newline



DSX Series

Intelligent Display

User Manual V1.0

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Welcome to the world of **Newline.**

Thank you for choosing the **Newline DSX** series Smart Flat Panel Display.Please use this document to get the most out of your screen.

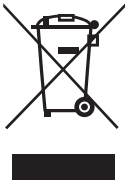
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with limits for a Class B digital device,pursuant to part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on,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 equipment and receiver.
- Connect the equipment into 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The symbol of the crossed out wheeled bin indicates this machine should not be placed in municipal waste. Instead,dispose of waste equipment by handing it over to a designated collection point for the recycling of electrical and electronic equipment.



Energy Star Compliance.



Signage Displays with Plug-in Module.

As an ENERGY STAR Partner, Newline Interactive Inc., has followed the EPA's enhanced Product qualification and certification process to ensure

that the products marked with the ENERGY STAR logo are ENERGY STAR guidelines for energy efficiency.The logo appears on the pen tray near fort connections on all ENERGY STAR qualified Signage Displays.

The ENERGY STAR program for Signage Displays was created by EPA to promote energy efficiency and reduce air pollution through more energy-efficient equipment in offices,classrooms and factories. One way that a product achieve this goal is by using a power management feature to reduce power consumption when the product is not in use.

In the event that brightness settings or power mode settings are changed by the user, energy consumption of the display may increase beyond the limits required for ENERGY STAR certification.

Additional information on the ENERGY STAR program and its environment benefits are available on the EPA ENERGY STAR Power Management website at http://www.energystar.gov/powermanagement.

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For production, above information will need to be available for the Energy Star V8 build from 27th January 2020.

DSX-4326: Manufacturer-reported maximum luminance LMax Reported is 788 cd/m2.
DSX-5526: Manufacturer-reported maximum luminance LMax Reported is 875 cd/m2.
DSX-6526: Manufacturer-reported maximum luminance LMax Reported is 833 cd/m2.
DSX-7526: Manufacturer-reported maximum luminance LMax Reported is 760 cd/m2.
DSX-8626: Manufacturer-reported maximum luminance LMax Reported is 896 cd/m2.

Symbol Conventions

Symbols are used in this document to indicate operations that need particular attention. The symbols are defined as follows:

NOTE	Provides additional information to supplement operation in the main text.
CAUTION	Indicates a potentially hazardous situation that, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results.
WARNING	Indicates a hazard with risk that, if not avoided, could result in death or injury.

Safety Instruction

For your safety, please read the following instruction before you use the machine. Serious injury or property damage may be caused by improper operations. Do not try to repair the machine on your own.

⚠ WARNING	
	Disconnect the machine from power supply immediately if major failures occur. Major failures include the following: • Smoke, peculiar smell or abnormal sound is discharged from the machine. • No image or sound is displayed, or the image error occurs. In the preceding scenarios, do not continue to use the machine. Disconnect power supply immediately and contact professional staff for troubleshooting.
	Do not drop liquid,metal or anything combustible into the machine. • if any liquid or metal is dropped into machine,power off the machine and disconnect power supply,then contact professional staff for solutions. • Pay attention to children when they are close to the machine.
	Put the machine on a stable surface. An unstable surface includes and does not limited to an inclined plane, a shaky stand, desk or platform, which might cause turnover and damage.
	Do not open the cover or change the machine on your own. High voltage components are installed in the machine. When you open the cover, high voltage, electric shock, or other dangerous situations may occur.If inspection, adjustment, or maintenance is required, contact the local distributor for help.
	Use the specified power supply. • To prevent the machine from being damaged, do not use any types of power cables other than the one provided with the machine. • Use a three-wire socket and ensure that it is properly grounded. • Pull out the power plug from the socket if the machine is not used for a long period.
	Clean the dust and metal on the power plug regulary. • Fire or electric shock may be caused if the machine is powered on, when you are cleaning. • Pull out the power plug before cleaning it with a dried cloth.
	Do not put items on the top of the machine. • Do not put items,such as a container for liquid (a vase,flowerpot,cosmetics or liquid medicine) on the top of the machine. • If any water or liquid is spilled on the machine, a short circuit may occur and cause fire or electric shock. • Do not walk on or hang any items on the machine.

