

Hardware Guide

JTouch 50 Series



***InFocus* Hardware Guide** **JTouch 50 &55** **Series**

1 — Last update: 18 February 2024

InFocus

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JTOUCH 50 & 55 SERIES HARDWARE GUIDE

| Model Number | Regulatory Model |
|------------------------------------|------------------------|
| INF6550, INF7550, INF8650, INF9850 | D110, D111, D112, D113 |
| INF6555, INF7555, INF8655, INF9855 | D110, D111, D112, D113 |

1. ABOUT THIS GUIDE

1.1 DESCRIPTION OF THE USER

This document is intended for anyone who will install, setup, or use the product.

1.2 CONVENTIONS USED IN THIS GUIDE

The following style conventions are used in this document:

Bold

- Names of product elements, commands, options, and programs
- Names of interface elements (such windows, dialog boxes, buttons, fields, and menus)
- Interface elements the user selects, clicks, taps, or types

Italic

- Publication titles
- Emphasis (for example, a new term)

1.3 EXPLANATION OF SAFETY WARNINGS



WARNING

“WARNING” indicates a hazard with a medium to high level of risk which, could result in death or serious injury.



ATTENTION

“ATTENTION” indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.



INFORMATION

“INFORMATION” Indicates information considered important, but not hazard-related.

1.4 RETAINING INSTRUCTIONS

Keep all safety information and instructions for future reference and pass them on to subsequent users of the product.



WARNING

Ensure that each person who uses the product has read and understood this guide and its safety instructions before using this product. Failure to do so can result in serious injury or death.



ATTENTION

Follow all the instructions. This will avoid fire, explosions, electric shocks or other hazards that may result in damage to property and/or severe or fatal injuries.



INFORMATION

The manufacturer is not liable for cases of material damage or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be voided.

1.5 OBTAINING DOCUMENTATION AND INFORMATION

The latest version of the documentation is available [Here](#) under the downloads section of the page.

1.6 DOCUMENTATION FEEDBACK

If you are reading InFocus product documentation on the internet, any comments can be submitted [Here](#). We appreciate your comments.

1.7 SUPPORT AND SERVICE

Please contact the InFocus support team in your region for technical and product support. Alternatively, you may contact your local distributor if you are in Asia or Australia.

Americas

Monday – Friday

6am – 5pm PST

+1 877-388-8360

support@infocus.com

infocus.com/support/contact

Europe, Middle East & Africa

Monday – Friday

8am – 5pm CET

eusupport@infocus.com

infocus.com/support/contact

Asia Pacific

Monday – Friday

8am – 5pm ICT

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infocus.com/support/contact

Australia

Monday – Friday

8am – 5pm AEST

support@infocus.com

infocus.com/support/contact

2. PRODUCT DESCRIPTION

The JTouch 10, 50 and 55 series of interactive 4K displays are multi-functional devices that integrate interactive collaboration, digital presentation, multimedia presentation, and touch operation. Each device includes various software solutions to enhance the device's usability and run on Android 9 (JTouch 50 Series) and Android 11 (JTouch 10 and 55 Series). All products can be further enhanced by incorporating an optional OPS/PC module to run Windows alongside Android.

Full details of the software included with your product as well as instructions on features of the Android operating system can be found in the JTouch 10, 50, 55 Series software guide.

2.1 FEATURES

This product uses an HD LED-backlit panel, IR and multi-touch technologies. Equipped with writing software, it is convenient, highly interactive, safe and environmentally friendly.

Interconnectivity

This product can connect to other devices. It allows wireless connection with PCs, tablets and mobile phones, realising wireless transmission of documents, the wireless push of videos and wireless screencast.

Extraordinary Display

This product uses a high-quality HD LCD panel featuring original display colour, vivid pictures, uniform display, no flickering, and quick response. You can enjoy HD pictures from different angles.

Accurate Touch Control

This product incorporates advanced touch technology featuring quick response, high positioning accuracy strong environmental adaptability, accurate operation, etc. No stylus is needed; you can operate with your hand by clicking, dragging and other actions.

Highly Interactive

This product is preinstalled with professional writing software. It provides multiple types of pens, drawing tools and other functions, and you can write and move the contents as you like.



INFORMATION

“INFORMATION” Not all features are available on all models.

2.2 INTENDED USE AND REASONABLY FORESEEABLE MISUSE

The product may only be used in accordance with the instructions described in this guide. Any use other than those described in this guide is considered non-intended use and will void the warranty.

The ambient operating environment should be free of airborne smoke, grease, oil, and other contaminants that can affect the operation or performance of the product.



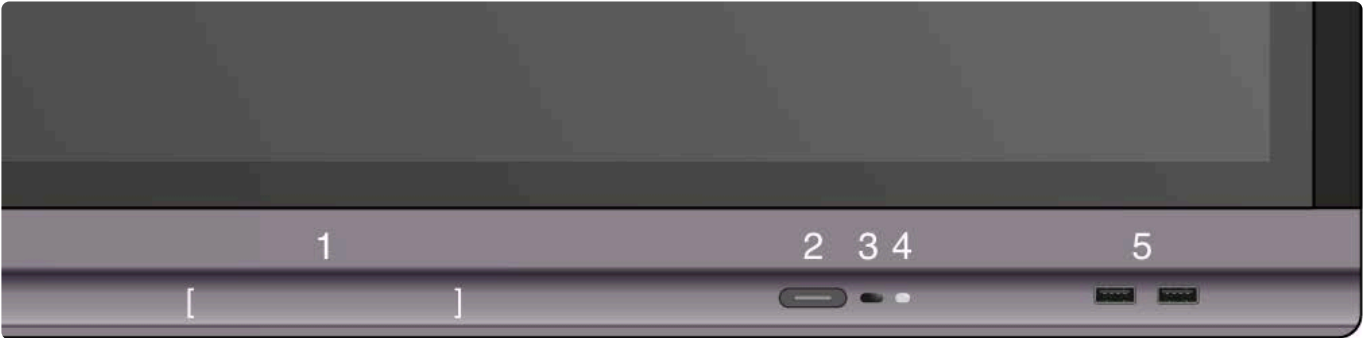
WARNING

Do not use the product near water or moisture. Do not expose the product to rain, steam or condensation to reduce the risk of fire or electric shock.

2.3 PRODUCT ELEMENTS

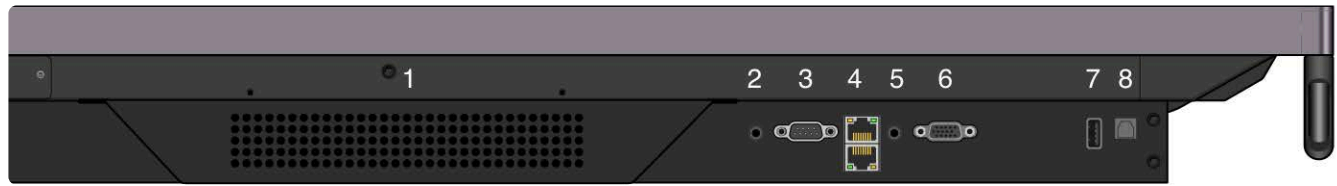
This section of the guide covers the inputs, outputs and other connectors that can be found on the display as well as the touch gestures used on the touch surface of the display.

2.3.1 FRONT CONNECTORS



| REFERENCE | DESCRIPTION |
|-----------|--|
| 1 | Magnetic zone: Area for placing the stylus |
| 2 | Power On/Off: Press to power on display. When display is on, press to power off or press and hold for 2 seconds to enter standby mode |
| 3 | Remote control signal receiver (max range of 8 meters) |
| 4 | Ambient light sensor |
| 5 | USB-A 3.0 ports |

2.3.2 BASE CONNECTORS



| REFERENCE | TYPE | DESCRIPTION |
|-----------|-----------------|---|
| 1 | Speaker | Audio output |
| 2 | Audio Out 3.5mm | 3.5mm cable connection for output of audio to external speakers |
| 3 | RS232 | Remote connection for control devices and switches |
| 4 | RJ45 | Network connection for control devices or internet |
| 5 | Audio In 3.5mm | 3.5mm cable connection for input of audio from external devices |
| 6 | VGA In | Analog video input |
| 7 | USB-A 2.0 | USB data connection (used mainly for service) |
| 8 | SPDIF | Digital Audio |



| REFERENCE | TYPE | DESCRIPTION |
|-----------|--------------|--|
| 1 | Speaker | Audio output |
| 2 | Power Switch | Main Power On/Off switch |
| 3 | Power Socket | Power stock for the input of the power cable |

2.3.3 SIDE CONNECTORS



| REFERENCE | TYPE | DESCRIPTION |
|-----------|-----------|--|
| 1 | OPS Bay | For placement of optional OPS PC unit |
| 2 | USB-C 3.1 | USB Type-C, support charging upto 65W, reverse touch control, data transmission, extension for audio and video output interface, etc. |
| 3 | USB 3.0 | USB 3.0 connect USB devices such as mobile hard disk, USB keyboard and mouse, USB drives, etc. |
| 4 | TOUCH | USB Touch signal output to the external computer |
| 5 | HDMI In | High-definition multimedia interface signal input, connect to devices with HDMI output interface (personal computer with HDMI output, set-top box, or another video device). |
| 6 | HDMI Out | High-definition multimedia interface signal output connect to devices with HDMI input. |



INFORMATION

“USB-C 3.1 Please charge those external devices with same or less rated charging power with the port. Do not attempt to charge laptops that require higher charging power than the rated power of the USB Type-C port..

2.3.4 TOUCH GESTURES

The following images detail the touch gestures used on this display.



Single Left



Single Right



Spread



Pinch



Swipe Up



Swipe Down

3. SAFETY

3.1 HOW TO USE THE PRODUCT SAFELY



WARNING

Read and understand this guide and its safety instructions before using this product. Failure to do so can result in serious injury.

3.1.1 VULNERABLE PEOPLE SAFETY INFORMATION

This device is not intended for use by persons (including children) with restricted physical, sensory or intellectual capability or lack of experience and/or knowledge.

The product complies with the safety standards for electromagnetic devices. Contact your physician prior to use if you have a pacemaker or other implanted device.

3.1.2 TECHNICAL LIFE SPAN

The technical lifespan of the product is five years under normal operating conditions.

3.1.3 INTENDED USE SAFETY INFORMATION

Use the product only for its intended use as described in this user guide.

Do not expose the product to temperatures above 104 °F / 40 °C or below 32 °F / 0 °C.

3.1.4 INSTALLATION SAFETY INFORMATION

Check the product for damage before installation. If there is any visible damage, do not connect the product and contact InFocus.

Do not install the product:

- Near heat sources such as radiators, heat registers, stoves, or other devices that produce heat
- Near water or in direct sunlight
- In an enclosure such as a book case or a cabinet that restricts air flow

3.1.5 ELECTRICAL SAFETY INFORMATION

Check for damage before connecting the power cable.

Only connect the product to a grounded socket with earth leakage protection using the provided power cable.

Immediately unplug the projector from the wall outlet:

- If it has been damaged
- If water or another substance enters the product
- If you smell smoke or other odours coming from the product
- During lightning storms
- When unused for long periods of time

3.1.6 MAINTENANCE SAFETY INFORMATION

Review the instructions in the [CLEANING](#) section before cleaning the product.

Disconnect the power supply before cleaning the product. Do not use abrasive cleaning cloths or chemicals.

3.1.7 SERVICE AND REPAIR SAFETY INFORMATION





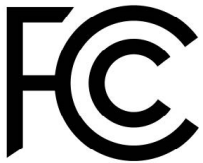


The product contains no user serviceable parts. Contact [InFocus](#) for service or repair.

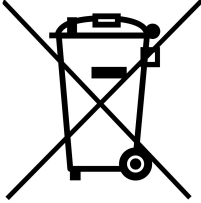


3.2 SAFE DISPOSAL

Follow the instructions in the [DISPOSAL](#) section in this user guide for safe disposal of the product

3.3 GRAPHICAL SYMBOLS

The following table describes the safety and regulatory symbols and marks on the packaging and product.

| SYMBOL | MEANING |
|---|---|
|  | The CCC mark on the product is the manufacturer's declaration that the product complies with the essential requirements for the relevant safety legislation of China. |
|  | The CE mark on the product is the manufacturer's declaration that the product complies with the essential requirements of the relevant European health, safety, and environmental protection legislation. |
|  | The cTUVus seal on a product is a seal of quality that confirms that the product has been tested by the German T V testing organization for use in the US and Canada. |
|  | The EAC mark on the product is the manufacturer's declaration that the product complies with the essential requirements of the relevant safety legislation of the Eurasian Economic Union (EAEU). |
|  | The FCC mark on the product is the manufacturer's declaration that the product's electromagnetic radiation is below the limits specified by the Federal Communication Commission (FCC). |
|  | The NOM mark on the product is the manufacturer's declaration that the product complies with the essential requirements of the relevant Mexican safety legislation. |
|  | The RoHS mark on the product is the manufacturer's declaration that the product complies with the essential requirements of the relevant European Union safety legislation. |

| | |
|--|--|
|   | <p>The Waste Electrical and Electronic Equipment (WEEE) symbol on the product, the accessories, or packaging indicates that this device shall not be treated as unsorted municipal waste, but shall be collected separately.</p> |
|  | <p>The certification scheme of the Bureau of Indian Standards (BIS) is mandatory for specific electronic products in India. The BIS mark on the product is the manufacturer's declaration that the product complies with the essential requirements of the relevant India safety legislation</p> |

4. UNPACKING AND INSTALLING

4.1 PACKAGING CONTENTS

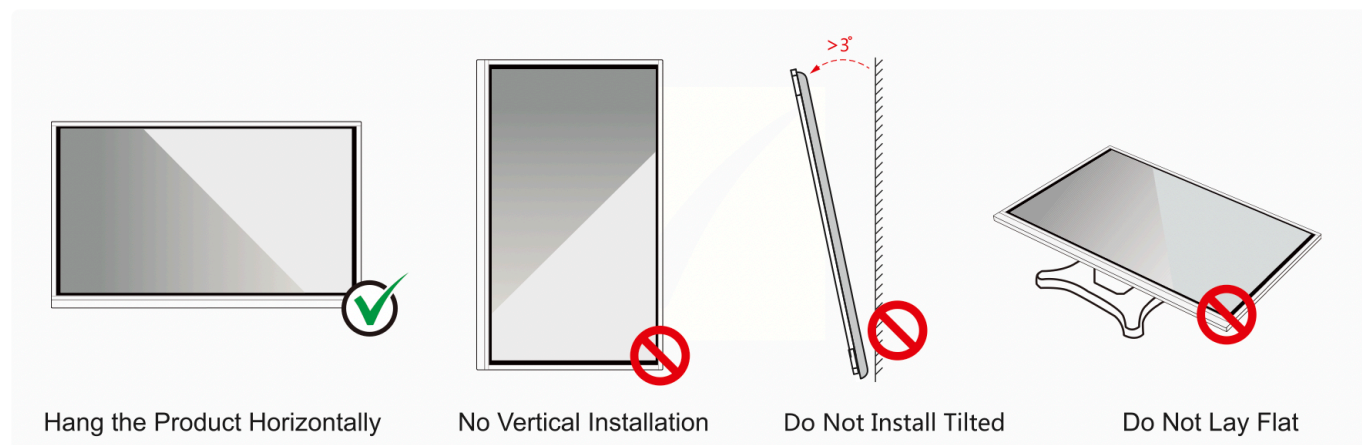
The product packaging will contain:

- Display
- WiFi Module
- Stylus (x2)
- Power cable
- HDMI cable
- Remote control (batteries not included)
- USB cable
- Simplified users guide

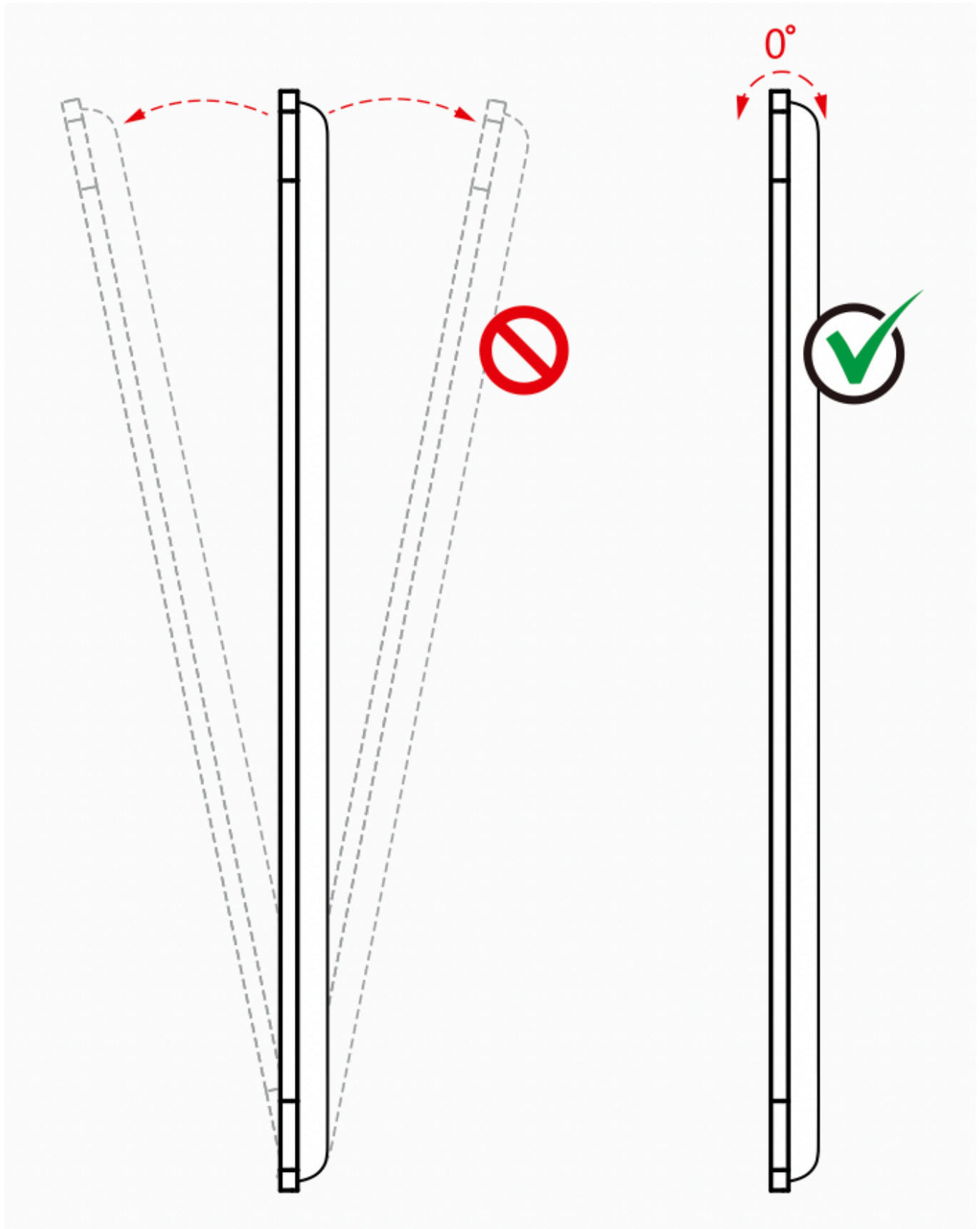
4.2 INSTALLATION ENVIRONMENT



4.2 INSTALLATION INSTRUCTIONS



4.3 INSTALLATION PRECAUTIONS



4.4 CLEARANCE

Good air circulation must be maintained when the Product is wall mounted or mounted within a cabinet or housing. The below distances from the mounted surface are required.

| LEFT | RIGHT | TOP | BOTTOM | REAR |
|----------|----------|----------|----------|----------|
| 100mm | 100mm | 200mm | 200mm | 100mm |
| 4 Inches | 4 Inches | 8 Inches | 8 Inches | 4 Inches |

