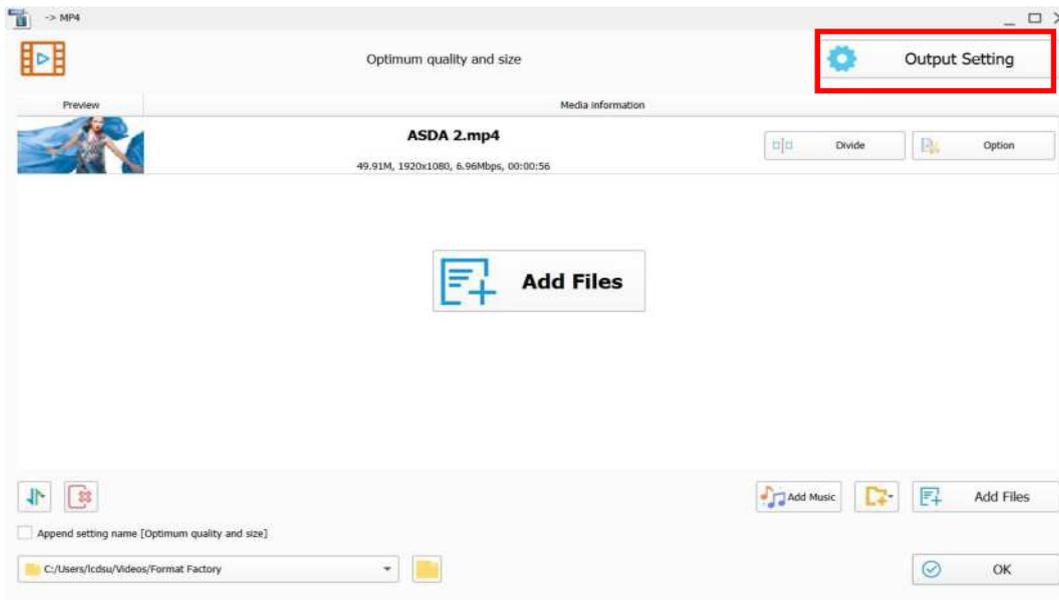
#### Step 5

Select the file you wish to convert and press 'Open'.



## Step 6

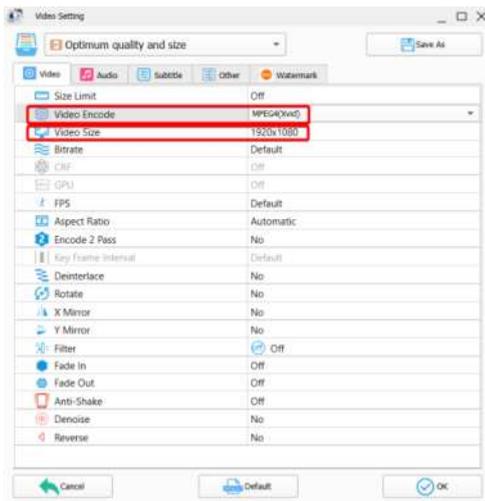
Click 'Output Setting'.



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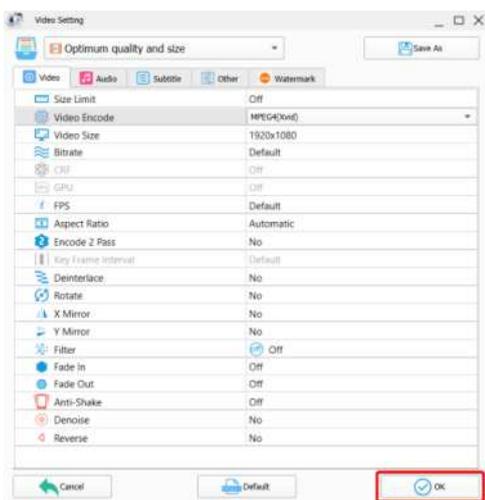
### Step 7

Make sure the 'Video Encode' is set as 'MPEG(Xvid)' for the best quality and to change the 'Video Size' to the recommended resolution is as shown on the **Supported Media Files** table (Section 3.0). For example, for a **Landscape** video this will need to be **1920 x 158**.



### Step 8

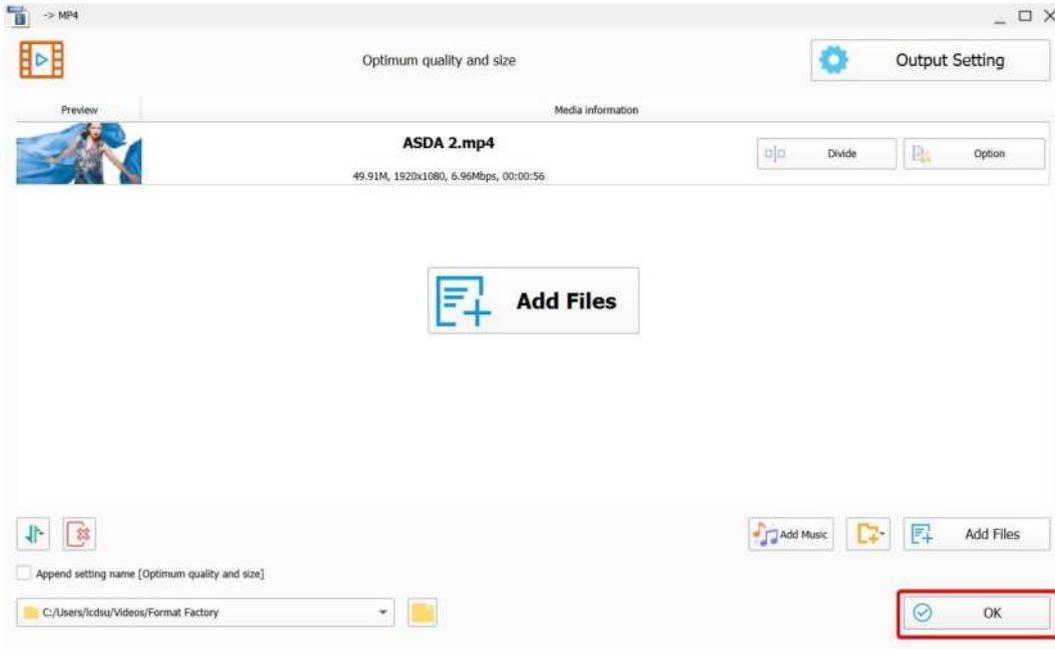
Select the 'OK' button once you are happy with this.