⚠ WARNING	
	Do not install the machine in an improper place. • Do not install the machine in humid places, such as the bathroom, the shower room, near windows, or outdoor environments that experience rain, snow or other harsh weather. Avoid installation near hot spring vapor. The preceding environments may cause faults in the machine or electric shock under extreme conditions. • Do not put exposed fire source,such as an ignited candle,on the machine.
	Pull out the power plug during thunderstorms. • Do not touch the machine during a lighting storm to avoid electric shock. • Install or place components that supply high enough voltage to cause personal injury out of the reach of children.
	Do not touch the power cable with wet hands.

⚠ CAUTION	
	Do not install the machine in high temperature environments. • Do not install the machine near a heat source, such as a radiator, a heat reservoir, a stove or other heating machines. • Do not expose the machine to direct sunlight, which may cause high temperatures and subsequent faults in the machine.
	For transport: • Pack the machine for transport or maintenance by using the cartons and cushioning material provided with the machine. • Vertically move the machine during transport.The screen or other components are easily broken if the machine is moved by an improper way. • Before you move the machine, disconnect all external connections and separate all toppling preventing machines. Move the machine carefully to prevent it from being hit or squeezed, especially the screen, which may cause injury if broken.
	Do not cover or block up any vents on the machine. • Any overheated components may cause fire,damage the machine,and shorten the service life. • Do not lay the machine down where the venting surface will be covered. • Do not install the machine on a carpet or cloth. • Do not use a cloth such as table cloth to cover the machine.

⚠ CAUTION

Keep away from the machine when you use a radio.

The machine complies with the international EMI standard to pervent radio interference. However, interference may still exists and causes noise in the radio. If noise occurs in the radio, try the following solutions.

- Adjust the direction of the radio antenna to avoid the interference from the machine.
- Keep the radio away from the machine.

Use the battery correctly.

- Galvanic corrosion,electric leakage,and even fire may be caused by improper battery usage.
- It is recommended to use the designated type of battery and install the battery by correct electrodes (positive and negative).
- Do not install and use new battery with a used one.
- Take out the battery if the remote control is not used for a long period.
- Do not expose the battery to overheated environments such as sunlight and firing.
- Dispose of the used battery based on your local regulations.

Do not damage the power cable.

- Do not damage, change, twist, bend, or forcibly drag the power cable.
- Do not put weights (such as the machine itself) on the power cable.
- Do not forcibly drag the cable when you pull out the power plug. If the power cable is damaged, please contact the local distributor to repair or replace it.
- The power cable in the accessory box is for this machine only. Do not use it on other machines.

Additional advice:

- Use the machine in an environment with comfortable lighting. It is harmful to your eyes to watch in a too bright or too dark environment.
- Relax your eyes after a period of time for watching.
- Keep sufficient distance from the machine to protect your eyes and prevent eyestrain.
- Adjust the volume to an appropriate level, especially at night.
- Use amplifier equipment as the audio input source with caution.If you must use amplifier equipment,the input power should not exceed the maximum of speaker power. Otherwise, the speaker can become overpowered and damaged.

⚠ CAUTION ⚠

Electrical Shock Hazard.
Remove power before servicing.
Please contact a qualified technician for servicing.

⚠ ATTENTION ⚠

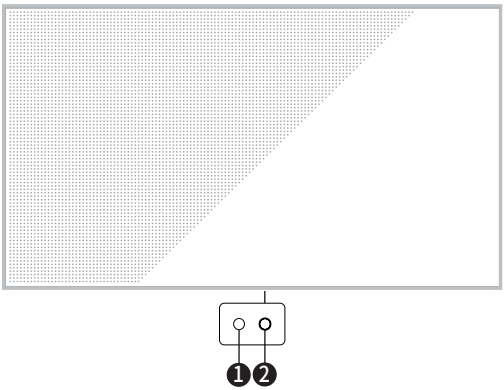
Danger de choc électrique.
Coupez l'alimentation avant de procéder à l'entretien.
Veuillez contacter un technicien qualifié pour l'entretien.