5. SETTINGS

5.1 BASIC SETTINGS

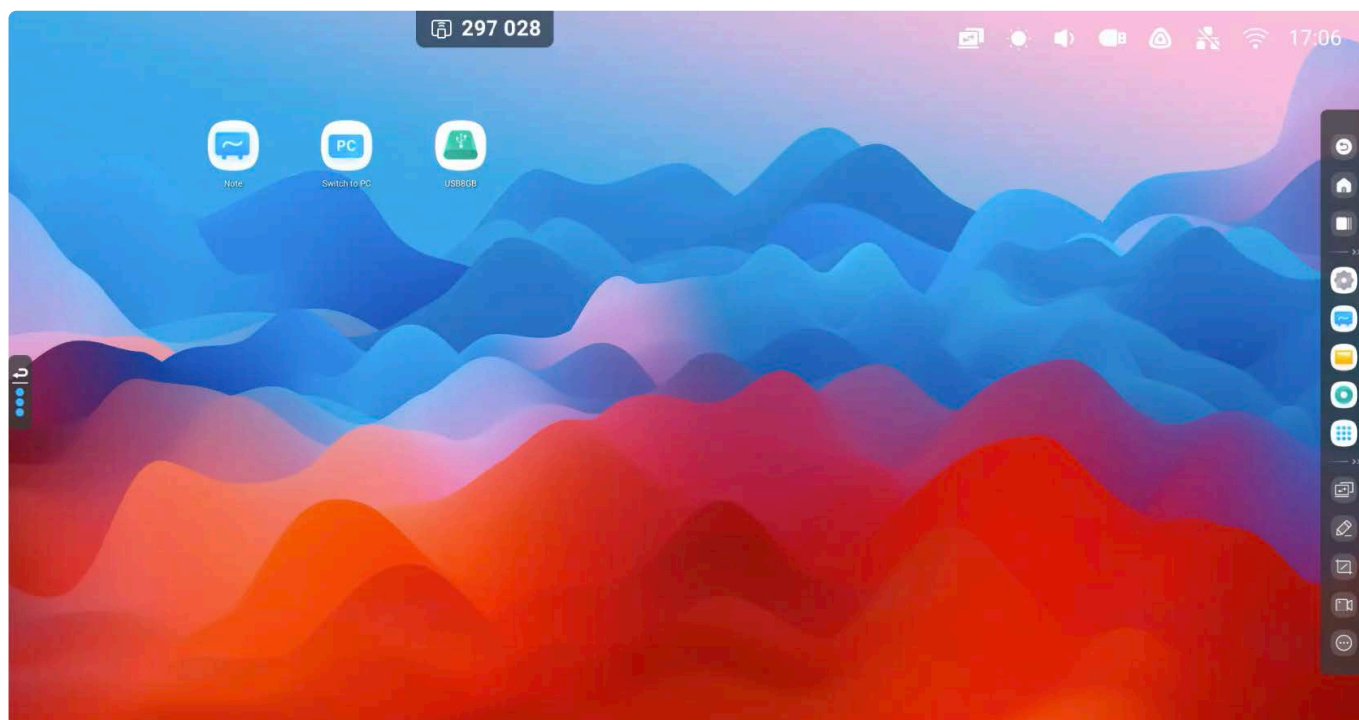
5.1.1 START UP AND SHUT DOWN

Use 100-240V AC as the power supply. and supplied power cable to connect to the power source. The power button on the panel and the remote control can be used to switch between power-on and standby states.

The main power switch on the rear panel has two options, press the “O” to power off the product; press the “I” end to power it on.

5.1.2 SIDEBAR

Press the sidebar button on either edge of the screen to open the menu. The sidebar gives access to the system settings, applications menu, browser, whiteboard and other applications and tools.



5.1.3 DISPLAY SHORTCUTS

The display has shortcuts for various menu options. These are located on the upper right-hand side of the display. These shortcuts can't be modified or removed.



5.1.4 PC MODULE

If the product is installed with the optional PC module and it is in the “PC” signal source, the PC module will start automatically. If not, start it manually by pressing the power button on the PC Module.

The power key on the panel or remote control can be used to turn off the display, the display will request confirmation to proceed.

Do not directly disconnect the power supply from the display without turning off the PC module as it can damage the PC module.



INFORMATION

The PC module is an optional purchase and does not ship as standard with the display.

5.1.5. SIGNAL SOURCE SWITCHING

You can use the remote control or touch function to switch the source by the following methods:

Method one:

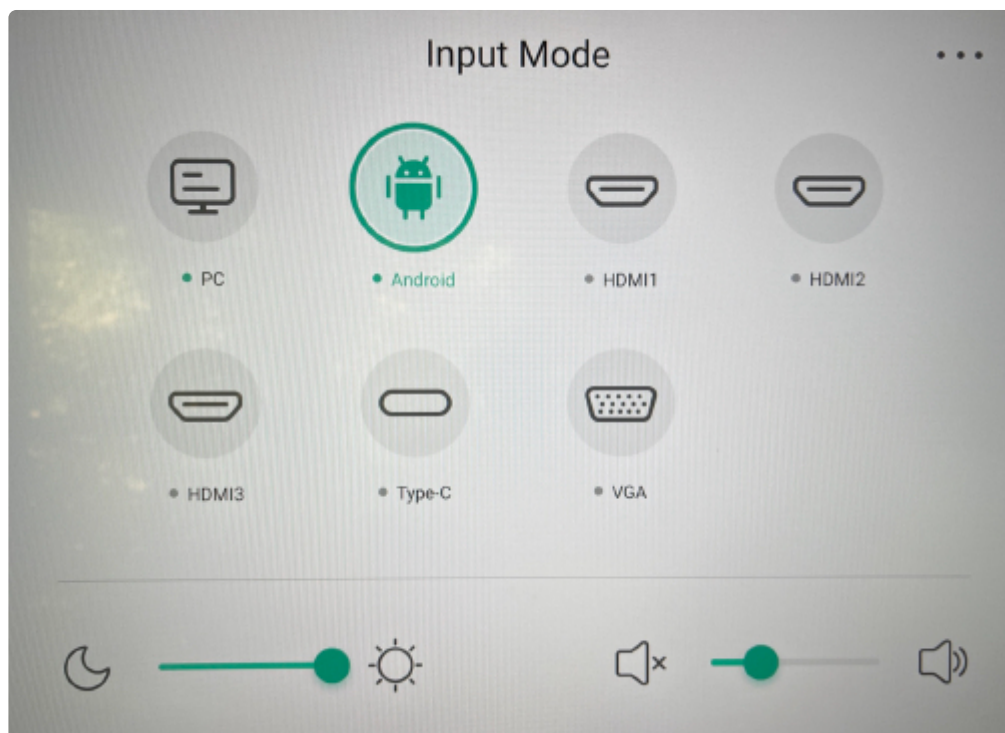
- Press the icon in the upper right side of the screen that looks like a laptop screen with arrows (fig.1)
- Select the signal source and then the product will switch to the input signal source you selected.

Method two:

- Press the “Input” key on the remote controller to open the “Input mode menu”
- Press the cursor keys on the remote control to select a signal source
- Press the “OK” key, and then the product will switch to the input signal source that you selected.

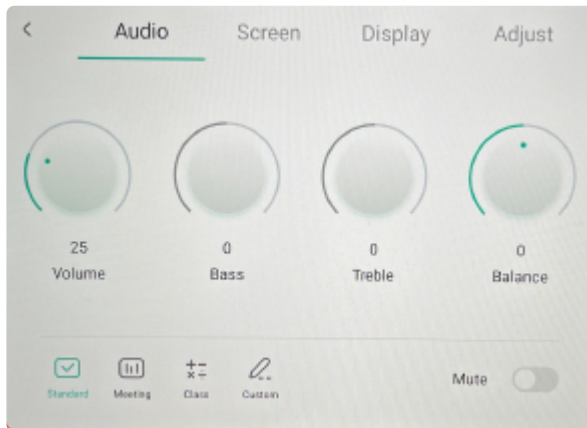
Method three:

- Swipe up from the bottom of the screen to open the “input” menu (see below image)
- Select the signal source and then the product will switch to the input signal source you selected.



5.1.6 AUDIO ADJUSTMENT

More specific audio adjustments are available using the advanced settings and can be adjusted for all source inputs



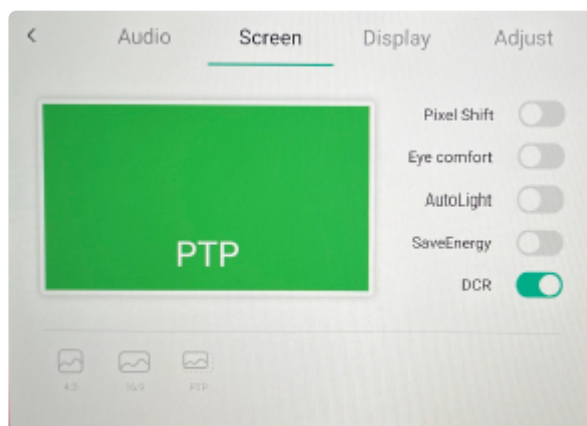
- Open the “input” menu by swiping upwards from the bottom of the screen.
- In the upper right corner of the window, press the icon with 3 dots or swipe from right to left on the window to scroll to the next page
- There are three pre-defined settings for the audio which have default settings. These can be selected at the bottom by pressing “Standard”, “Meeting” or “Class”. It will adjust the Bass, Treble and Balance automatically.
- If a custom option is required press the “custom” and then scroll the icons in a circular motion to adjust the various settings.
- A mute option is also available in this advanced screen

5.1.7 SCREEN ADJUSTMENT

The display provides advanced settings for energy savings, brightness adjustment, dynamic contrast and eye comfort. These settings are designed to reduce energy consumption and provide a greater user experience.

Each option can be manually switched on/off using the toggle switches on the right side of the image.

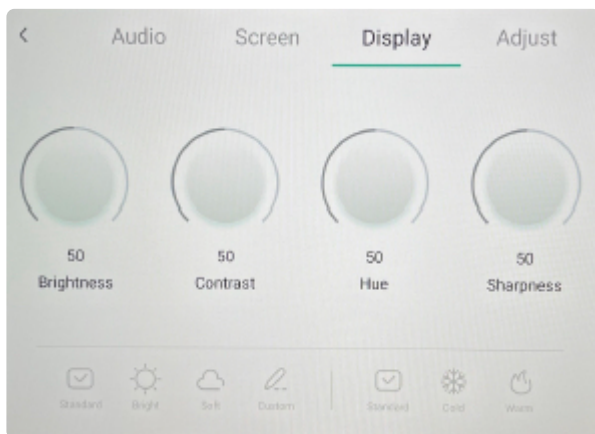
- **Pixel shift** is a function when the display is mostly used to display static content. This will adjust the pixels periodically to keep the system running smoothly.
- **Eye Comfort** will reduce the blue light from the screen
- **AutoLight** will use the light sensor on the front of the display to automatically adjust the brightness of the screen when the ambient light changes.
- **SaveEnergy** will use the light sensor and automatically save energy by switching to a black screen when necessary according to the external light situation.
- If the ambient light of the whole machine is lower than 10 for 60 seconds continuously, no matter what the situation, it will change the screen to a black screen and save energy
- When there is no signal channel, it will enter a black screen to save energy after sixty seconds, and then shut down after another two minutes (this is regardless of how the ambient light changes at this time).
- **DCR adjust** the contrast dynamically based on the content displayed on the screen.



5.1.8 DISPLAY ADJUSTMENT

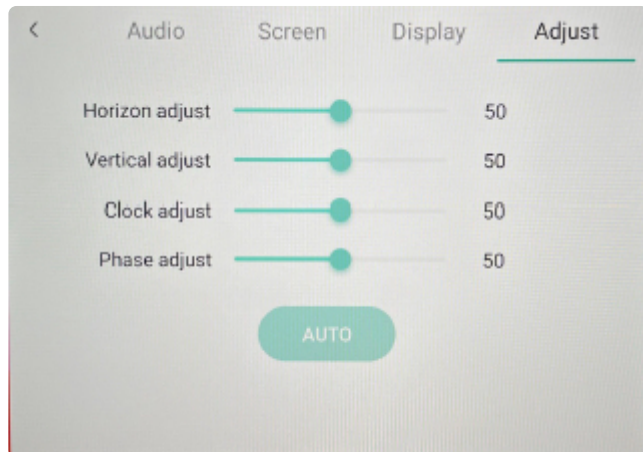
Note: Adjustments are only possible when not in the Android Source mode. Android has default settings that are not adjustable.

- Open the “input” menu by swiping upwards from the bottom of the screen
- In the upper right corner of the window, press the icon with 3 dots and then select “Display” from the headings or swipe from right to left on the window to scroll to the “Display” page
- There are three pre-defined settings for the display image which have default settings. These can be selected at the bottom by pressing “Standard”, “Bright” or “Soft”. It will adjust the Brightness, Contrast, Hue and Sharpness automatically.
- If a custom option is required press the “custom” and then scroll the icons in a circular motion to adjust the various settings.
- The colour gamut can also be set to one of the three options. Standard, Cold or Warm.



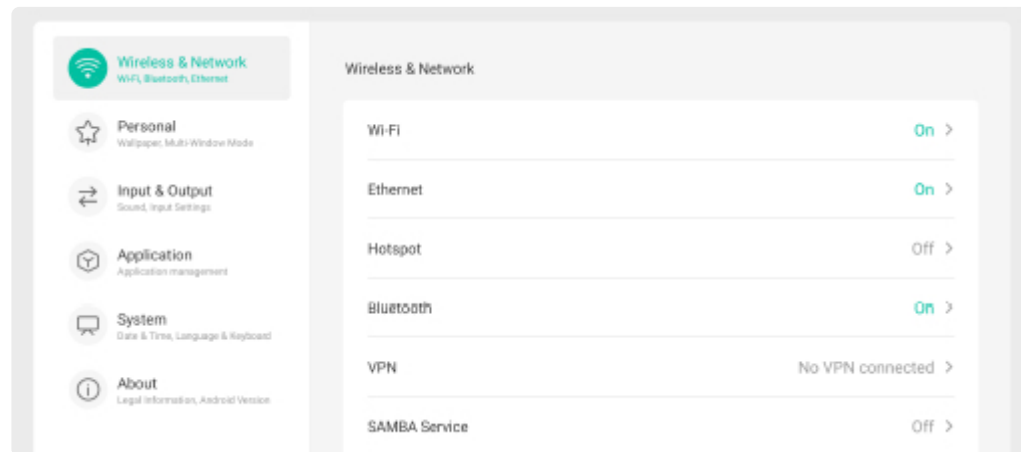
5.1.9 IMAGE ADJUSTMENTS

The advanced image adjustment allows for specific picture adjustment when source inputs are not showing correctly. Use the slider bars to adjust each setting and make fine adjustments to the image where required. The AUTO settings are available when not using the “Android OS” input source.



5.2 ADVANCED SETTINGS

All advanced settings are found in the “settings” application which is opened from the sidebar menu. Some of the settings may be opened using the shortcut icons as previously shown in “basic settings > display shortcuts.



5.2.1 WIRELESS

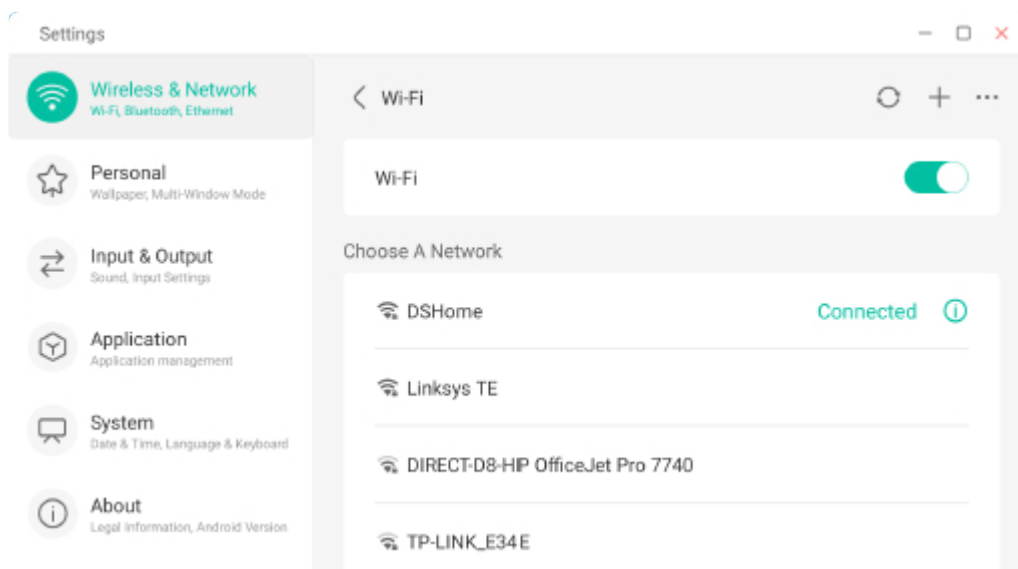
The display can be connected to a wireless and wired network.

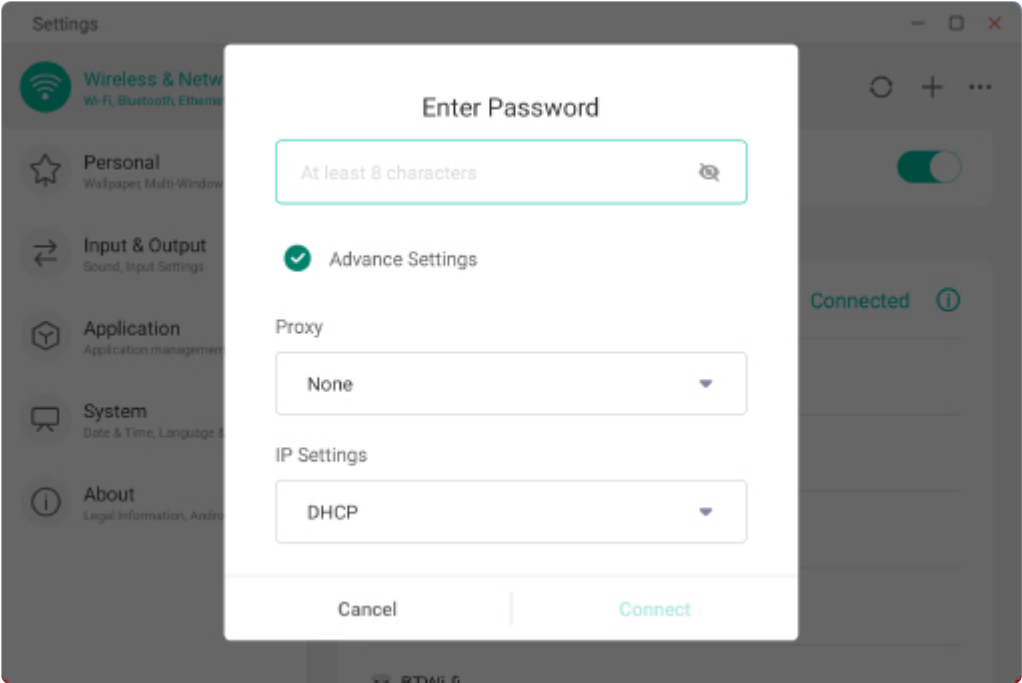
WIFI

- Enable the connection by selecting the WiFi option to open the sub-menu.
- Change the toggle switch on the right-hand side to switch on the connection. It will change to a green colour, see below image.
- Once the connection is on, the network device will search for local WiFi networks and these will appear below.
- Select the network of choice to open the password and Advanced details window.
- Enter the WiFi network password. See below image.
- If any additional security settings are required, select the “advanced Settings” option and scroll down on the page to display the Proxy and IP Settings options.
- The proxy details can be entered and would be provided by your IT administrator if required.
- If the display is to be assigned a “fixed” IP address, change the option from DHCP and complete the additional settings. These will be provided by your IT administrator.
- Once all settings are complete, press “Connect”

The WiFi will connect to the network and show as connected on the main WiFi page

The WiFi can be switched to another network by following the above steps and can be switched off by changing the toggle switch.