### Step 9

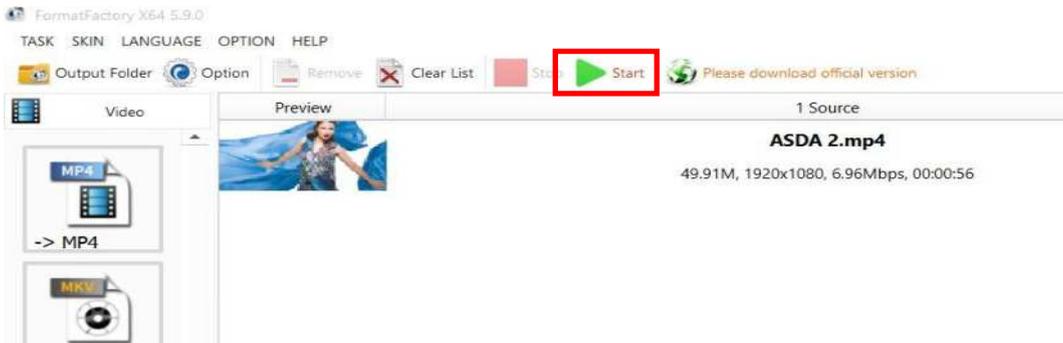
Select the 'OK' button again.

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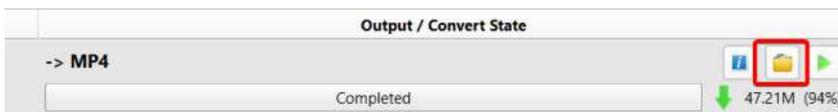
### Step 10

Select the 'Start' button to begin the conversion process.



### Step 11

Once the process is finished, select the folder icon to find your new converted video file.



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## 5.5 My media file does not fit properly on the screen.

If your media is being displayed with black edges please refer to the **Supported Media Files** table (Section 3.0). This has happened because the file does not have a aspect ratio (1920x158). Please resize file to 1920x158 pixels and try loading the media onto the display once again.

## 5.6 My media file will not display or is missing from the playlist.

In this situation the first step to take is to start with a blank USB drive. Copy one supported picture file (see **Supported Media Files** table (Section 3.0) onto the blank USB drive and insert this into the unit. If this works there are most likely one or more unsupported files or folders on your original playlist.

In this case please check first that the media file is the correct size to fit the screen -**1920x158** pixels. If it is any bigger than this it is likely the media file will not display.

## 5.7 My media files will not update.

If you are having problems updating your display follow these steps to ensure it is not a technical issue.

- 1) Ensure that there are no additional unsupported files or folders stored on the USB drive.
- 2) Make sure the USB drive is firmly inserted into USB slot
- 3) Before contacting your supplier try another USB drive to be certain this is not the fault.

See section **Supported Media Files** table (Section 3.0) for more information.

## 5.8 How should I maintain and clean my screen?

When you begin to observe the presence of dust, fingerprints, or smears on your screen, it is advisable to perform a cleaning.

- 1) Unplug or turn off your screen before you begin. Turning your screen off is safer, and you can see more dirt and smudges when the screen is unplugged. Plus, this gives your screen a chance to cool down, which will help you clean it better.





- 2) Clean the body or panel of your screen with a microfibre cloth dampened with a small amount of screen cleaning product. Please do so in a circular motion to clean off any dust or debris.
- 3) Once the screen is clean, remove any moisture using a dry cloth.



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## 6. Other Information

### Decreasing power consumption

When you turn off the screen, it enters Standby mode, which still consumes a small amount of power. To minimize power consumption, it is recommended to unplug the power cord when the screen will not be used for an extended period.

### Disposal

Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in countries with separate collection systems) This marking on the product, accessories or literature indicates that the product and its electronic accessories should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal



### Warnings

Image retention, commonly known as screen burn-in, can occur on most types of LCD panels if the same image is displayed continuously. The most common causes of image retention are logos that remain stationary on the LCD panel. To reduce this risk, avoid displaying still images for long durations and lower the brightness settings to decrease the intensity of the picture. Extended viewing of art in aspect ratios that are different from the aspect ratio of the panel may cause image retention. Always try to avoid black borders at the top or bottom by using correct image/video resolution. This will help eliminate the black borders and fit the picture to the entire area of the screen.