1 Part and Functions

Parts

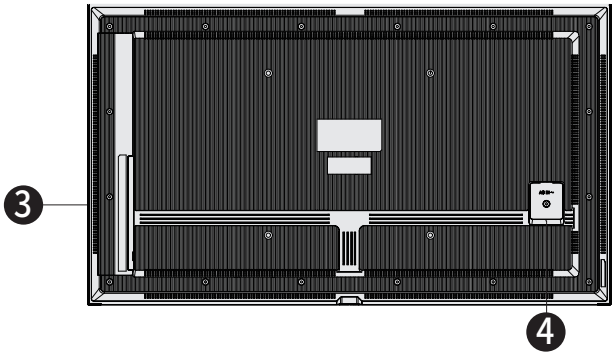
◆ Front View

● DSX-4326/DSX-5526/DSX-6526/DSX-7526/DSX-8626

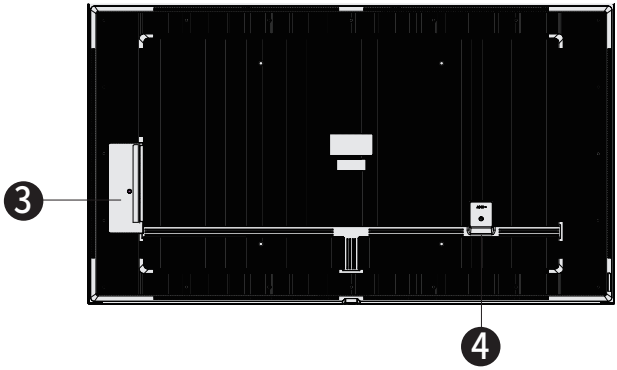


◆ Rear View

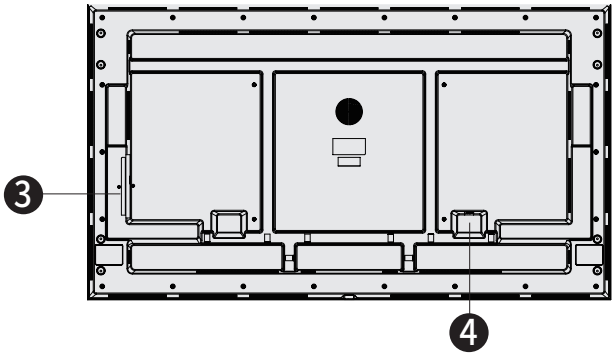
● DSX-4326



- DSX-5526/DSX-6526/DSX-7526



- DSX-8626



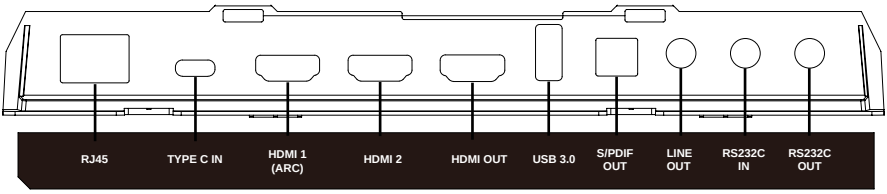
1. Indicator Light
2. Power Switch
3. Rear Ports
4. Power Supply Plug