5.2.2 ETHERNET

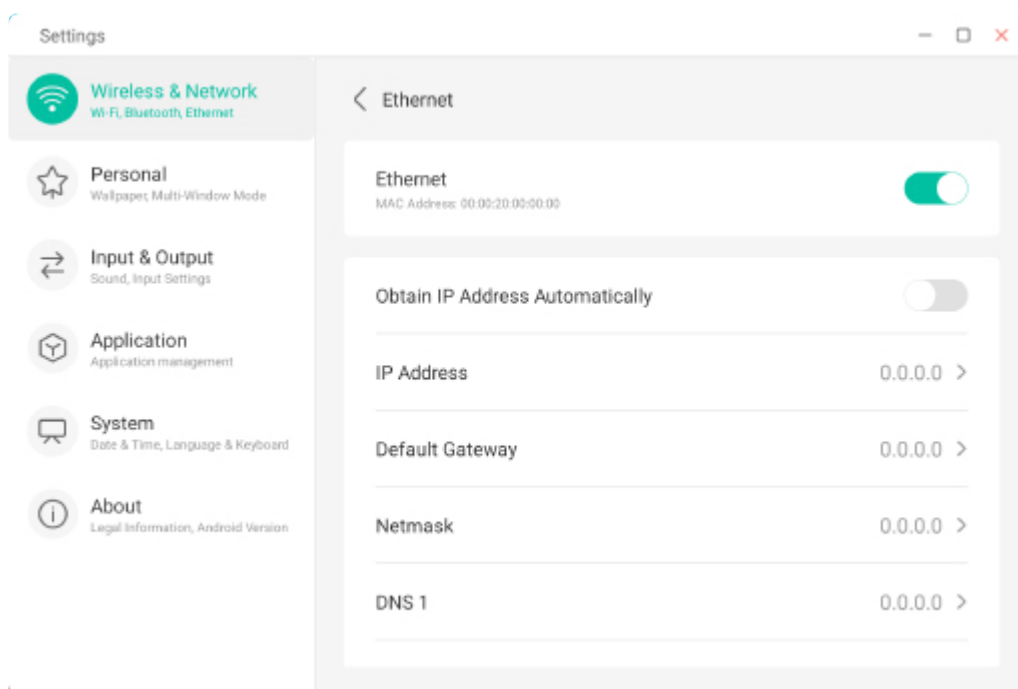


INFORMATION

Only available when a LAN cable(RJ45) is connected to the display.

- Enable the connection by selecting the Ethernet option to open the sub-menu.
- Change the toggle switch on the right-hand side to switch on the connection. It will change to a green colour. (ethernet fig 1)
- The display will automatically search for a network and provide an IP address to the display.

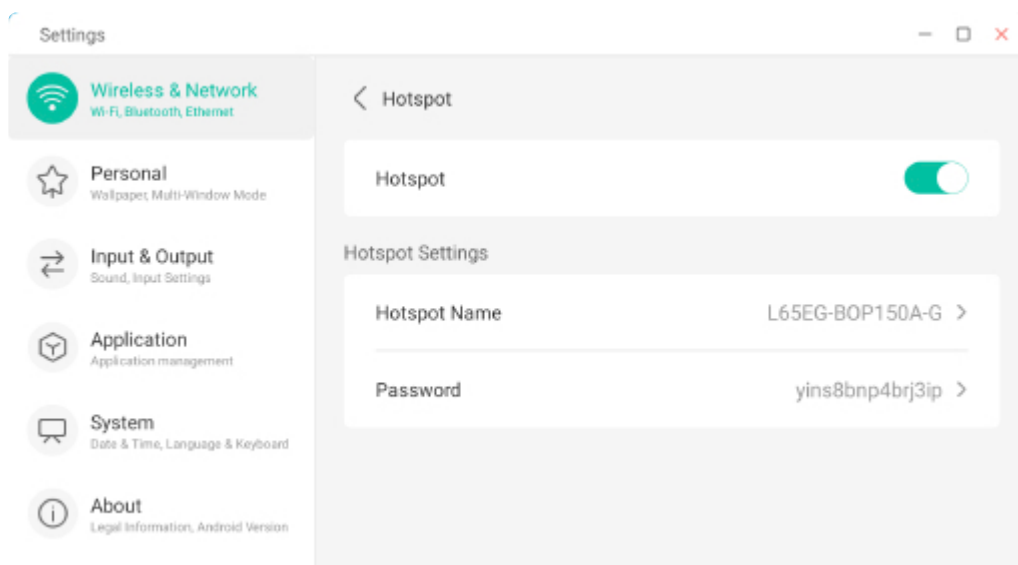
If the display is to be assigned a “fixed” IP address, disable the option for “Obtaining IP Address Automatically” and populate the additional fields. This information should be obtained from your IT administrator.



5.2.3 HOTSPOT

The display can provide a hotspot for devices to connect and share an internet connection. It also allows a secure option for direct casting to the display without the requirement of an active network connection for both devices.

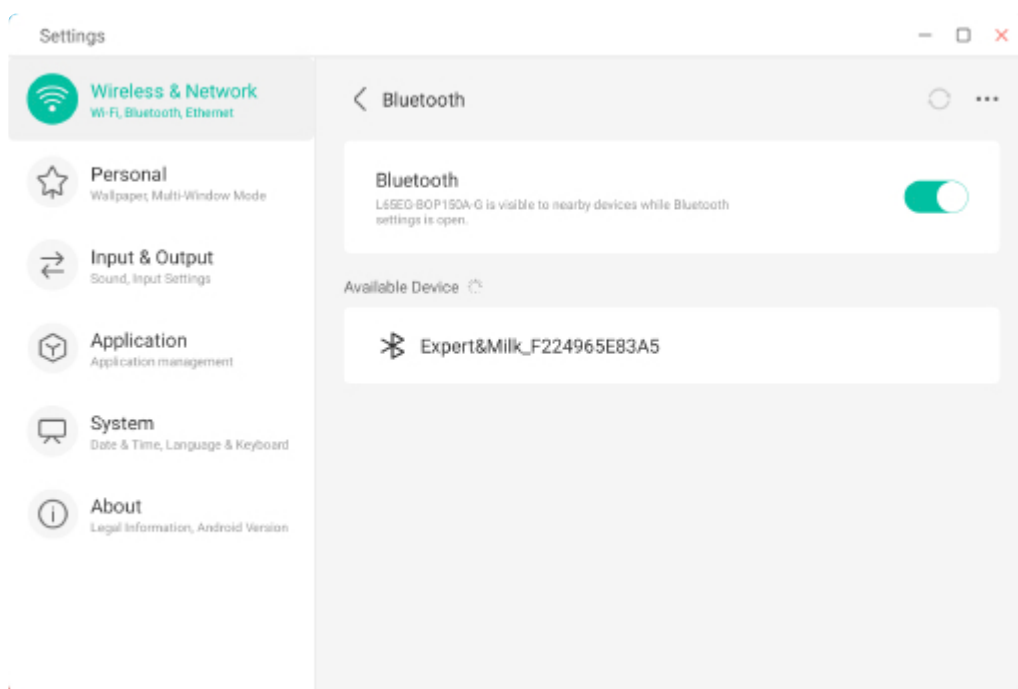
- Enable the connection by selecting the Ethernet option to open the sub-menu.
- Change the toggle switch on the right-hand side to switch on the connection. It will change to a green colour. (hotspot fig 1)
- The name and password can be adjusted in the Hotspot settings



5.2.4 BLUETOOTH

Bluetooth devices such as cameras, keyboards, mice and speakers can be connected to the display for additional functionality.

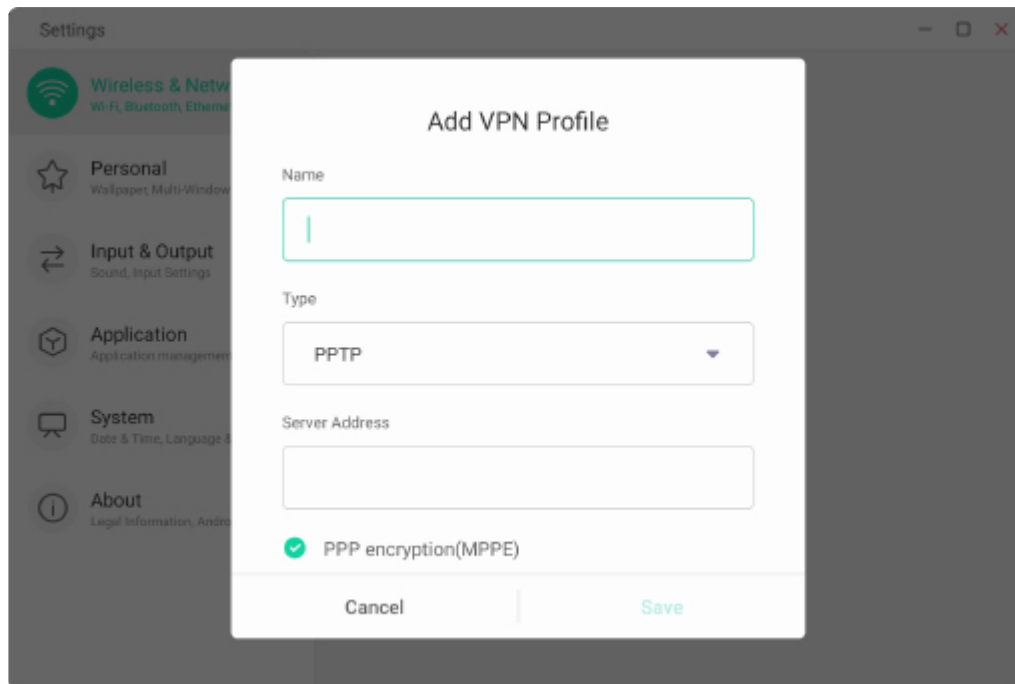
- Enable the connection by selecting the Bluetooth option to open the sub-menu.
- Change the toggle switch on the right-hand side to switch on the connection. It will change to a green colour.
- A list of devices will appear
- Select the device to connect and pair with the display
- Once connected it will appear as a connected device in the list
- To unpair, the device, select it from the list and then either forget or disconnect.



5.2.5 VPN

For added security or to connect the display to a remote network, the VPN (Virtual Private Network) setting should be used. All settings for this option should be obtained from your IT administrator.

- Enable the connection by selecting the VPN option to open the sub-menu.
- Select “Add VPN”
- Enter all the details specific to the VPN as provided by your IT Administrator and save to exit.



5.2.6 SAMBA

The SAMBA connection enables the display to be added to a network directory. This allows remote devices such as laptops or PCs to connect and upload/download files directly to the file manager.



INFORMATION

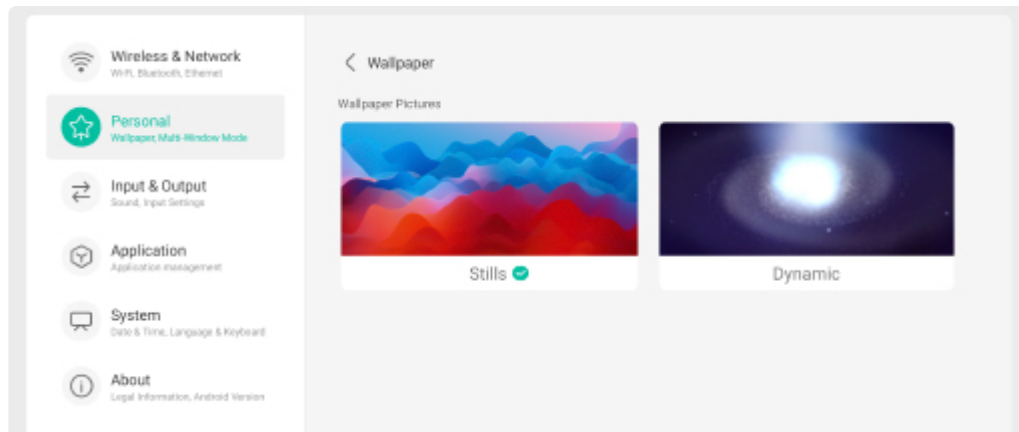
The username is set as Admin and cannot be changed.

A password is strongly recommended during the setup to protect all content on the display.

5.2.7 WALLPAPER

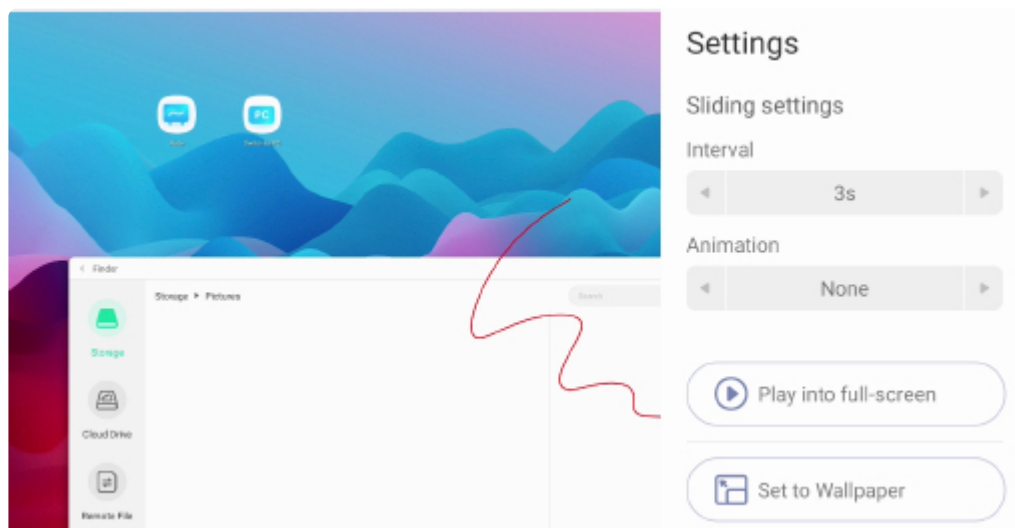
There are a number of the default wallpaper for the home screen to choose from. There are options for either “still” or “dynamic” wallpapers.

- Open the settings menu and select Personal from the side menu and then “wallpaper”
- Choose from the option of “Stills” or “Dynamic” to open and choose from the selection



The home screen wallpaper can have a custom wallpaper

- Download or save an image to the file manager.
- Open the image
- Select “settings” from the picture toolbar at the bottom
- Select “set to wallpaper” on the right side of the menu to activate this as the new wallpaper



5.2.8 SYSTEM BAR MENU

The sidebar menu by default is available in all source channels. This allows the sidebar menu to be accessed when using a connected PC, built-in PC Module, the Android interface or even when connected to an external input device such as a DVD player.

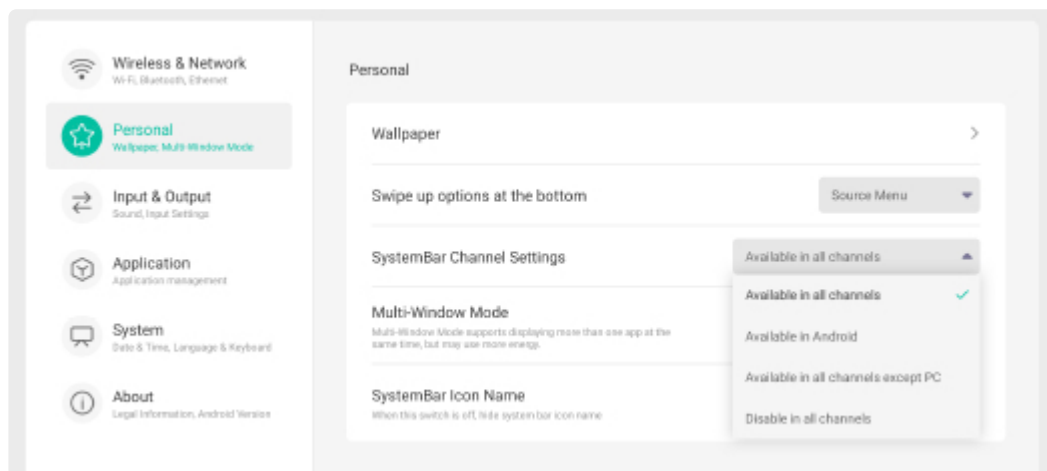
There are additional options for security to limit where the sidebar menu is displayed.

- Open the settings menu and select “Personal”
- On the right side of the menu the option for “SystemBar Channel Settings” will be shown with a drop-down box to the right
- Select the dropdown box to present the options and select the preferred choice

Available in all channels – Default Setting * Available in Android – This will only show the sidebar when using the Android input source

Available in all channels except PC -If a PC module is built into the display, these settings will prevent the menu from showing when using this input source. All other options such as Android, HDMI, and VGA will show the toolbar

Disable in all channels – This will deactivate the sidebar completely for all sources



ATTENTION

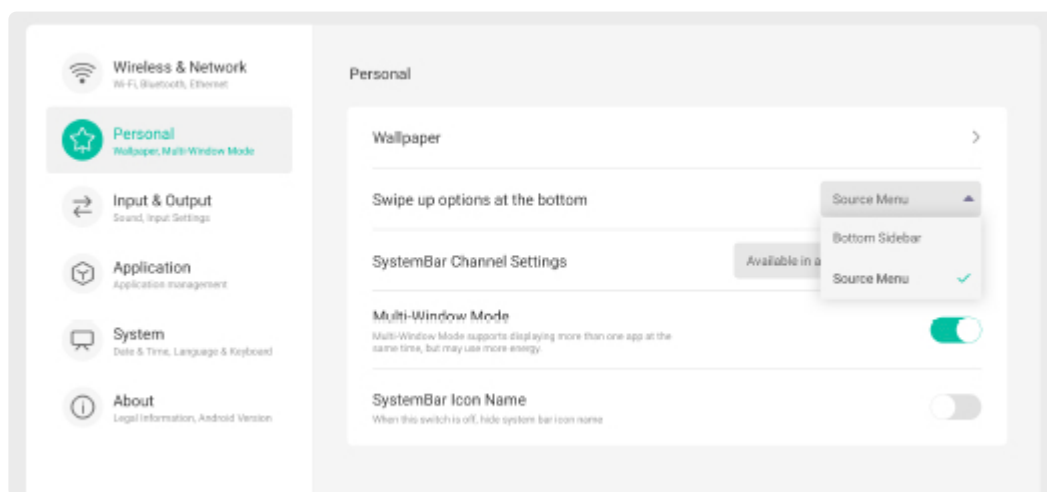
“Selecting “Disable in all channels” will result in no access to the apps menu, additional tools and other features available on the display.

To enable the sidebar, use a shortcut icon in upper corner of display to open the settings menu and navigate to the SystemBarChannel Settings.

5.2.9 MULTI-WINDOW MODE

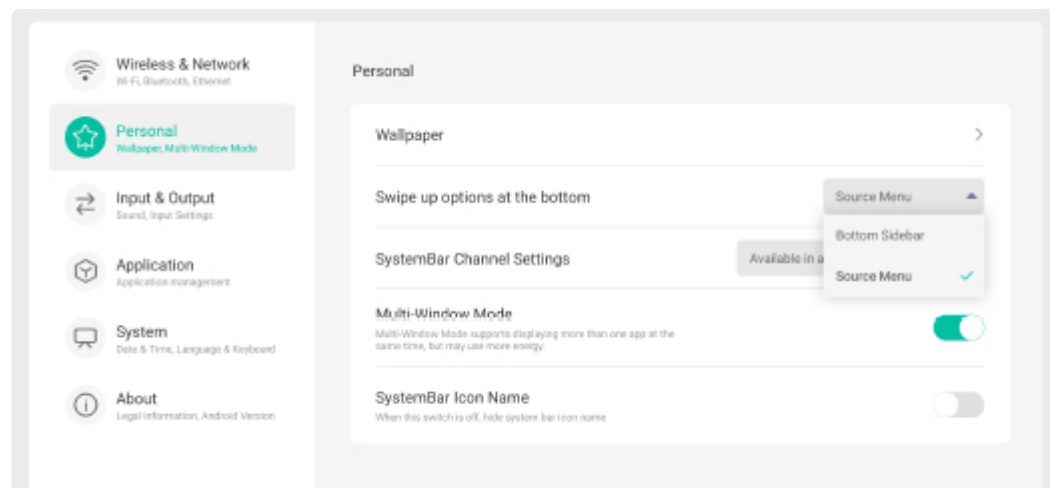
The default setting on the display will open all apps in full screen mode and only one app will be visible on the screen at a time. The Multi-Window Mode allows the display to show multiple apps at the same time. Each window can be adjusted and moved around the screen or locked to a corner, side or covert to full screen.