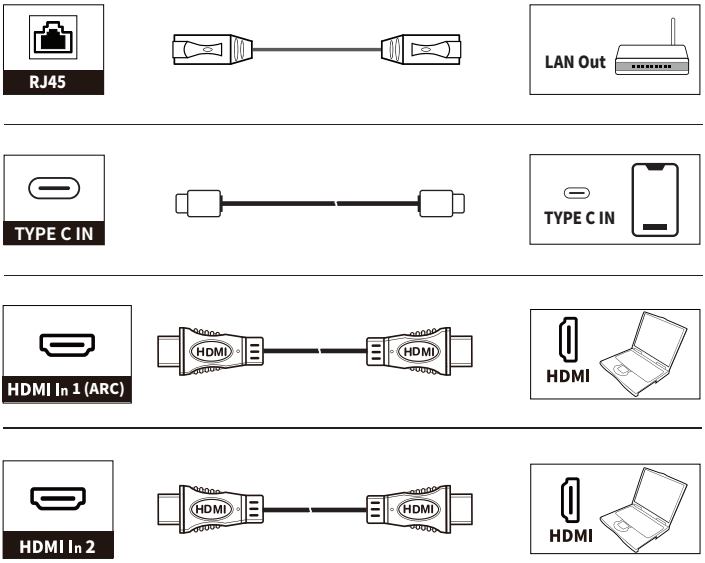
◆ Rear Ports

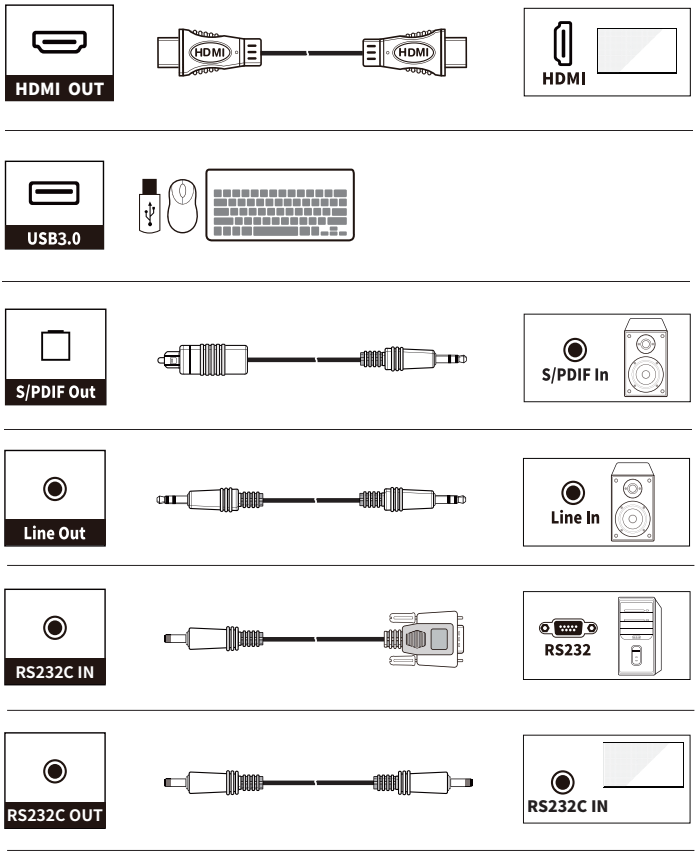
CAUTION

- While HDMI offers support for cables of varying lengths, the maximum cable length that Newline recommends for optimal perfommance is 3 meters (10 feet) for HDMI and1.8 meters (around 6 feet) for Display Port. Using cable longer than recommended length may cause data loss and a negative impact to display quality.

- Right interface







Note

Please do not connect a 2.4G wireless mouse and USB 3.0 devices simultaneously, on the left back side of the display, in order to avoid the interference.

Remote Control

CAUTION

Carefully read the following instructions before using the remote control to avoid possible faults:

- Do not drop or damage the remote control.
- Do not spill water or other liquids on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near an overheating heat source.



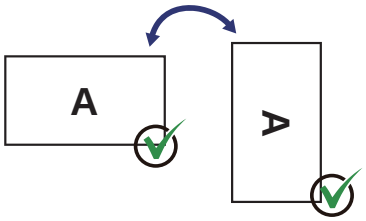
Bottons	Operations
⏻	Power On/Off/Sleep/Restart
🔇	Mute/Unmute Audio.
⌂	Go back to Home page
☰	Open the system menu
‹ ^ › v	Up/Down/Left/Right
OK	Confirm/OK
←	Return to Previous/Exit
⎆	To select input source.
USB	To access File Commander.
🔊+/🔊−	To control the volume.
⌨	To access WiFi channel and wired network channel under settings.
🖱	Open/turn off the wireless mouse mode
⚙	To display the Settings menu.
⋮⋮⋮	To access application list page.
SMART	To start pairing Bluetooth accessories.

Safety Precautions

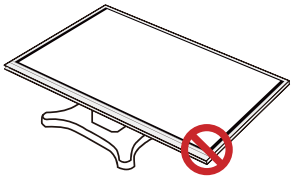
◆ Installation Environment



◆ Installation Direction



This product can be mounted horizontally or vertically
43/55/65/75/86inch



Do Not Lay Flat
43/55/65/75/86inch

Installation Precautions

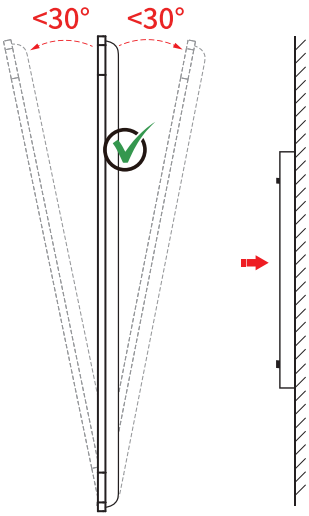
- **When using a mobile stand, ensure that the weight of the machine is less than the loading capacity of the mobile stand.**
- When using the wall-mount bracket, ensure that the wall can support the weight of the machine. We recommend that the wall surface be reinforced and have a loading capacity 4 times of the weight of the machine. Consult a professional installer for wall-mount installation.

📖 Note

- The company does not undertake relevant legal responsibility for any problems caused by improper operation, if the third party mobile stand, or wall-mount bracket is beyond the scope of the machine.
- Do not install the machine where it might be hit by a door.

◆ Vertical installation

Supports mounting at 30° tilt angle

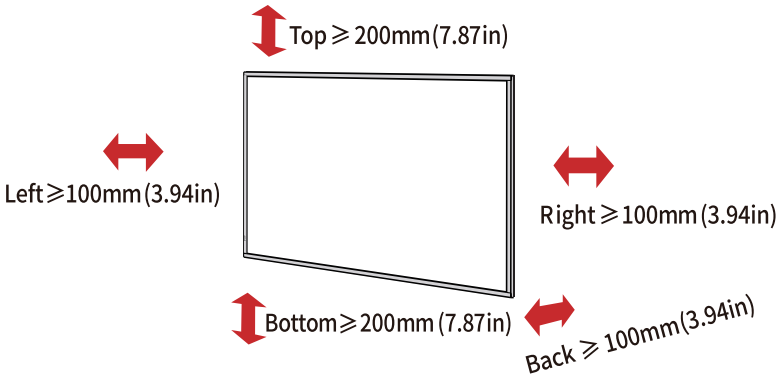


Note

For any problem, please contact our support desk. Our company is not responsible for any damage or losses incurred by users if the users fails to follow the instructions.

◆ Ventilation

Ensure adequate ventilation and/or air conditioning environment. We recommend keeping certain distances from the side of the machine to the wall or panels. Ventilation requirements are shown in following figure.