- Open the settings menu and select “Personal”.
- Enable the “Multi-Window Mode” by changing the toggle switch on the right-hand side to switch it on.
- It will change to a green colour when active – see below≥
- The display will need to reboot to activate the mode change.



5.2.10 SYSTEM BAR ICON NAME

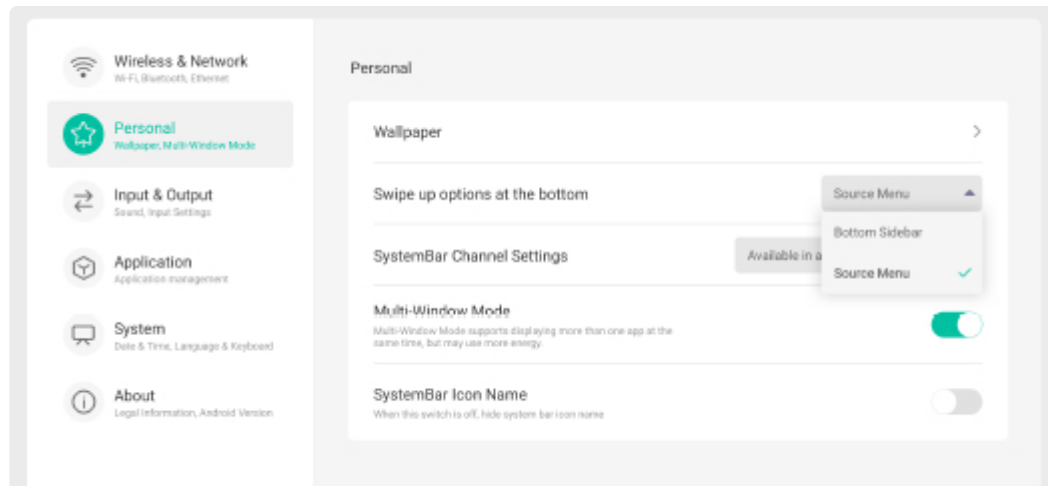
By default, the sidebar menu will show names for all of the icons displayed. This can be switched off by changing the setting to off as shown in the image below when disabled, only the icons will appear in the sidebar menu.



5.2.11 MAIN SCREEN SWIPE UP MENU

The home screen has the functionality to launch a menu by swiping up with one finger from the bottom of the screen. By default, this action will open the “Source menu” as shown in “Basic Settings” of this user guide.

An alternative option is to have the action open a bottom “SideBar menu” as shown below.



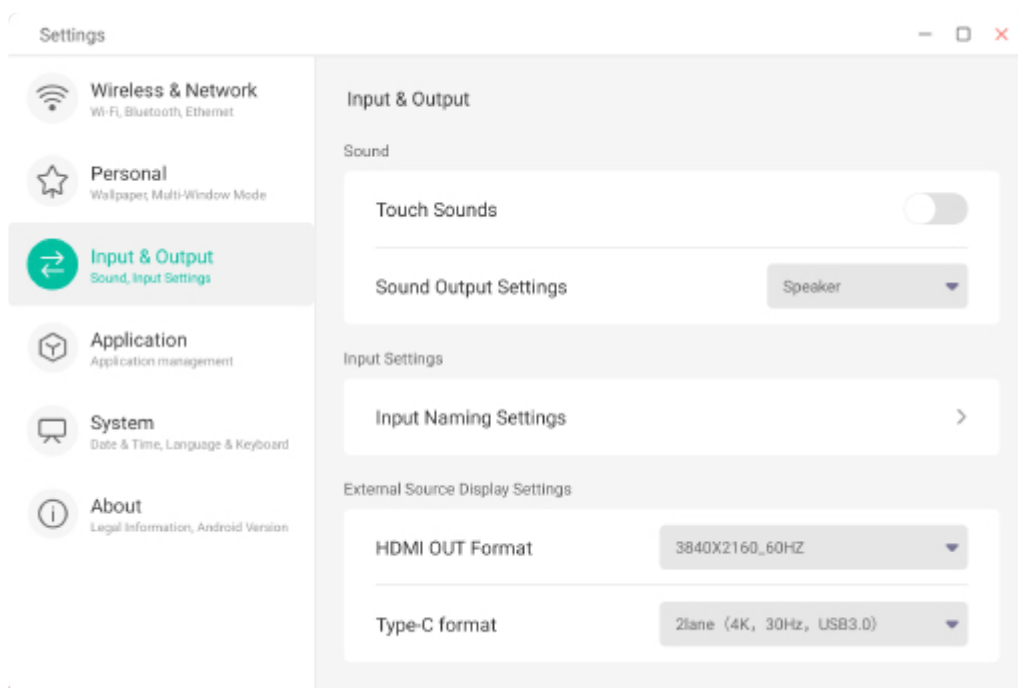
5.2.12 INPUT AND OUTPUT

*Touch Sounds *

Touch sounds can be switched on/off from this menu. When switched on (default setting), a sound will be heard each time a key is pressed on the on-screen keyboard. This keyboard appears when the requirement to type is needed, in apps.

*Sound Output *

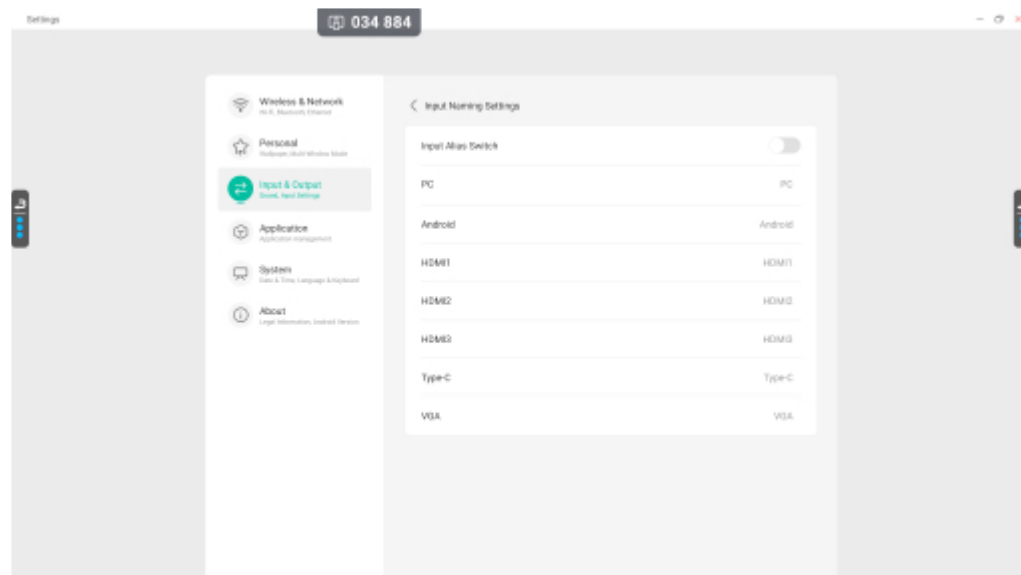
The displays are supplied with built-in speakers to provide great audio for most environments. If additional speakers are required and connected to the display through the Audio Out port then the option to switch the audio to either the built-in speakers or external connection is possible. The “mixed” option available will allow audio from both internal and external connections at the same time.



*Input Naming *

Each of the source input can be set to have a unique name associated to the connection. Open the Input naming setting and switch on the “alias switch” at the top of the page. Each of the source option names can now be changed to a name of the user's choice.

If the default naming is required simply turn off the “alias switch”



*External Source HDMI & USB-C *

The HDMI out resolution can be selected to best suit the device connected to. The default setting is to provide the maximum 4K resolution output.

USB-C output can also be adjusted to either support a higher video frame rate output or a fast data transfer rate. The default setting is to provide a higher data transfer rate of USB-3.0

5.2.13 SYSTEM

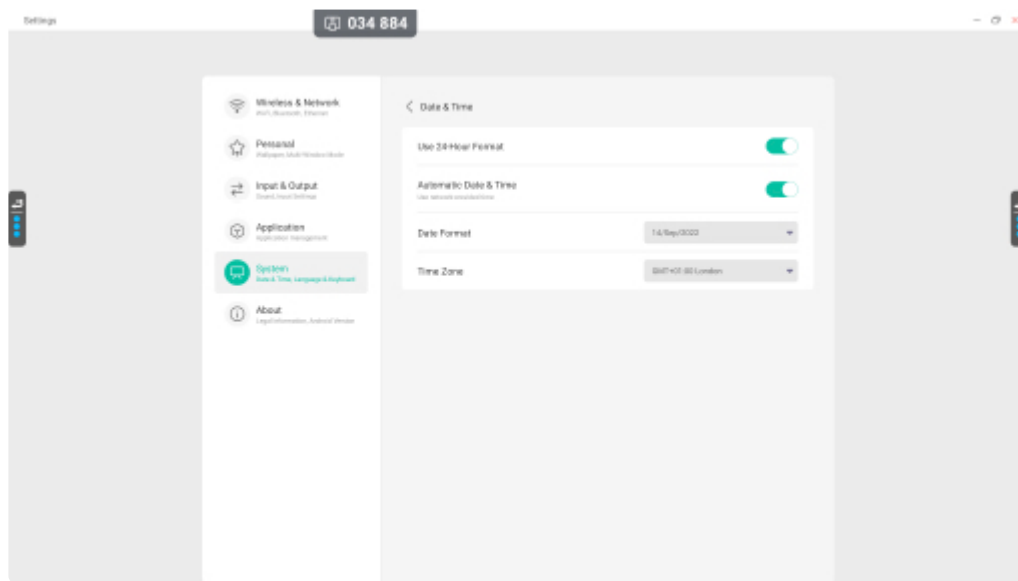
Date & Time

The date and time of the display can be set to either show a 12 hour or 24-hour clock by toggling the switch in the menu

Automatic date and time can be set using a network connection. This will only work when a WiFi or Ethernet connection is being used. If this is not used then manual options will be presented to set both.,

The date format can be selected from the drop menu to provide a user preference

The time zone is not automatically adjusted and will need to be set on the display to represent the current time zone of the display.



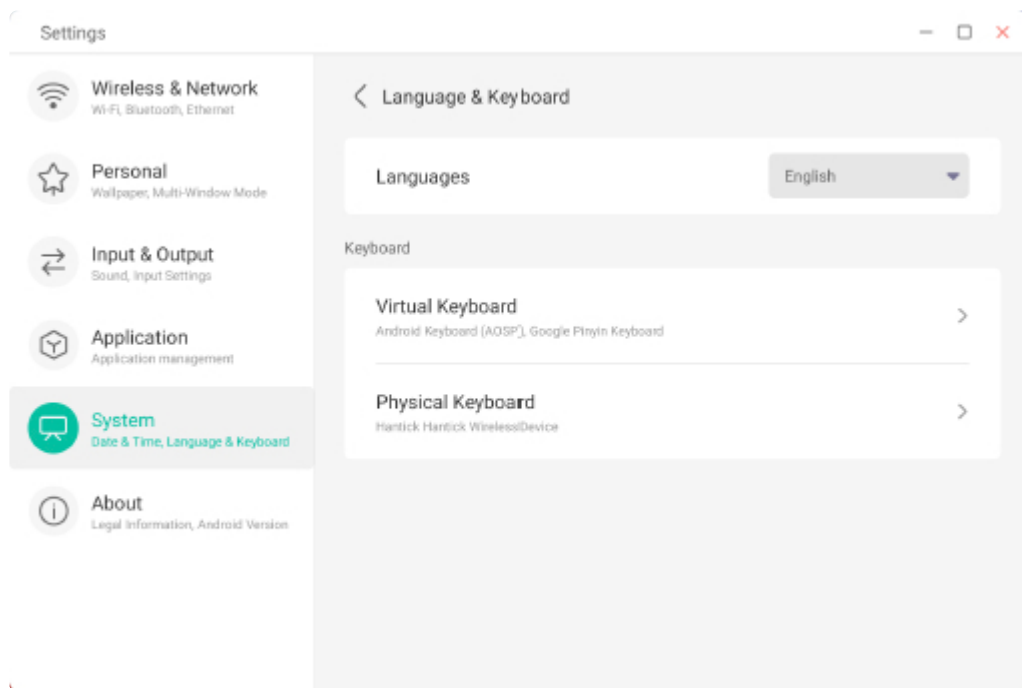
Language & Keyboard

The display language can be changed to one of the 9 languages supported. Open the menu and select from the list to change all menu text to the local language selected.

Keyboards are used throughout the installed applications and by default, the virtual keyboard that appears on the screen is set based on the main display language selected. It can be adjusted by pressing the “Virtual Keyboard” text in the menu screen and then pressing the Android Keyboard option.

Within this menu the option to change the language and also change the layout to a split keyboard is possible.

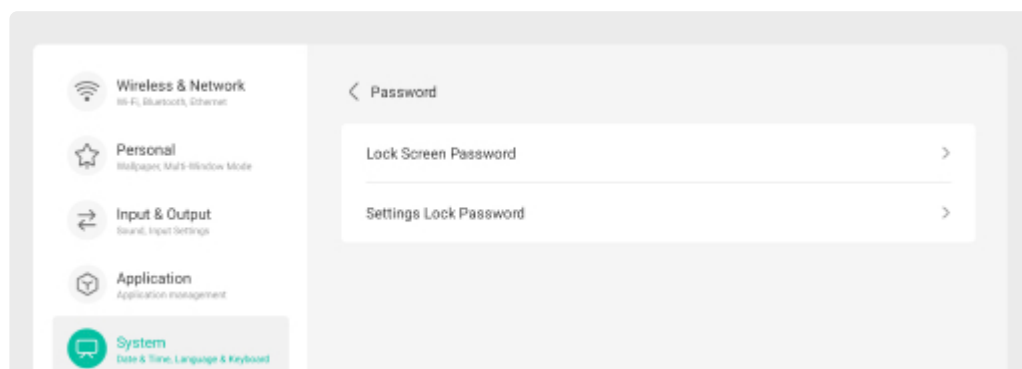
A physical keyboard can be connected to the display via USB or Bluetooth. These keyboards will be displayed and if required the layout of the keyboard can be adjusted in this menu.



Password Control

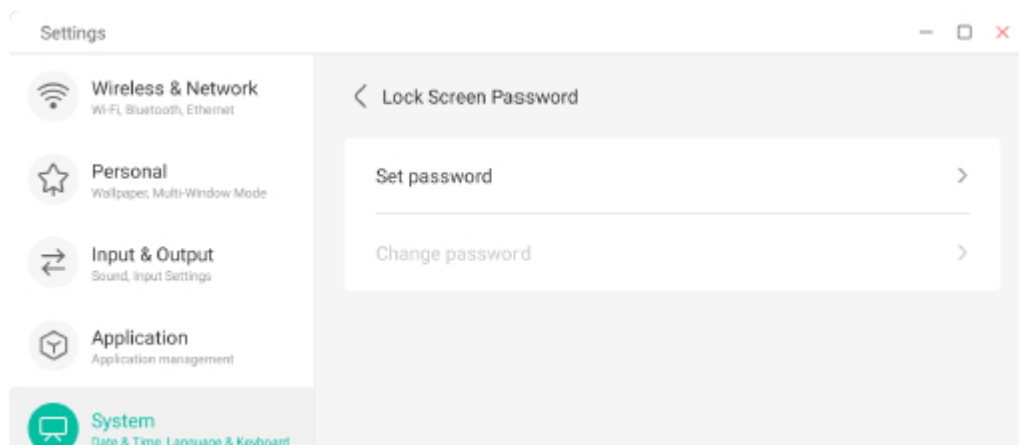
The display has two options for additional security where a password is possible. The settings menu and screen can be independently locked using separate passwords as required.

To set the passwords open the “password” menu under “system” and select the lock option required from either Screen or Settings

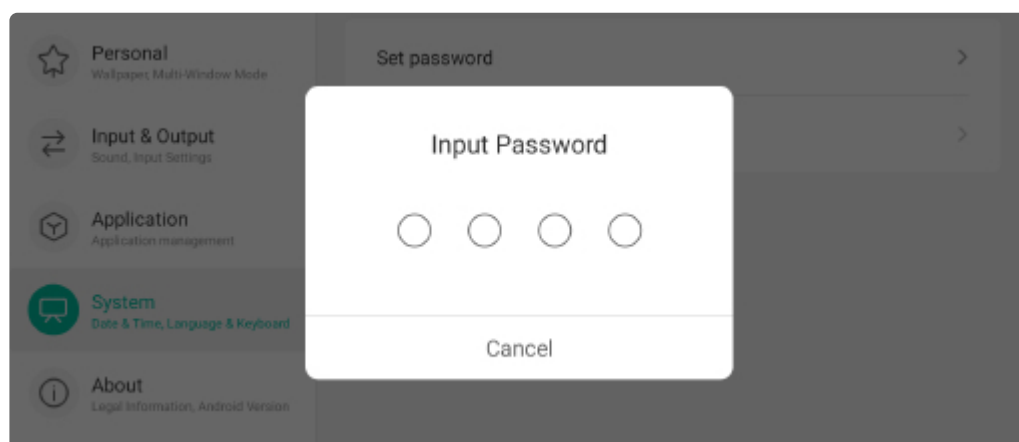


The next screen will show the option to “set password”, “clear password” or “change password”. This will depend on whether a password has been set previously or not.

If this is the first time then press “set password” and then enter in a 4 digit code and repeat to confirm the code.

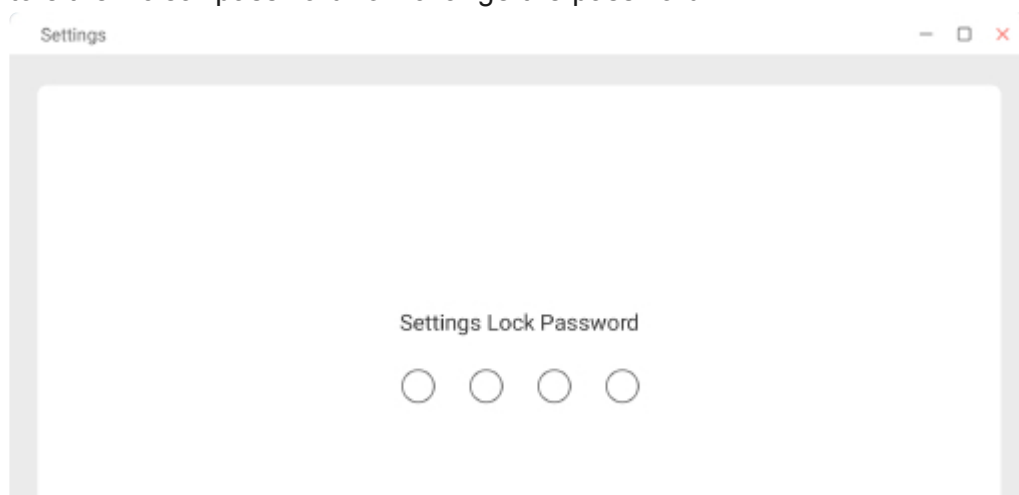


Once the main settings menu is closed it will be locked for the next time it is opened. To open the menu simply enter the code.



The screen lock can be set in the same way and then activated by pressing the “screen lock” icon in the more tools menu from the side bar.

If either of the locks are no longer required or if the code needs to be changed, repeat the first steps to either “clear password” or “change the password”



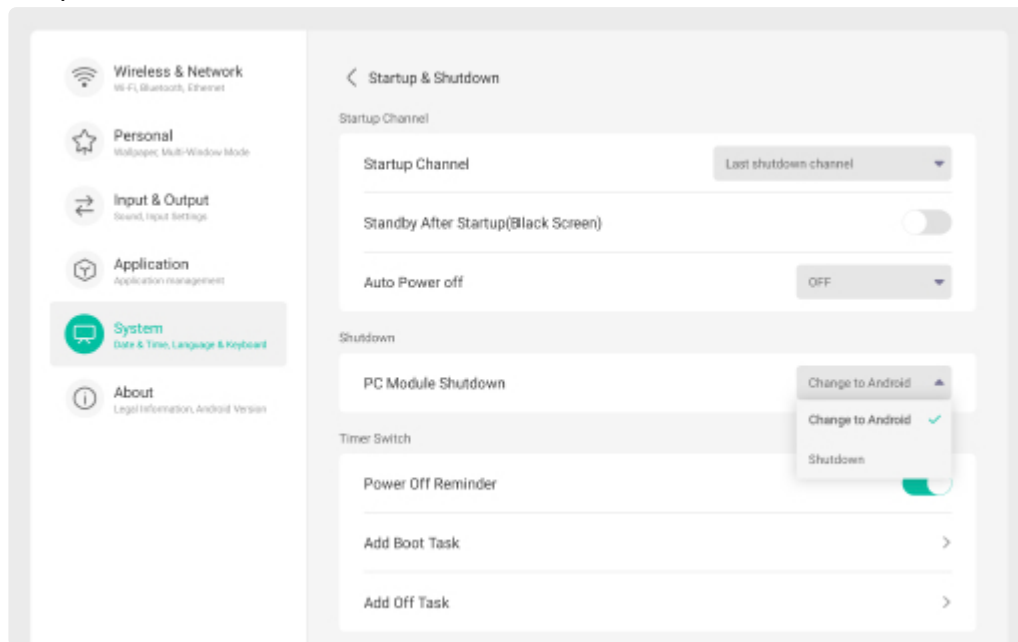
Startup & Shutdown

In this menu, the display can have several settings to customise the way the screen reacts to actions and also can also have automation enabled for further environmental benefits

The startup channel allows the user to select which source the display will startup in. It can be a source that is connected, the built in Android OS or the default option of the last source input that was used when last shutdown.

The option to have the screen immediately go into standby mode can be selected. This is a useful tool if you wish to have the screen ready for use and not immediately. It will also reduce energy consumption.

Auto power off can be adjusted to turn the display off after a selected number of minutes. This action will monitor the touch activity and if no touch input is recognised in the period it will trigger the power-off action.



PC Module Shutdown

This option is for use with a built-in PC module only.

Users can select either to have the display shut down or switch the source to Android when the PC module is shut down. The setting is made available as users may wish to stop using the built-in PC and move to Android mode and making this setting change can allow the simple sway whilst reducing energy consumption.



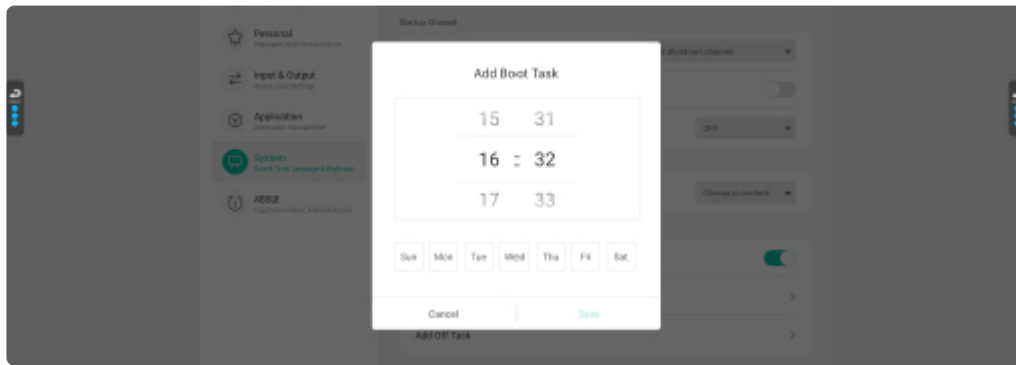
Startup & Shutdown Schedules



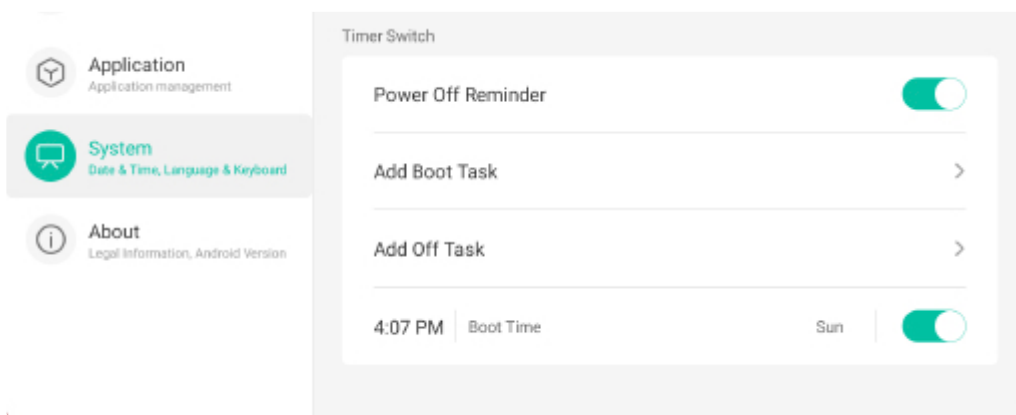
The display can be automated to turn on and off at selected times and days. A reminder can also be shown on the screen to inform users of the scheduled automation in case the display is still in use.

The “add boot task” is selected to create the startup time and day. This could be a single schedule with multiple days or you can create multiple schedules for different days or times.

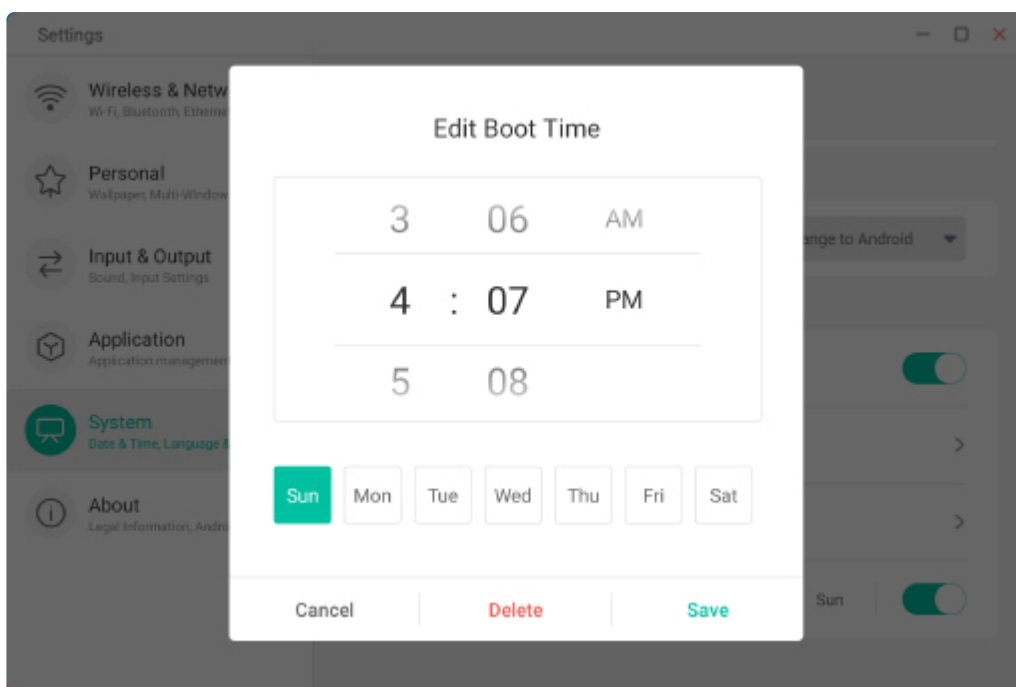
The “add off task” is created to turn of the display in the same way as the boot task is set.



All “Startup & Shutdown” tasks will be displayed at the bottom of the menu and can be activated and deactivated by toggling the switch.



To delete or adjust a schedule, press the task name and either adjust the schedule or select delete.



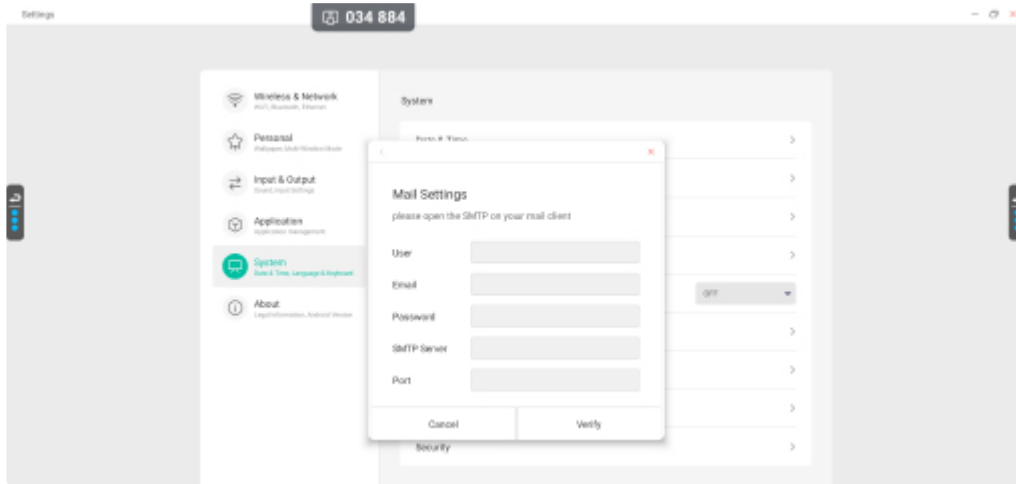
Pixel Shift

The display can be set to automatically adjust the image by moving pixels for a brief moment and

then resuming the original image. This is to ensure the screen doesn't have burn in issues where users may have a single image displayed for an extremely long period of time.

Email Settings

There are several applications on the display that can send various images, data or documents to a user via email. The email settings option can be configured to use a specific email account for the display so that they can be sent directly.



Storage

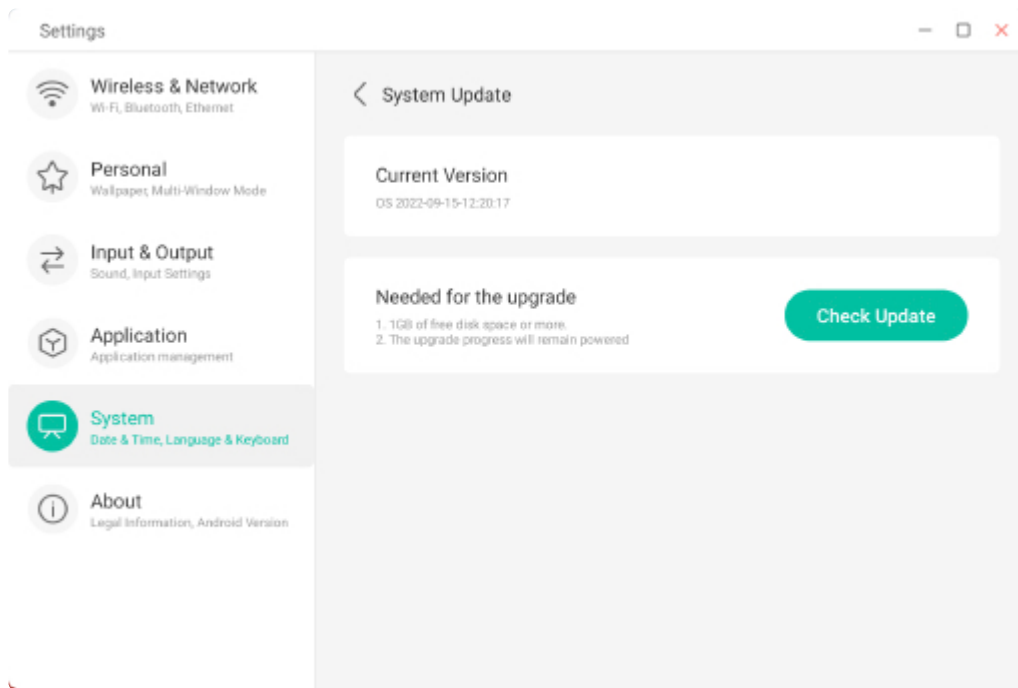
The storage option allows users to see how much of the internal storage is being used and to clean app data and any present.

System Update

System updates are periodically made available to users via the OTA (over-the-air) server from InFocus.

Updates are normally only available as a manual activity to prevent releases interfering with user activity on the display at time when in use. To check if any updates are available, press the “check update” button and wait for a few seconds. If an update is available then further details are provided to guide the user for downloading and installed.

If the display is on the latest version then a message will confirm.



Security

Additional options for USB, Cloud drive and other locks are possible along with allowing manual installation of APK files.

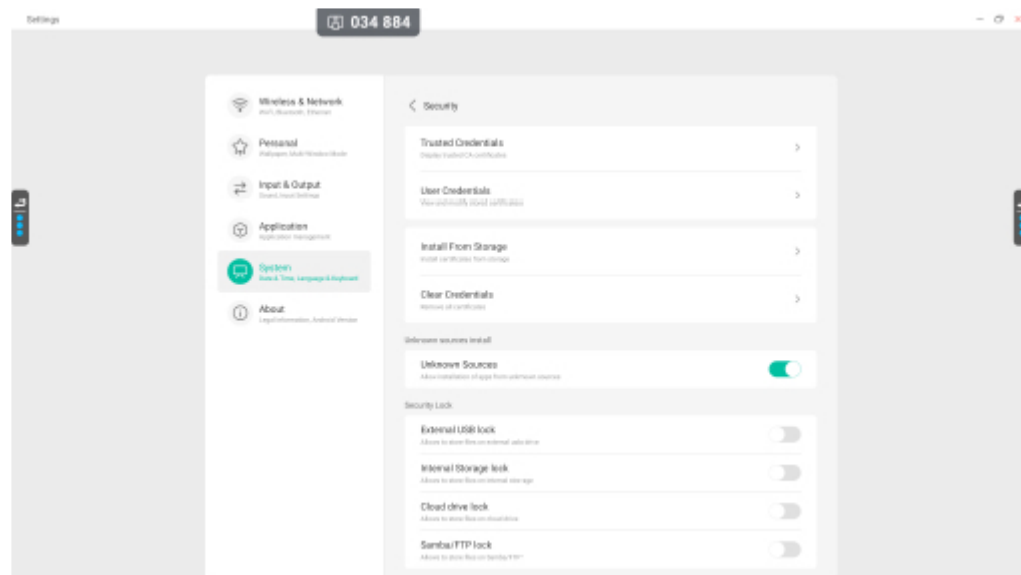
Unknown sources when active will allow users to download APK files and manually install the applications onto the display. By default this is not enabled.

External USB lock when enabled will prevent users from saving files to a USB drive inserted in the display. This prevents files from being copied or other images, documents being saved to a USB device.

Internal Storage Lock when enabled will prevent any files, annotations, drawings being save to the internal storage of the display. This is normally used if the device is to only allow saving to USB devices or if the display is used in confidential locations.

Cloud Drive lock when enabled will prevent any files being saved to the cloud storage accounts that are configured on the display

Samba/FTP lock when enabled will prevent the saving of files from the display to a remote connection storage location on a server.



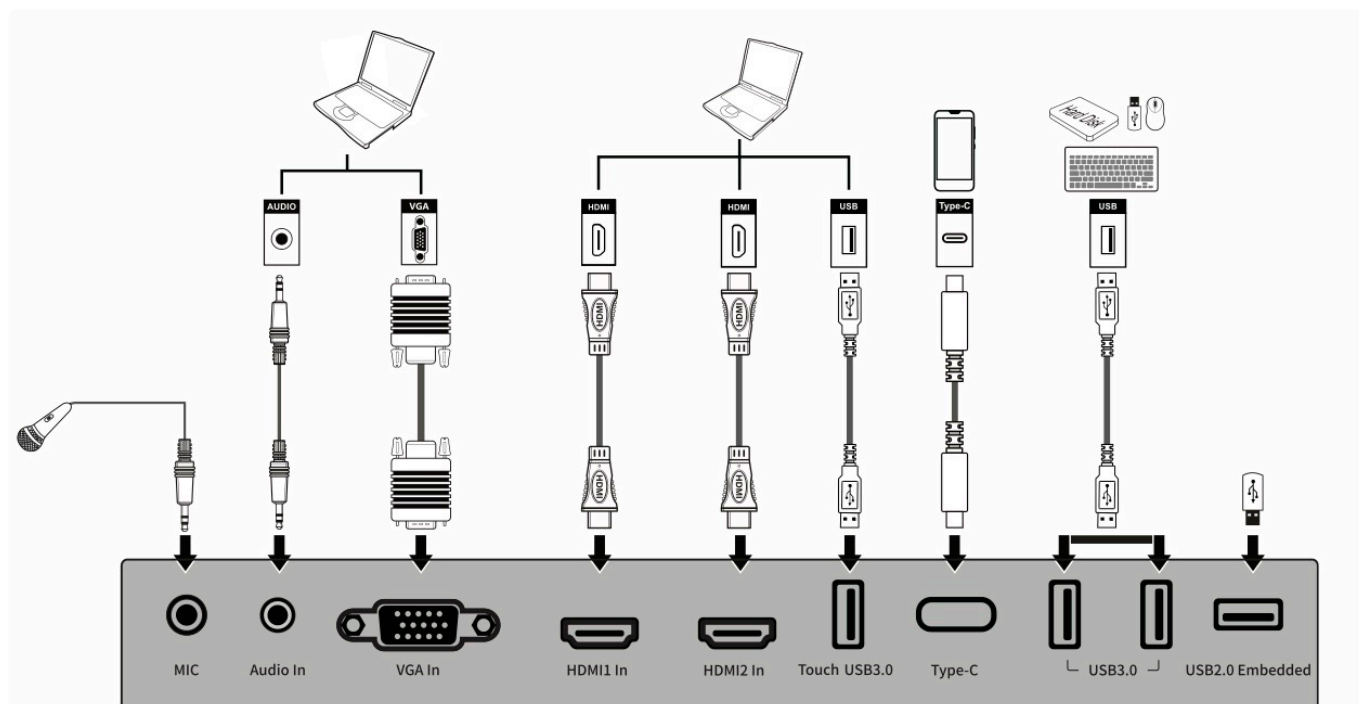
About

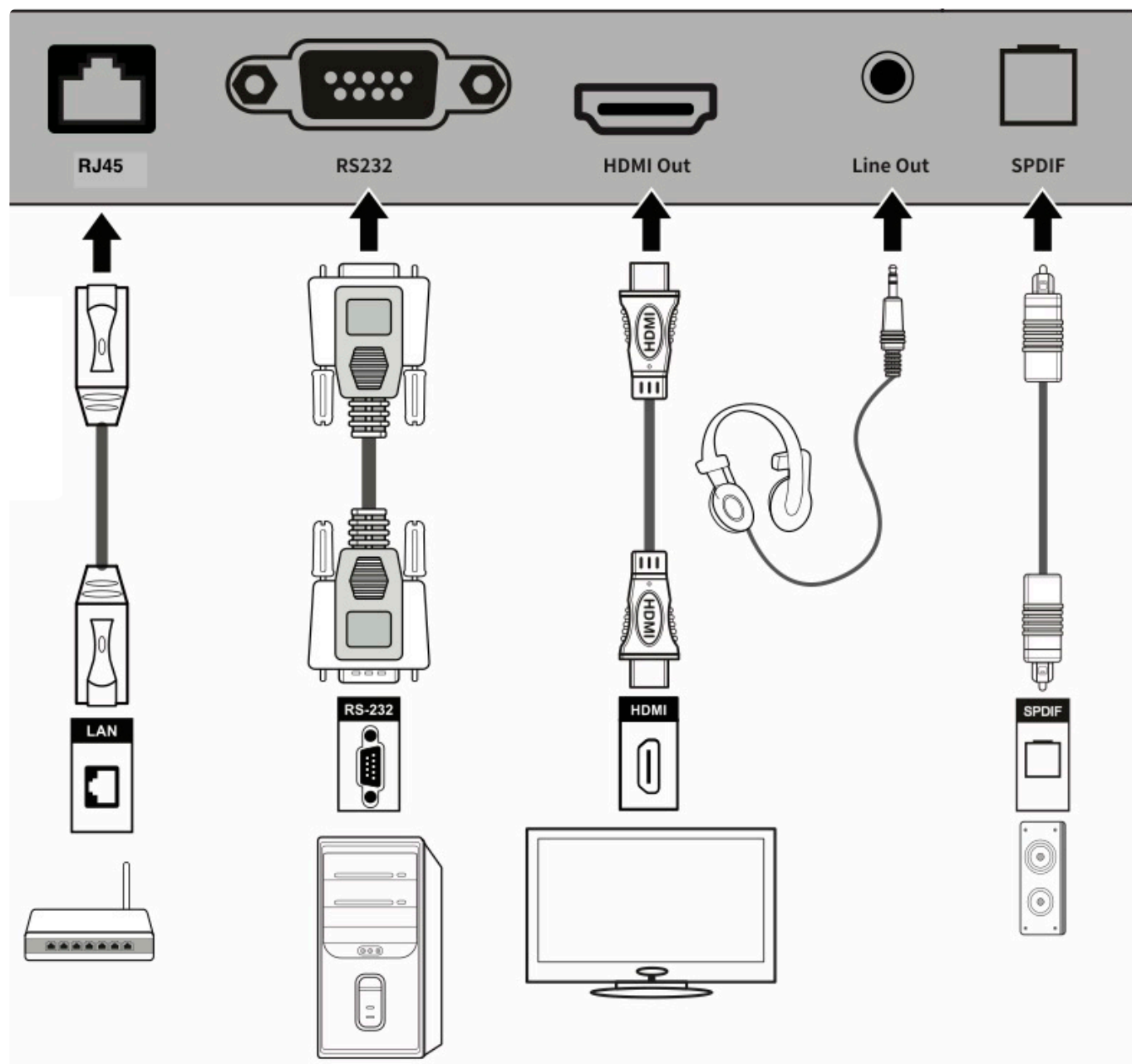
The about menu provides details of the display such as the Android version, module number and all legal notices for licenses required on the display.