Installation

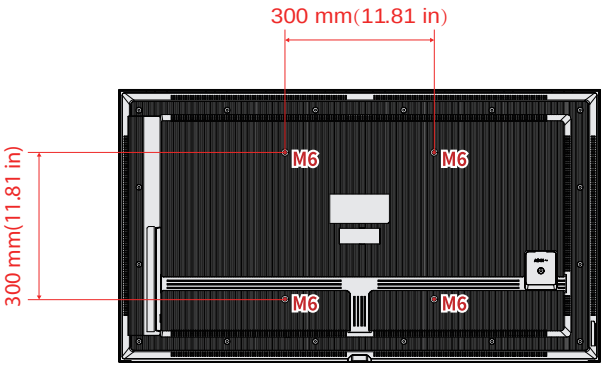
The dimensions of the four bracket mounting holes on the back panel are VESA MIS-F compliant. Dimensions of the mounting holes on the back panel are shown on the following figue.

- DSX-4326: 300 x 300 mm /11.81 x 11.81in;
- DSX-5526: 400 x 400 mm /15.75 x 15.75in;
- DSX-6526/DSX-7526: 500 x 500 mm/19.68 x 19.68 in;
- DSX-8626: 700 x 500 mm/27.56 x 19.68 in.

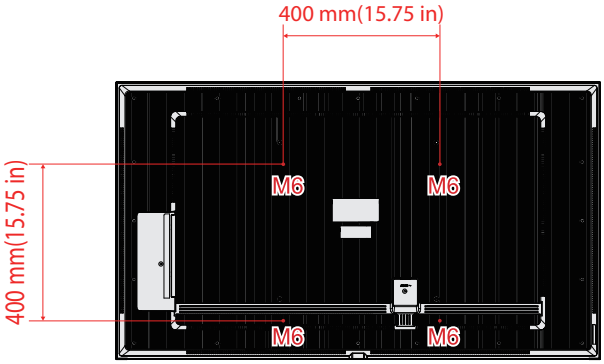
Note

- Consult a professional installer to install the machine.

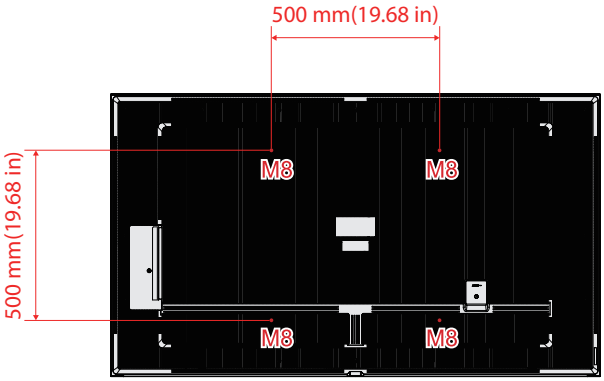
43"



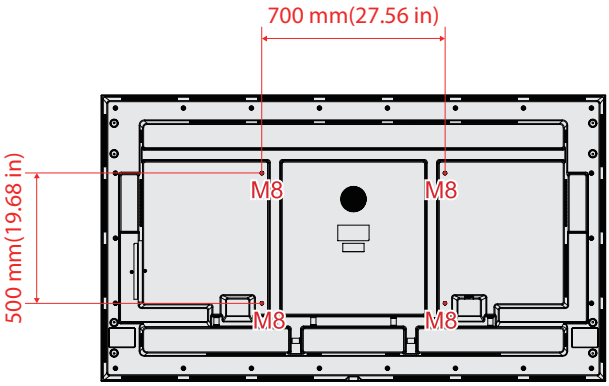
55"



65"/75"


500 mm(19.68 in)
500 mm(19.68 in)
M8
M8
M8
M8

85"


700 mm(27.56 in)
500 mm(19.68 in)
M8
M8
M8
M8

3 Turning On/Off

Power On

Step 1:

Plug the power supply into the power outlet fully and plug the power connector into the side of the machine. Ensure the power is in the range of 100 V to 240 V with frequency at 50 Hz/60 Hz ± 5%. The power current must be grounded.

Note

The power outlet should be installed near the machine and shall be easily accessible.

Step 2:

Press the “Power” button on the bottom or on the remote control.

Power Off

Step 1:

Press the “**Power Off**” button on the bottom or press on the remote control,the power indicator will turn to red.