Some of this information maybe requested if a service case is reported.

6. CONNECTING

6.1 CONNECTION DIAGRAM





INFORMATION

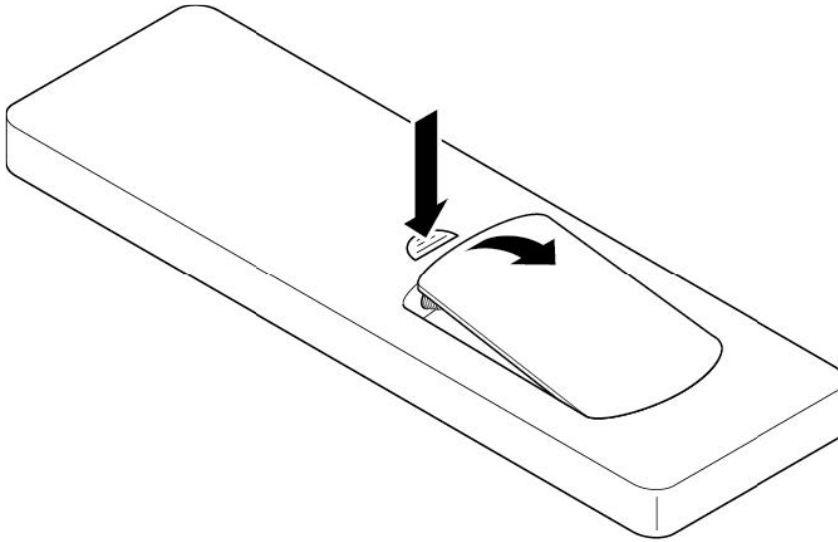
“INFORMATION” Not all inputs are available on all models.

7. REMOTE CONTROL

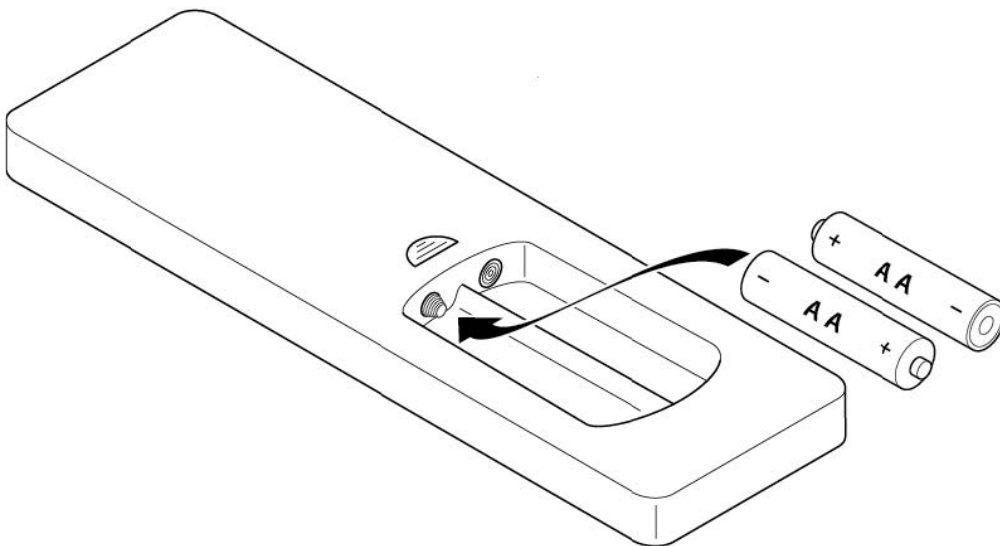
7.1 INSTALLING BATTERIES IN THE REMOTE CONTROL

The remote requires two AAA batteries (not included).

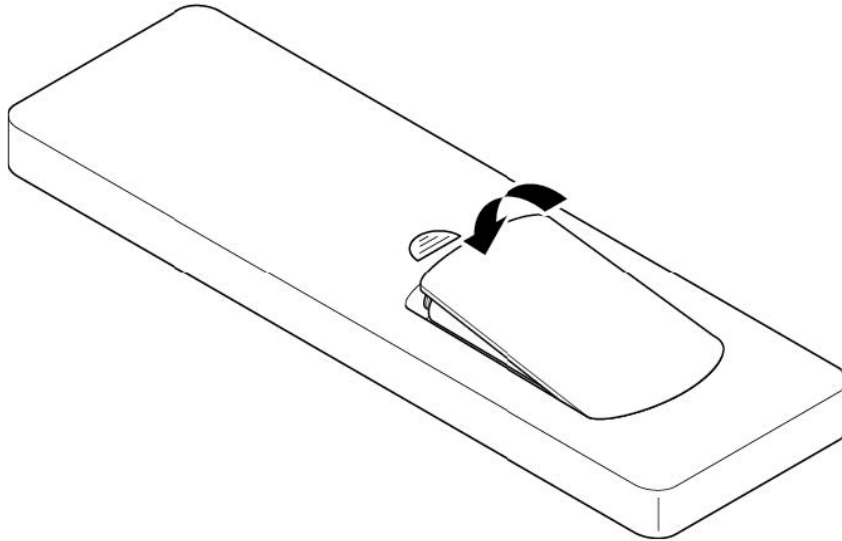
1. Remove the battery cover on the back of the remote control.



2. Insert AAA batteries in the battery compartment. Ensure each battery's polarity \pm is aligned correctly.



3. Replace back cover on the remote control and press down until it clicks in to place.

**ATTENTION**

The remote control may fail to operate if the infrared remote sensor is exposed to bright sunlight or fluorescent lighting.

Incorrect battery usage may cause leakage of battery fluid and battery rupture, which could result in fire, injury or corrosion of the remote. When replacing batteries, take the following precautions.

Do not use batteries of different types or mix old and new batteries.

Remove the batteries if you will not be using the projector for a long period of time.








Do not expose batteries to heat or flame and do not put them in water.

Dispose of used batteries according to local regulations.

Keep batteries out of the reach of children. Batteries are choking hazards and are very dangerous if swallowed.

7.2 REMOTE CONTROL KEYS



| BUTTON | FUNCTION |
|---|-------------------------|
|  | Power on/off |
|  | Enter or exit mute mode |
|  | PC's Windows key |
|  | PC's Space key |
|  | PC's Alt+Tab key |
|  | PC's Alt+F4 key |
|  | Numeric input keys |
| A9 | B9 |
| A10 | B10 |
| A11 | B11 |
| A12 | B12 |
| A13 | B13 |
| A14 | B14 |
| A15 | B15 |
| A16 | B16 |
| A17 | B17 |
| A18 | B18 |
| A19 | B19 |
| A20 | B20 |
| A21 | B21 |
| A22 | B22 |
| A23 | B23 |

| | |
|-----|-----|
| A24 | B24 |
|-----|-----|




INFORMATION

Some keys may have no function for models that do not support the key’s feature.

8. USING THE PRODUCT

8.1 TURNING THE PRODUCT ON

1# Securely connect the mains cable to the Product and to a mains outlet.

2. Connect a signal/source cable to a source device and the Product.
3. Turn on the main power to the Product via the on/off switch.
4. Press the **Power** button on the front of the product or the  the symbol on the remote control.

The InFocus startup screen will appear after approximately 2 seconds.



ATTENTION

Make sure that people cannot step on any electrical cables or trip over the cables. Do not put objects on the cables.

9. CLEANING



Do not use canned air or any type of abrasive pad, paper towel, scouring powder, glass cleaner, or solvent (such as alcohol, paint thinner or benzene).

Unplug the projector before cleaning.

9.1 CLEANING THE SCREEN

Clean the screen with a lightly damp cloth. Do not spray liquid directly onto the screen.

9.2 CLEANING THE CASE

Clean the projector's case using a lightly damp cloth.

9.3 CLEANING THE AIR VENTS

Clean the air intake vents with a soft and dry cloth, a soft brush, or a small vacuum cleaner designed for cleaning electrical devices.

10. SANITATION

- Using only lightly dampened microfibre cloth to avoid malfunction and possible permanent damage to electronic parts, lightly clean the surface of the product, avoiding any connection points, ventilation holes or the lens.
- After the application, dry the product with a clean and dry microfibre cloth.

Please follow all safety and handling instructions listed with the cleaning solution and keep out of reach of children.

For schools conducting an overall deep clean of their facilities, here are steps to appropriately protect your InFocus product in advance of chemicals being sprayed or fogging devices being employed:

- Disconnect the product from its power source.
- Cover the product to prevent damage to internal electronic components.
- Remember to remove any covering before use.
- Please ensure that those with access to your InFocus products are aware of the cleaning procedure.



ATTENTION

Ensure your InFocus product is fully covered on all sides before facilities deep cleaning. Chemicals must not be allowed to enter or be sprayed on to the surface of the product, this will avoid any damage to the internal electronic components and outer casing parts.



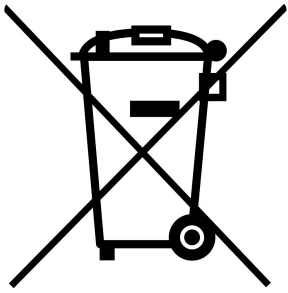
INFORMATION

Good personal hygiene practices of washing and drying hands should be employed before and after use of InFocus products.

Should you have any questions relating to these procedures please contact InFocus Technical Support. Contact details can be found [Here](#).

11. DISPOSAL

11.1 DISPOSAL OF ELECTRICAL COMPONENTS



The symbol on the product, the accessories or packaging indicates that this device shall not be treated as unsorted municipal waste, but shall be collected separately. Dispose of the device via a collection point for the recycling of waste electrical and electronic equipment if you live within the EU and in other European countries that operate separate collection systems for waste electrical and electronic equipment. By disposing of the device in the proper manner, you help to avoid possible hazards for the environment and public health that may otherwise be caused by improper treatment of waste equipment. The recycling of materials contributes to the conservation of natural resources.

11.2 DISPOSAL OF PACKAGING WASTE

The packaging is made of environmentally friendly materials, which may be disposed of through your local recycling facilities. By disposing of the packaging and packaging waste in the proper manner, you help to avoid possible hazards for the environment and public health.

12 TROUBLESHOOTING

12.1 GENERAL TROUBLESHOOTING

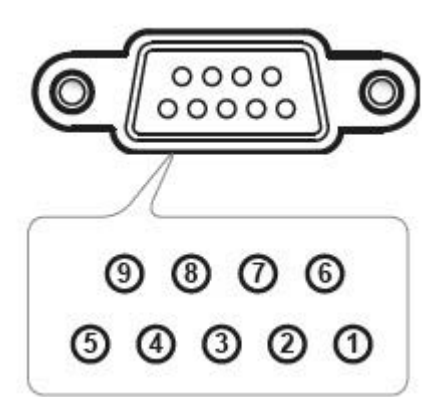
Before contacting a service technician, please conduct an inspection according to the following table. If the problem can't be solved by following the suggested steps, please contact your local dealer. For your safety, do not attempt to repair the machine on your own.

12.2 SERVICING

Servicing is required when the Product has been damaged, exposed to rain or moisture, does not operate normally, or has been dropped. All servicing and repairs should be performed by an authorized InFocus representative.

13. ADDITIONAL INFORMATION

13.1 RS232 PIN ASSIGNMENTS



| PIN NUMBER | B0 DETAILED TIMING |
|------------|--------------------|
| 1 | – |
| 2 | RDX |
| 3 | TXD |
| 4 | – |
| 5 | GND |
| 6 | – |
| 7 | – |
| 8 | – |
| 9 | – |

13.2 RS232 PROTOCOL FUNCTION LIST

| FUNCTION | VALUE |
|------------------------------|------------------|
| BAUD RATE | FIVE |
| PARITY BIT | NONE |
| DATA BIT | 8 |
| STOP BIT | 1 |
| LASER ON DELAY | 20 SECONDS |
| POWER DOWN DELAY | 20 SECONDS |
| SOURCE CHANGE DELAY | 8 SECONDS |
| INTERCOMMAND DELAY MINIMUM | 500 MILLISECONDS |
| INTERCHARACTER DELAY MINIMUM | 2 MILLISECONDS |

13.2.1 RS232 PROJECTOR COMMAND CODES

| INDEX | ASCII CODE | HEX CODE | FUNCTION | VALUE/RANGE | INL2156 | INL2158 | INL2159 |
|-------|---------------------|------------------------------------|------------------------------|---|---------|---------|---------|
| S001 | ~XX00 1 | 7E 30 30 30 30 20 31 0D | Power | On | Yes | Yes | Yes |
| S001 | ~XX00 0 | 7E 30 30 30 30 20 30 0D | Power | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S002 | ~XX00 1 ~nnnn | 7E 30 30 30 30 20 31 20 a 0D | Power ON with Password ~nnnn | “nnnn = Password ~0000 (a=7E 30 30 30 30) ~9999 (a=7E 39 39 39 39)” | Yes | Yes | Yes |
| S003 | ~XX01 1 | 7E 30 30 30 31 20 31 0D | Resync | | Yes | Yes | Yes |
| S004 | ~XX02 1 | 7E 30 30 30 32 20 31 0D | AV Mute | On | Yes | Yes | Yes |
| S004 | ~XX02 0 | 7E 30 30 30 32 20 30 0D | AV Mute | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S005 | ~XX03 1 | 7E 30 30 30 33 20 31 0D | Mute | On | Yes | Yes | Yes |
| S005 | ~XX03 0 | 7E 30 30 30 33 20 30 0D | Mute | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S006 | ~XX04 1 | 7E 30 30 30 34 20 31 0D | Freeze | | Yes | Yes | Yes |
| S006 | ~XX04 0 | 7E 30 30 30 34 20 30 0D | Unfreeze | (0/2 for backward compatible) | Yes | Yes | Yes |
| S007 | ~XX05 1 | 7E 30 30 30 35 20 31 0D | Zoom Plus | | Yes | Yes | Yes |
| S008 | ~XX06 1 | 7E 30 30 30 36 20 31 0D | Zoom Minus | | Yes | Yes | Yes |
| S009 | ~XX11 0 | 7E 30 30 31 31 20 30 0D | IR Function | Off | No | No | No |

| | | | | | | | |
|------|-------------|----------------------------------|---------------------------|----------------|-----|-----|-----|
| S009 | ~XX11 1 | 7E 30 30 31 31 20 31 0D | IR Function | On | No | No | No |
| S010 | ~XX12 5 | 7E 30 30 31 32 20 35 0D | Direct Source Commands | VGA | Yes | Yes | Yes |
| S010 | ~XX12 9 | 7E 30 30 31 32 20 39 0D | Direct Source Commands | S-Video | No | No | No |
| S010 | ~XX12 10 | 7E 30 30 31 32 20 31 30 0D | Direct Source Commands | Video | Yes | Yes | Yes |
| S010 | ~XX12 1 | 7E 30 30 31 32 20 31 0D | Direct Source Commands | HDMI (HDMI 1) | Yes | Yes | Yes |
| S010 | ~XX12 15 | 7E 30 30 31 32 20 31 35 0D | Direct Source Commands | HDMI 2 | Yes | Yes | Yes |
| S011 | ~XX20 1 | 7E 30 30 32 30 20 31 0D | Picture Mode | Presentation | Yes | Yes | Yes |
| S011 | ~XX20 2 | 7E 30 30 32 30 20 32 0D | Picture Mode | Bright | Yes | Yes | Yes |
| S011 | ~XX20 3 | 7E 30 30 32 30 20 33 0D | Picture Mode | Movie (Cinema) | Yes | Yes | Yes |
| S011 | ~XX20 4 | 7E 30 30 32 30 20 34 0D | Picture Mode | sRGB | Yes | Yes | Yes |
| S011 | ~XX20 13 | 7E 30 30 32 30 20 31 33 0D | Picture Mode | DICOM SIM. | Yes | Yes | Yes |
| S011 | ~XX20 5 | 7E 30 30 32 30 20 35 0D | Picture Mode | User | Yes | Yes | Yes |
| S011 | ~XX20 9 | 7E 30 30 32 30 20 39 0D | Picture Mode | 3D | Yes | Yes | Yes |
| S011 | ~XX20 12 | 7E 30 30 32 30 20 31 32 0D | Picture Mode | Game | Yes | Yes | Yes |
| S011 | ~XX20 22 | 7E 30 30 32 30 20 32 32 0D | Picture Mode | HDR SIM. | Yes | Yes | Yes |
| S011 | ~XX20 26 | 7E 30 30 32 30 20 32 36 | Picture Mode | HLG SIM. | Yes | Yes | Yes |

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| | | 0D | | | | | |
| S012 | ~XX21 n | 7E 30 30 32 31 20 a 0D | Brightness | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S013 | ~XX22 n | 7E 30 30 32 32 20 a 0D | Contrast | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S014 | ~XX23 n | 7E 30 30 32 33 20 a 0D | Sharpness | n = 1 (a=31) ~ 15 (a=31 35) | Yes | Yes | Yes |
| S015 | ~XX24 n | 7E 30 30 32 34 20 a 0D | RGB Gain/Bias Red Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S016 | ~XX25 n | 7E 30 30 32 35 20 a 0D | RGB Gain/Bias Green Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S017 | ~XX26 n | 7E 30 30 32 36 20 a 0D | RGB Gain/Bias Blue Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S018 | ~XX27 n | 7E 30 30 32 37 20 a 0D | RGB Gain/Bias Red Bias | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S019 | ~XX28 n | 7E 30 30 32 38 20 a 0D | RGB Gain/Bias Green Bias | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S020 | ~XX29 n | 7E 30 30 32 39 20 a 0D | RGB Gain/Bias Blue Bias | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S021 | ~XX34 n | 7E 30 30 33 34 20 a 0D | BrilliantColor™ | n = 1 (a=30) ~ 10 (a=31 30) | Yes | Yes | Yes |
| S022 | ~XX35 1 | 7E 30 30 33 35 20 31 0D | Gamma | Film | Yes | Yes | Yes |
| S022 | ~XX35 2 | 7E 30 30 33 35 20 32 0D | Gamma | Video | Yes | Yes | Yes |
| S022 | ~XX35 3 | 7E 30 30 33 35 20 33 0D | Gamma | Graphics | Yes | Yes | Yes |
| S022 | ~XX35 4 | 7E 30 30 33 35 20 34 0D | Gamma | Standard (2.2) | Yes | Yes | Yes |
| S022 | ~XX35 5 | 7E 30 30 33 35 20 35 0D | Gamma | 1.8 | Yes | Yes | Yes |
| S022 | ~XX35 6 | 7E 30 30 33 35 20 36 0D | Gamma | 2.0 | Yes | Yes | Yes |
| S022 | ~XX35 12 | 7E 30 30 33 35 20 31 31 0D | Gamma | 2.4 | Yes | Yes | Yes |

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|------|------------|----------------------------|---------------------|---|-----|-----|-----|
| S022 | ~XX35 8 | 7E 30 30 33 35 20 38 0D | Gamma | 2.6 | Yes | Yes | Yes |
| S023 | ~XX36 4 | 7E 30 30 33 36 20 34 0D | Colour Temp. | Warm | Yes | Yes | Yes |
| S023 | ~XX36 1 | 7E 30 30 33 36 20 31 0D | Colour Temp. | Standard | Yes | Yes | Yes |
| S023 | ~XX36 2 | 7E 30 30 33 36 20 32 0D | Colour Temp. | Cool | Yes | Yes | Yes |
| S023 | ~XX36 3 | 7E 30 30 33 36 20 33 0D | Colour Temp. | Cold | Yes | Yes | Yes |
| S024 | ~XX37 1 | 7E 30 30 33 37 20 31 0D | Colour Space | Auto | Yes | Yes | Yes |
| S024 | ~XX37 2 | 7E 30 30 33 37 20 32 0D | Colour Space | RGB\ <u>RGB</u> | Yes | Yes | Yes |
| S024 | ~XX37 3 | 7E 30 30 33 37 20 33 0D | Colour Space | YUV | Yes | Yes | Yes |
| S024 | ~XX37 4 | 7E 30 30 33 37 20 34 0D | Colour Space | <u>RGB</u> | Yes | Yes | Yes |
| S025 | ~XX44 n | 7E 30 30 34 35 20 a 0D | Tint | n = -50 (a=2D 35 30) ~ 50 (a=35 30)) | Yes | Yes | Yes |
| S026 | ~XX45 n | 7E 30 30 34 34 20 a 0D | Colour (Saturation) | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S027 | ~XX46 1 | 7E 30 30 34 36 20 31 0D | Brightness | Brightness - | Yes | Yes | Yes |
| S027 | ~XX46 2 | 7E 30 30 34 36 20 32 0D | Brightness | Brightness + | Yes | Yes | Yes |
| S028 | ~XX47 1 | 7E 30 30 34 37 20 31 0D | Contrast | Contrast - | Yes | Yes | Yes |
| S028 | ~XX47 2 | 7E 30 30 34 37 20 32 0D | Contrast | Contrast + | Yes | Yes | Yes |
| S029 | ~XX59 1 | 7E 30 30 35 39 20 31 0D | Four corners | top-left (right+) | Yes | Yes | Yes |
| S029 | ~XX59 2 | 7E 30 30 35 39 20 32 0D | Four corners | top-left (left+) | Yes | Yes | Yes |
| S029 | ~XX59 3 | 7E 30 30 35 39 20 33 0D | Four corners | top-left (up +) | Yes | Yes | Yes |

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|------|-------------|----------------------------------|--------------------------|-------------------------|-----|-----|-----|
| S029 | ~XX59 4 | 7E 30 30 35 39 20 34 0D | Four corners | top-left (down +) | Yes | Yes | Yes |
| S029 | ~XX59 5 | 7E 30 30 35 39 20 35 0D | Four corners | top right (right +) | Yes | Yes | Yes |
| S029 | ~XX59 6 | 7E 30 30 35 39 20 36 0D | Four corners | top right (left +) | Yes | Yes | Yes |
| S029 | ~XX59 7 | 7E 30 30 35 39 20 37 0D | Four corners | top right (up +) | Yes | Yes | Yes |
| S029 | ~XX59 8 | 7E 30 30 35 39 20 38 0D | Four corners | top right (down +) | Yes | Yes | Yes |
| S029 | ~XX59 9 | 7E 30 30 35 39 20 39 0D | Four corners | Bottom-left (right+) | Yes | Yes | Yes |
| S029 | ~XX59 10 | 7E 30 30 35 39 20 31 30 0D | Four corners | Bottom-left(left+) | Yes | Yes | Yes |
| S029 | ~XX59 11 | 7E 30 30 35 39 20 31 31 0D | Four corners | Bottom-left(Up+) | Yes | Yes | Yes |
| S029 | ~XX59 12 | 7E 30 30 35 39 20 31 32 0D | Four corners | Bottom-left(down+) | Yes | Yes | Yes |
| S029 | ~XX59 13 | 7E 30 30 35 39 20 31 33 0D | Four corners | Bottom-right (right+) | Yes | Yes | Yes |
| S029 | ~XX59 14 | 7E 30 30 35 39 20 31 34 0D | Four corners | Bottom-right(left+) | Yes | Yes | Yes |
| S029 | ~XX59 15 | 7E 30 30 35 39 20 31 35 0D | Four corners | Bottom-right(Up+) | Yes | Yes | Yes |
| S029 | ~XX59 16 | 7E 30 30 35 39 20 31 36 0D | Four corners | Bottom- right(down+) | Yes | Yes | Yes |
| S030 | ~XX60 1 | 7E 30 30 36 30 20 31 0D | Format (Aspect Ratio) | 4:3 | Yes | Yes | Yes |
| S030 | ~XX60 2 | 7E 30 30 36 30 20 32 0D | Format (Aspect Ratio) | 16:9 | Yes | Yes | Yes |

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|------|------------|----------------------------|--------------------------|--|-----|-----|-----|
| S030 | ~XX60 3 | 7E 30 30 36 30 20 33 0D | Format (Aspect Ratio) | 16:10 | Yes | No | Yes |
| S030 | ~XX60 5 | 7E 30 30 36 30 20 35 0D | Format (Aspect Ratio) | LBX | Yes | Yes | Yes |
| S030 | ~XX60 6 | 7E 30 30 36 30 20 36 0D | Format (Aspect Ratio) | Native | Yes | Yes | Yes |
| S030 | ~XX60 7 | 7E 30 30 36 30 20 37 0D | Format (Aspect Ratio) | Auto | Yes | Yes | Yes |
| S031 | ~XX61 n | 7E 30 30 36 31 20 a 0D | Edge mask | n = 0 (a=30) ~ 10 (a=31 30) | Yes | Yes | Yes |
| S032 | ~XX62 n | 7E 30 30 36 32 20 a 0D | Zoom | n = -5 (a=2D 35) ~ 25 (a=32 35) | Yes | Yes | Yes |
| S033 | ~XX63 n | 7E 30 30 36 33 20 a 0D | H Image Shift | n = -100 (a=2D 31 30 30) ~ 100 (a= 31 30 30) | Yes | Yes | Yes |
| S034 | ~XX64 n | 7E 30 30 36 34 20 a 0D | V Image Shift | n = -100 (a=2D 31 30 30) ~ 100 (a= 31 30 30) | Yes | Yes | Yes |
| S035 | ~XX65 n | 7E 30 30 36 35 20 a 0D | H Keystone | n = -30 (a=2D 33 30) ~ 30 (a=33 30) | Yes | Yes | Yes |
| S036 | ~XX66 n | 7E 30 30 36 36 20 a 0D | V Keystone | n = -30 (a=2D 33 30) ~ 30 (a=33 30) | Yes | Yes | Yes |
| S037 | ~XX69 1 | 7E 30 30 36 39 20 31 0D | Auto Keystone | On | Yes | Yes | Yes |
| S037 | ~XX69 0 | 7E 30 30 36 39 20 30 0D | Auto Keystone | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S037 | ~XX70 1 | 7E 30 30 37 30 20 31 0D | Language | English | Yes | Yes | Yes |
| S037 | ~XX70 2 | 7E 30 30 37 30 20 32 0D | Language | Deutsch | Yes | Yes | Yes |
| S037 | ~XX70 3 | 7E 30 30 37 30 20 33 0D | Language | Français | Yes | Yes | Yes |
| S037 | ~XX70 4 | 7E 30 30 37 30 20 34 0D | Language | Italiana | Yes | Yes | Yes |
| S037 | ~XX70 5 | 7E 30 30 37 30 20 35 0D | Language | Español | Yes | Yes | Yes |

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|------|-------------|----------------------------------|----------|-------------|-----|-----|-----|
| S037 | ~XX70 6 | 7E 30 30 37 30 20 36 0D | Language | Português | Yes | Yes | Yes |
| S037 | ~XX70 7 | 7E 30 30 37 30 20 37 0D | Language | Polski | Yes | Yes | Yes |
| S037 | ~XX70 8 | 7E 30 30 37 30 20 38 0D | Language | Nederlands | Yes | Yes | Yes |
| S037 | ~XX70 9 | 7E 30 30 37 30 20 39 0D | Language | Svenska | Yes | Yes | Yes |
| S037 | ~XX70 10 | 7E 30 30 37 30 20 31 30 0D | Language | Norsk/Dansk | Yes | Yes | Yes |
| S037 | ~XX70 11 | 7E 30 30 37 30 20 31 31 0D | Language | Suomi | Yes | Yes | Yes |
| S037 | ~XX70 12 | 7E 30 30 37 30 20 31 32 0D | Language | ελληνικά | Yes | Yes | Yes |
| S037 | ~XX70 13 | 7E 30 30 37 30 20 31 33 0D | Language | 繁體中文 | Yes | Yes | Yes |
| S037 | ~XX70 14 | 7E 30 30 37 30 20 31 34 0D | Language | 簡體中文 | Yes | Yes | Yes |
| S037 | ~XX70 15 | 7E 30 30 37 30 20 31 35 0D | Language | 日本語 | Yes | Yes | Yes |
| S037 | ~XX70 16 | 7E 30 30 37 30 20 31 36 0D | Language | 한국어 | Yes | Yes | Yes |
| S037 | ~XX70 17 | 7E 30 30 37 30 20 31 37 0D | Language | Русский | Yes | Yes | Yes |
| S037 | ~XX70 18 | 7E 30 30 37 30 20 31 38 0D | Language | Magyar | Yes | Yes | Yes |
| S037 | ~XX70 19 | 7E 30 30 37 30 20 31 39 0D | Language | Čeština | Yes | Yes | Yes |

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|------|-------------|----------------------------------|------------|------------------|-----|-----|-----|
| S037 | ~XX70 20 | 7E 30 30 37 30 20 32 30 0D | Language | عربي | Yes | Yes | Yes |
| S037 | ~XX70 21 | 7E 30 30 37 30 20 32 31 0D | Language | ไทย | Yes | Yes | Yes |
| S037 | ~XX70 22 | 7E 30 30 37 30 20 32 32 0D | Language | Türkçe | Yes | Yes | Yes |
| S037 | ~XX70 23 | 7E 30 30 37 30 20 32 33 0D | Language | فارسی | Yes | Yes | Yes |
| S037 | ~XX70 24 | 7E 30 30 37 30 20 32 34 0D | Language | ????? | No | No | No |
| S037 | ~XX70 25 | 7E 30 30 37 30 20 32 35 0D | Language | Tiếng Việt | Yes | Yes | Yes |
| S037 | ~XX70 26 | 7E 30 30 37 30 20 32 36 0D | Language | Bahasa Indonesia | Yes | Yes | Yes |
| S037 | ~XX70 27 | 7E 30 30 37 30 20 32 37 0D | Language | Română | Yes | Yes | Yes |
| S037 | ~XX70 28 | 7E 30 30 37 30 20 32 38 0D | Language | Slovenčina | Yes | Yes | Yes |
| S037 | ~XX70 29 | 7E 30 30 37 30 20 32 39 0D | Language | Pilipino | No | No | No |
| S037 | ~XX70 30 | 7E 30 30 37 30 20 33 30 0D | Language | Melayu | No | No | No |
| S037 | ~XX70 31 | 7E 30 30 37 30 20 33 31 0D | Language | বাংলা | No | No | No |
| S039 | ~XX71 1 | 7E 30 30 37 31 20 31 0D | Projection | Front | Yes | Yes | Yes |

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|------|---------------------|-----------------------------------|---|---|-----|-----|-----|
| S039 | ~XX71 2 | 7E 30 30 37 31 20 32 0D | Projection | Rear | Yes | Yes | Yes |
| S039 | ~XX71 3 | 7E 30 30 37 31 20 33 0D | Projection | Front-Ceiling | Yes | Yes | Yes |
| S039 | ~XX71 4 | 7E 30 30 37 31 20 34 0D | Projection | Rear-Ceiling | Yes | Yes | Yes |
| S040 | ~XX72 1 | 7E 30 30 37 32 20 31 0D | Menu Location | Top Left | Yes | Yes | Yes |
| S040 | ~XX72 2 | 7E 30 30 37 32 20 32 0D | Menu Location | Top Right | Yes | Yes | Yes |
| S040 | ~XX72 3 | 7E 30 30 37 32 20 33 0D | Menu Location | Centre | Yes | Yes | Yes |
| S040 | ~XX72 4 | 7E 30 30 37 32 20 34 0D | Menu Location | Bottom Left | Yes | Yes | Yes |
| S040 | ~XX72 5 | 7E 30 30 37 32 20 35 0D | Menu Location | Bottom Right | Yes | Yes | Yes |
| S041 | ~XX73 n | 7E 30 30 37 33 20 a 0D | Signal Frequency | n = -10 (a=2D 31 30) ~ 10 (a=31 30) By signal | Yes | Yes | Yes |
| S042 | ~XX74 n | 7E 30 30 37 34 20 a 0D | Signal Phase | n = 0 (a=30) ~ 31 (a=33 31) By signal | Yes | Yes | Yes |
| S043 | ~XX75 n | 7E 30 30 37 35 20 a 0D | Signal H. Position | n = -5 (a=2D 35) ~ 5 (a=35) By timing | Yes | Yes | Yes |
| S044 | ~XX76 n | 7E 30 30 37 36 20 a 0D | Signal V. Position | n = -5 (a=2D 35) ~ 5 (a=35) By timing | Yes | Yes | Yes |
| S045 | ~XX77 n | 7E 30 30 37 37 20 aabbcc 0D | Security Security Timer Month/Day/ Hour | “n = mm/dd/hh mm= 00 (aa=30 30) ~ 12 (aa=31 32) dd = 00 (bb=30 30) ~ 30 (bb=33 30) hh= 00 (cc=30 30) ~ 24 (cc=32 34)” | Yes | Yes | Yes |
| S046 | ~XX78 1 ~nnnn | 7E 30 30 37 38 20 31 0D | Security | “On with password ~nnnn = ~0000 (a= 7E 30 30 30 30) ~9999 (a=7E 39 39 39 39)” | Yes | Yes | Yes |
| S046 | ~XX78 | 7E 30 30 37 | Security | “Off (0/2 for | Yes | Yes | Yes |

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| | 0 ~nnnn | 38 20 32 20 a 0D | | backward compatible) with password ~nnnn = ~0000 (a=7E 30 30 30 30) ~9999 (a=7E 39 39 39 39)” | | | |
| S047 | ~XX79 n | 7E 30 30 37 39 20 a 0D | Projector ID | n = 00 (a=30 30) ~ 99 (a=39 39) | No | No | No |
| S048 | ~XX80 1 | 7E 30 30 38 30 20 31 0D | Mute | On | Yes | Yes | Yes |
| S048 | ~XX80 0 | 7E 30 30 38 30 20 30 0D | Mute | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S049 | ~XX81 n | 7E 30 30 38 31 20 a 0D | Volume (Audio) | n = 0 (a=30) ~ 10 (a=31 30) | Yes | Yes | Yes |
| S050 | ~XX82 1 | 7E 30 30 38 32 20 31 0D | Logo | Default | Yes | Yes | Yes |
| S050 | ~XX82 2 | 7E 30 30 38 32 20 32 0D | Logo | User | No | No | No |
| S050 | ~XX82 3 | 7E 30 30 38 32 20 33 0D | Logo | Neutral | Yes | Yes | Yes |
| S051 | ~XX88 0 | 7E 30 30 38 38 20 30 0D | Closed Captioning | Off | Yes | Yes | Yes |
| S051 | ~XX88 1 | 7E 30 30 38 38 20 31 0D | Closed Captioning | CC1 | Yes | Yes | Yes |
| S051 | ~XX88 2 | 7E 30 30 38 38 20 32 0D | Closed Captioning | CC2 | Yes | Yes | Yes |
| S052 | ~XX90 1 | 7E 30 30 39 31 20 31 0D | “Screen Type (Only for WXGA/WUXGA)” | 16:10 | Yes | No | Yes |
| S052 | ~XX90 0 | 7E 30 30 39 31 20 30 0D | - | 16:9 | Yes | No | Yes |
| S053 | ~XX91 1 | 7E 30 30 39 31 20 31 0D | Signal Automatic | On | Yes | Yes | Yes |
| S053 | ~XX91 0 | 7E 30 30 39 31 20 30 0D | Signal Automatic | Off | Yes | Yes | Yes |

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| S054 | ~XX101 1 | 7E 30 30 31 30 31 20 31 0D | High Altitude | On | Yes | Yes | Yes |
| S054 | ~XX101 0 | 7E 30 30 31 30 31 20 30 0D | High Altitude | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S055 | ~XX102 1 | 7E 30 30 31 30 32 20 31 0D | Information Hide | On | No | No | No |
| S055 | ~XX102 0 | 7E 30 30 31 30 32 20 30 0D | Information Hide | Off (0/2 for backward compatible) | No | No | No |
| S056 | ~XX103 1 | 7E 30 30 31 30 33 20 31 0D | Keypad Lock | On | No | No | No |
| S056 | ~XX103 0 | 7E 30 30 31 30 33 20 30 0D | Keypad Lock | Off (0/2 for backward compatible) | No | No | No |
| S057 | ~XX104 0 | 7E 30 30 31 30 34 20 30 0D | Background Color | None | Yes | Yes | Yes |
| S057 | ~XX104 1 | 7E 30 30 31 30 34 20 31 0D | Background Color | Blue | Yes | Yes | Yes |
| S057 | ~XX104 3 | 7E 30 30 31 30 34 20 33 0D | Background Color | Red | Yes | Yes | Yes |
| S057 | ~XX104 4 | 7E 30 30 31 30 34 20 34 0D | Background Color | Green | Yes | Yes | Yes |
| S057 | ~XX104 6 | 7E 30 30 31 30 34 20 36 0D | Background Color | Gray | Yes | Yes | Yes |
| S057 | ~XX104 7 | 7E 30 30 31 30 34 20 37 0D | Background Color | Logo | Yes | Yes | Yes |
| S058 | ~XX105 1 | 7E 30 30 31 30 35 20 31 0D | Direct Power On | On | Yes | Yes | Yes |

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| S058 | ~XX105 0 | 7E 30 30 31 30 35 20 30 0D | Direct Power On | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S059 | ~XX106 n | 7E 30 30 31 30 36 20 a 0D | “Auto Power Off (min) “ (5 minutes for each step).” | n = 0 (a=30) ~ 180 (a=31 38 30) | Yes | Yes | Yes |
| S060 | ~XX107 n | 7E 30 30 31 30 37 20 a 0D | “Sleep Timer (min) “ (30 minutes for each step).” | n = 0 (a=30) ~ 990 (a=39 39 30) | No | No | No |
| S061 | ~XX109 1 | 7E 30 30 31 30 39 20 31 0D | Lamp Reminder | On | No | No | No |
| | ~XX109 0 | 7E 30 30 31 30 39 20 30 0D | Lamp Reminder | Off (0/2 for backward compatible) | No | No | No |
| S062 | ~XX110 1 | 7E 30 30 31 31 30 20 31 0D | Brightness Mode | Bright | No | No | No |
| | ~XX110 2 | 7E 30 30 31 31 30 20 32 0D | Brightness Mode | Eco | Yes | Yes | Yes |
| | ~XX110 4 | 7E 30 30 31 31 30 20 34 0D | Brightness Mode | Dynamic | Yes | Yes | Yes |
| | ~XX110 6 | 7E 30 30 31 31 30 20 36 0D | Brightness Mode | Power | Yes | Yes | Yes |
| S063 | ~XX111 1 | 7E 30 30 31 31 31 20 31 0D | Lamp Reset | Yes | No | No | No |
| S064 | ~XX112 1 | 7E 30 30 31 31 32 20 31 0D | Reset to Default Yes (P.S When security is off) | “Yes with no password (Security is Off)” | Yes | Yes | Yes |
| S065 | ~XX112 1 ~nnnn | 7E 30 30 31 31 32 20 31 0D | Reset to Default Yes (P.S When security is On/ Off) | “Yes with no password (Security is Off)” | Yes | Yes | Yes |
| S066 | ~XX113 1 | 7E 30 30 31 31 33 20 31 | Signal Power On | On | Yes | Yes | Yes |