Step 2:

If you are not going to use the display for anextended period of time, we recommend you to switch the power switch to "Off".

Initial Settings

Entry conditions: 1. First boot; 2. Factory reset

Interaction methods: 1. Remote control; 2. Wireless flymouse/external mouse control

Note

If the boot guide process is not fully completed midway, the boot guide will be resumed every time the device is powered on. (Connected Wi-Fi settings will be saved.)

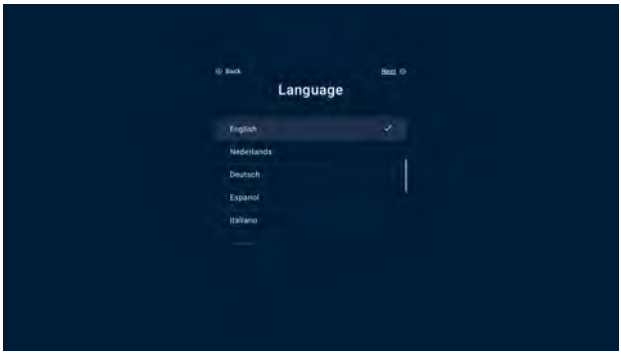
Step 1: Direction setup

Select landscape or portrait display orientation, with landscape set as the default.



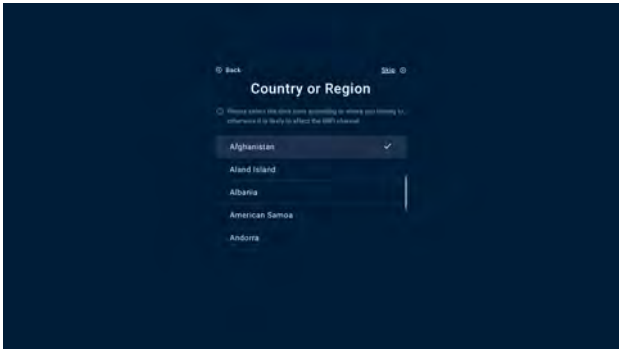
Step 2: Language

Select language, with English set as default. Multiple languages are supported.After completing language selection, press the "OK" button on the remote control to proceed to the next step.



Step 3: Country or Region

Select time zone,After completing Country or Region selection, press the "OK" button on the remote control to proceed to the next step.



Step 4: Device Name

Set the device name. Modification is supported. Default: DSX-AA26-XXXX (where AA indicates the size and XXXX represents the last four digits of the wired MAC address).



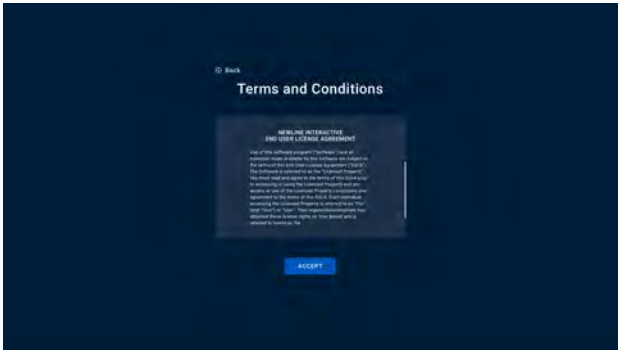
Step 5: Choose a Wi-Fi Connection

Choose a WiFi connection to complete the network setup.



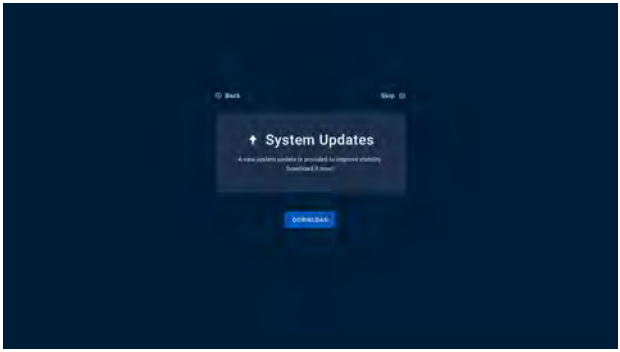
Step 6: Terms and Conditions

The Terms and Conditions will be shown on screen. Read them carefully to understand your rights and service terms.After reading,Click "**ACCEPT**" to proceed to the next step.