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| | | 0D | | | | | |
| | ~XX113 0 | 7E 30 30 31 31 33 20 30 0D | Signal Power On | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S067 | ~XX114 1 | 7E 30 30 31 31 34 20 31 0D | Power Mode (Standby) | Active | Yes | Yes | Yes |
| | ~XX114 0 | 7E 30 30 31 31 34 20 30 0D | Power Mode (Standby) | Eco. (<0.5W) | Yes | Yes | Yes |
| S068 | ~XX115 1 | 7E 30 30 31 31 35 20 31 0D | Quick Resume | On | No | No | No |
| | ~XX115 0 | 7E 30 30 31 31 35 20 30 0D | Quick Resume | Off (0/2 for backward compatible) | No | No | No |
| S069 | ~XX140 10 | 7E 30 30 31 34 30 20 31 30 0D | IR Function | Up | Yes | Yes | Yes |
| | ~XX140 11 | 7E 30 30 31 34 30 20 31 31 0D | IR Function | Left | Yes | Yes | Yes |
| | ~XX140 12 | 7E 30 30 31 34 30 20 31 32 0D | IR Function | Enter (for Projection MENU) | Yes | Yes | Yes |
| | ~XX140 13 | 7E 30 30 31 34 30 20 31 33 0D | IR Function | Right | Yes | Yes | Yes |
| | ~XX140 14 | 7E 30 30 31 34 30 20 31 34 0D | IR Function | Down | Yes | Yes | Yes |
| | ~XX140 15 | 7E 30 30 31 34 30 20 31 35 0D | IR Function | Keystone + | Yes | Yes | Yes |
| | ~XX140 16 | 7E 30 30 31 34 30 20 31 36 0D | IR Function | Keystone – | Yes | Yes | Yes |
| | ~XX140 | 7E 30 30 31 | IR Function | Volume – | Yes | Yes | Yes |

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|------|--------------|-------------------------------------|--------------|--------------------------------|-----|-----|-----|
| | 17 | 34 30 20 31 37 0D | | | | | |
| | ~XX140 18 | 7E 30 30 31 34 30 20 31 38 0D | IR Function | Volume + | Yes | Yes | Yes |
| | ~XX140 19 | 7E 30 30 31 34 30 20 31 39 0D | IR Function | Brightness | Yes | Yes | Yes |
| | ~XX140 20 | 7E 30 30 31 34 30 20 32 30 0D | IR Function | Menu | Yes | Yes | Yes |
| | ~XX140 21 | 7E 30 30 31 34 30 20 32 31 0D | IR Function | Zoom | Yes | Yes | Yes |
| | ~XX140 28 | 7E 30 30 31 34 30 20 32 38 0D | IR Function | Contrast | Yes | Yes | Yes |
| | ~XX140 47 | 7E 30 30 31 34 30 20 34 37 0D | IR Function | Source | Yes | Yes | Yes |
| S070 | ~XX195 0 | 7E 30 30 31 39 35 20 30 0D | Test Pattern | Off | Yes | Yes | Yes |
| | ~XX195 1 | 7E 30 30 31 39 35 20 31 0D | Test Pattern | Grid (White) | Yes | Yes | Yes |
| | ~XX195 2 | 7E 30 30 31 39 35 20 32 0D | Test Pattern | White | Yes | Yes | Yes |
| | ~XX195 3 | 7E 30 30 31 39 35 20 33 0D | Test Pattern | Grid (Green) | Yes | Yes | Yes |
| | ~XX195 4 | 7E 30 30 31 39 35 20 34 0D | Test Pattern | Grid (Magenta) | Yes | Yes | Yes |
| S071 | ~XX200 n | 7E 30 30 32 30 30 20 a 0D | White level | n = 0 (a=30) ~ 31 (a=33 31) | No | No | No |

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| S072 | ~XX201 n | 7E 30 30 32 30 31 20 a 0D | Black level | n = -5 (a=2D 35) ~ 5 (a=35) | No | No | No |
| S073 | ~XX204 1 | 7E 30 30 32 30 34 20 31 0D | IRE | 0 | No | No | No |
| | ~XX204 0 | 7E 30 30 32 30 34 20 30 0D | IRE | 7.5 | No | No | No |
| S074 | ~XX210 n | 7E 30 30 32 30 30 20 n 0D | Display message on the OSD | n: 1-30 characters | Yes | Yes | Yes |
| S075 | ~XX215 1 | 7E 30 30 32 31 35 20 31 0D | Colour Setting | Reset | Yes | Yes | Yes |
| S076 | ~XX230 0 | 7E 30 30 32 33 30 20 30 0D | 3D Mode | Off | Yes | Yes | Yes |
| | ~XX230 1 | 7E 30 30 32 33 30 20 31 0D | 3D Mode | DLP-Link | Yes | Yes | Yes |
| S077 | ~XX231 0 | 7E 30 30 32 33 31 20 30 0D | 3D Sync Invert | Off | Yes | Yes | Yes |
| | ~XX231 1 | 7E 30 30 32 33 31 20 31 0D | 3D Sync Invert | On | Yes | Yes | Yes |
| S078 | ~XX313 1 | 7E 30 30 33 31 33 20 31 0D | Information Menu | On | Yes | Yes | Yes |
| | ~XX313 0 | 7E 30 30 33 31 33 20 30 0D | Information Menu | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S079 | ~XX320 1 | 7E 30 30 33 32 30 20 31 0D | Optional Filter Installed | Yes | No | No | No |
| | ~XX320 0 | 7E 30 30 33 32 30 20 30 0D | Optional Filter Installed | No (0/2 for backward compatible) | No | No | No |

| | | | | | | | |
|------|-------------|----------------------------------|---------------------------------|--|-----|-----|-----|
| S080 | ~XX322 0 | 7E 30 30 33 32 32 20 30 0D | Filter Reminder | Off | No | No | No |
| | ~XX322 1 | 7E 30 30 33 32 32 20 31 0D | Filter Reminder | 300hr | No | No | No |
| | ~XX322 2 | 7E 30 30 33 32 32 20 32 0D | Filter Reminder | 500hr | No | No | No |
| | ~XX322 3 | 7E 30 30 33 32 32 20 33 0D | Filter Reminder | 800hr | No | No | No |
| | ~XX322 4 | 7E 30 30 33 32 32 20 34 0D | Filter Reminder | 1000hr | No | No | No |
| S081 | ~XX323 1 | 7E 30 30 33 32 33 20 31 0D | Filter Reset | Yes | No | No | No |
| S082 | ~XX327 n | 7E 30 30 33 32 37 20 a 0D | Colour Setting Red Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S083 | ~XX328 n | 7E 30 30 33 32 38 20 a 0D | Colour Setting Green Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S084 | ~XX329 n | 7E 30 30 33 32 39 20 a 0D | Colour Setting Blue Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S085 | ~XX330 n | 7E 30 30 33 33 30 20 a 0D | Colour Setting Cyan Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S086 | ~XX331 n | 7E 30 30 33 33 31 20 a 0D | Colour Setting Yellow Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S087 | ~XX332 n | 7E 30 30 33 33 32 20 a 0D | Colour Setting Magenta Hue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S088 | ~XX333 n | 7E 30 30 33 33 33 20 a 0D | Colour Setting Red Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |

| | | | | | | | |
|------|-------------|---------------------------------|-------------------------------------|--|-----|-----|-----|
| S089 | ~XX334 n | 7E 30 30 33 33 34 20 a 0D | Colour Setting Green Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S090 | ~XX335 n | 7E 30 30 33 33 35 20 a 0D | Colour Setting Blue Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S091 | ~XX336 n | 7E 30 30 33 33 36 20 a 0D | Colour Setting Cyan Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S092 | ~XX337 n | 7E 30 30 33 33 37 20 a 0D | Colour Setting Yellow Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S093 | ~XX338 n | 7E 30 30 33 33 38 20 a 0D | Colour Setting Magenta Stutation | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S094 | ~XX339 n | 7E 30 30 33 33 39 20 a 0D | Colour Setting Red Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S095 | ~XX340 n | 7E 30 30 33 34 30 20 a 0D | Colour Setting Green Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S096 | ~XX341 n | 7E 30 30 33 34 31 20 a 0D | Colour Setting Blue Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S097 | ~XX342 n | 7E 30 30 33 34 32 20 a 0D | Colour Setting Cyan Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S098 | ~XX343 n | 7E 30 30 33 34 33 20 a 0D | Colour Setting Yellow Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S099 | ~XX344 n | 7E 30 30 33 34 34 20 a 0D | Colour Setting Magenta Gain | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S100 | ~XX345 n | 7E 30 30 33 34 35 20 a 0D | Colour Setting White Red | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S101 | ~XX346 n | 7E 30 30 33 34 36 20 a 0D | Colour Setting White Green | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |

| | | | | | | | |
|------|-------------|----------------------------------|------------------------------|--|-----|-----|-----|
| S102 | ~XX347 n | 7E 30 30 33 34 37 20 a 0D | Colour Setting White Blue | n = -50 (a=2D 35 30) ~ 50 (a=35 30) | Yes | Yes | Yes |
| S103 | ~XX348 1 | 7E 30 30 33 34 38 20 31 0D | Display Mode Lock | On | No | No | No |
| S103 | ~XX348 0 | 7E 30 30 33 34 38 20 30 0D | Display Mode Lock | Off | No | No | No |
| S104 | ~XX400 0 | 7E 30 30 34 30 30 20 30 0D | 3D→2D | 3D | Yes | Yes | Yes |
| S104 | ~XX400 1 | 7E 30 30 34 30 30 20 31 0D | 3D→2D | L | Yes | Yes | Yes |
| S104 | ~XX400 2 | 7E 30 30 34 30 30 20 32 0D | 3D→2D | R | Yes | Yes | Yes |
| S105 | ~XX405 0 | 7E 30 30 34 30 35 20 30 0D | 3D Format | Auto | Yes | Yes | Yes |
| S105 | ~XX405 1 | 7E 30 30 34 30 35 20 31 0D | 3D Format | SBS | Yes | Yes | Yes |
| S105 | ~XX405 2 | 7E 30 30 34 30 35 20 32 0D | 3D Format | Top and Bottom | Yes | Yes | Yes |
| S105 | ~XX405 3 | 7E 30 30 34 30 35 20 33 0D | 3D Format | Frame Sequential | Yes | Yes | Yes |
| S106 | ~XX506 0 | 7E 30 30 35 30 36 20 30 0D | Wall Colour | OFF (Whiteboard) | Yes | Yes | Yes |
| S106 | ~XX506 1 | 7E 30 30 35 30 36 20 31 0D | Wall Colour | Blackboard | Yes | Yes | Yes |
| S106 | ~XX506 7 | 7E 30 30 35 30 36 20 37 0D | Wall Colour | Light Yellow | Yes | Yes | Yes |

| | | | | | | | |
|------|-------------|----------------------------------|----------------|---|-----|-----|-----|
| S106 | ~XX506 3 | 7E 30 30 35 30 36 20 33 0D | Wall Colour | Light Green | Yes | Yes | Yes |
| S106 | ~XX506 4 | 7E 30 30 35 30 36 20 34 0D | Wall Colour | Light Blue | Yes | Yes | Yes |
| S106 | ~XX506 5 | 7E 30 30 35 30 36 20 35 0D | Wall Colour | Pink | Yes | Yes | Yes |
| S106 | ~XX506 6 | 7E 30 30 35 30 36 20 36 0D | Wall Colour | Gray | Yes | Yes | Yes |
| S107 | ~XX511 0 | 7E 30 30 35 31 31 20 30 0D | HDMI Link(CEC) | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S107 | ~XX511 1 | 7E 30 30 35 31 31 20 31 0D | HDMI Link(CEC) | On | Yes | Yes | Yes |
| S108 | ~XX563 0 | 7E 30 30 35 36 33 20 30 0D | Auto Source | Off (0/2 for backward compatible) | Yes | Yes | Yes |
| S108 | ~XX563 1 | 7E 30 30 35 36 33 20 31 0D | Auto Source | On | Yes | Yes | Yes |

14. SPECIFICATIONS



INFORMATION

All specifications are subject to change without notice.

Specifications for the 50 Series can be found [here](#)

Specifications for the 55 Series can be found [here](#)

15. PRODUCT COMPLIANCE

FCC COMPLIANCE STATEMENT – CLASS B

This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual may cause interference to radio communications. It has been tested and found to comply with the limits for a Class “B” computing device pursuant to Subpart B of Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference when operated in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, or any other form of communication, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance may void the user’s authority to operate the product. Where shielded interface cables have been provided with the product, specified additional components or accessories elsewhere defined to be used with the installation of the product, they shall be used in order to ensure compliance with FCC regulations.



INFORMATION

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

INDUSTRY CANADA REGULATORY INFORMATION

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.

INSTRUCTIONS TO USERS: This equipment complies with the requirements of FCC equipment

provided that the following conditions are met. If the cables include a EMI ferrite core, attach the ferrite core end of the cable to the projector. Use the cables which are included with the projector or specified.

****Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

Complies with IDA Standards DA103121

EU COMPLIANCE

Our Superior Series CE declaration of conformity can be found [Here](#), under the SUPPORT section of the page.

Our Core Series CE declaration of conformity can be found [Here](#), under the SUPPORT section of the page.



INFORMATION

CE COMPLIANCE STATEMENT

Electromagnetic Compatibility Statement: Meets 2014/30/EU Directive

Low Voltage Directive: Meets 2014/35/EU Directive

UK COMPLIANCE

Our Superior Series UKCA declaration of conformity can be found [Here](#), under the SUPPORT section of the page.

Our Core Series UKCA declaration of conformity can be found [Here](#), under the SUPPORT section of the page.



INFORMATION

UKCA COMPLIANCE STATEMENT

Electromagnetic Compatibility Regulations 2016

Electrical Equipment (Safety) Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Manufacturer, Importer and Authorised Representative in accordance with

natational directives

Manufacturer

Maxnerva Technology Services Limited

Room 1001, 10/F, Houston Centre, 63 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.

EU Importer

Grand Field Technology Limited

Room 1001, 10/F, Houston Centre, 63 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.

EU Authorised Representative

24Hour-AR

Storgatan 51, 903 26 Umeå, Sweden

+46 (0)10-424 00 20

info@24hour-ar.com

www.24hour-ar.com

UK Authorised Representative in accordance with UK regulations

Independent Quality Solutions Ltd

Enterprise House, Wrest Park, Silsoe, Bedfordshire, MK45 4HR

+44 (0)1462 713322

enquiries@i-q-s.co.uk

www.i-q-s.co.uk

Russian Authorised Representative

InFocus has appointed AUVIX LLC, 129085, c. Moscow, Zvezdny Boulevard, 21, bldg. 1. as the authorised representative in

Russia and this product is compliant with TR TC 004/2011, TR TC 020/2011 and TR CU 020/2011 local conformity testing and approvals.

InFocus назначил ООО « АУВИКС », 129085, г. Москва, Звездный бульвар, д. 21, стр. 1., в качестве официального

представителя в России, и этот продукт соответствует требованиям TR TC 004/2011, TR TC 020/2011 и TR CU 020 /

2011г. местные испытания на соответствие и согласования

ООО « АУВИКС

129085, г. Москва, Звездный бульвар, д. 21, стр. 1

+7 (495) 797-57-75

info@auvix.ru

US Importer and Local Representative in accordance with FCC regulations

Maxnerva Technology Services USA LLC
13190 SW 68th Parkway, Suite 120
Portland, Oregon 97223,

16. WARRANTY

INFOCUS LIMITED WARRANTY

For product purchases effective 1st January 2021

WARRANTY STATEMENT

InFocus warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, InFocus will, at its sole option, repair or replace the product with a similar product. Replacement Products or parts may include remanufactured or refurbished parts or components. The replacement unit will be covered by the balance of time remaining on the customer's original limited warranty. InFocus provides no warranty for any third-party software whether included with the product or installed by the customer, installation of any unauthorized or third-party hardware parts or components (e.g. Projector Lamps).

DEAD ON ARRIVAL (DOA)

All brand new InFocus products carry a thirty (30) day Dead on Arrival (DOA) warranty policy for the first consumer purchaser. A new replacement unit will be provided if the Product is found to be non-operational within thirty (30) days of purchase and freight shall be covered both ways by InFocus.

WHO THE WARRANTY PROTECTS

This warranty is valid only for the first consumer purchaser, it is nontransferable.

WARRANTY PERIOD

| PRODUCT | WARRANTY PERIOD |
|---|---|
| Laser Illumination Projectors | 5 years or 20,000 hours whichever comes first |
| Lamp Illumination and LED Illumination Projectors | 2 years |
| Interactive Touch Displays | 3 years |
| OPS and Slotable PC's | 1 year |
| Original Lamp Contained Within Projector | 1 year or 1,000 hours whichever comes first |
| Replacement lamps and Other Accessories | 3 Months |

WHAT THE WARRANTY DOES NOT COVER

1. Any product on which the serial number has been defaced, modified, or removed.
2. Damage, deterioration, or malfunction resulting from:
 - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - b. Repair or attempted repair by anyone not authorized by InFocus.
 - c. Damage to or loss of any programs, data, or removable storage media.

- d. Software or data loss occurring during repair or replacement.
- e. Any damage to the product due to shipment.
- f. Removal or installation of the product.
- g. Causes external to the product, such as electric power fluctuations or failure.
- h. Use of supplies or parts not meeting InFocus specifications.
- i. Normal wear and tear.
- j. Failure of owner to perform periodic product maintenance as stated in User Guide.
- k. Any other cause which does not relate to a product defect.
- l. Damage caused by static (non-moving) images displayed for lengthy periods of time (image burn-in)
- m. Any third-party software included with the product or installed by the customer.
- n. Installation of any unauthorized hardware, accessories, consumable parts, or components
- o. Damage to, or abuse of, the coating on the surface of the display through inappropriate cleaning as described in product User Guide.

OBTAINING WARRANTY SERVICE

Submit your request to us online: [Here](#) or contact your local InFocus support which can be found [Here](#)

Be sure to read our RMA instructions closely to ensure a smooth and timely process of your report, these will be sent to you with the RMA confirmation.



INFORMATION

Products presented for delivery at InFocus repair or logistics center without an assigned RMA will be refused and returned to the sender. Products delivered to InFocus repair or logistics center damaged will be held and customers will be notified. It is the responsibility of the sender to file claims directly with their freight carrier company.

LIMITATION OF IMPLIED WARRANTIES

To the extent allowed by local law, this product is provided to you “as is” without warranties or conditions of any kind, whether oral or written, express or implied. InFocus specifically disclaims any implied warranties or conditions of merchantability, satisfactory quality, noninfringement and fitness for a particular purpose.

EXCLUSION OF DAMAGES

InFocus’s liability is limited to the cost of repair or replacement of the product. InFocus shall not be liable for;

- 1} Damage to other property caused by any defects in the product.
- 2} Damages based upon inconvenience, lost profit, lost data or downtime costs, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
- 3} Any other damages, whether direct, special, incidental, consequential, or otherwise.

4} Any claim against the customer by any other party.

LOCAL LAW

This warranty gives you specific legal rights, and you may also have other rights which vary from locality to locality. Some localities do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

TRADEMARKS

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