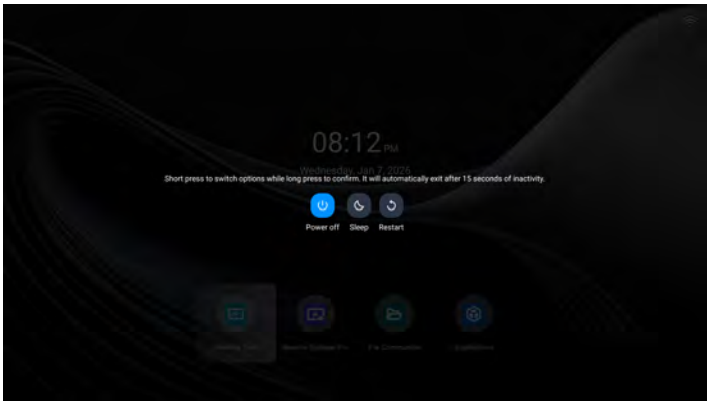
Step 7: System Updates

Check for new versions, support skipping or OTA to the latest version.

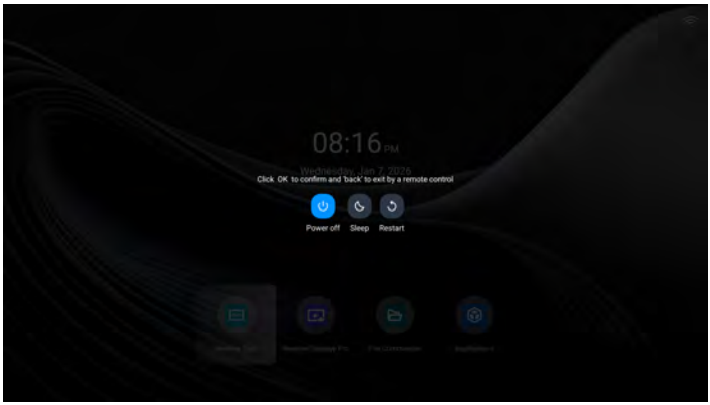


Power Option

Press the physical power button once to enter the power option menu (Power off/Sleep/Restart). Short press to switch options and long press to confirm. It will automatically exit this menu after 15 seconds of inactivity.



Press the ⏻ button on the remote control to enter the power option menu, including Power off (default)/Sleep/Restart. Press “OK” to confirm your option.



Standby Modes

Standby mode include **True Power Off Mode**, **Fast Boot Mode** and **Sleep Mode.**

True Power Off Mode

When the Fastboot (Enable WoL and WoWLAN) option is turned off, selecting Power Off will cause the panel to enter **True Power Off Mode.**At this time, the panel is completely powered down with all components turned off.In this state,the panel can only be powered back on through certain predefined methods such as physical power button, RS232, Auto Power On or a remote control signal.

Fast Boot Mode

When the Fastboot (Enable WoL and WoWLAN) option is turned on, selecting Power Off will cause the panel to enter **Fast Boot Mode**.This is a low-power state that allows the panel to quickly resume full operation while conserving energy.It can be powered on by various signals such as physical power button,Wake on LAN(Wol),Wake on wireless LAN(WoW),RS232,Auto Power on or a remote control signal.

Sleep Mode

In **Sleep Mode**, the panel will turn off the backlight and the sound, and can be woken up through some predefined methods, such as physical power button, RS232, IP Control or remote control signal.

Boot-up Screen

When the display is turned on, the Energy Star logo is displayed first, followed by the boot-up page. As shown in the following figure.



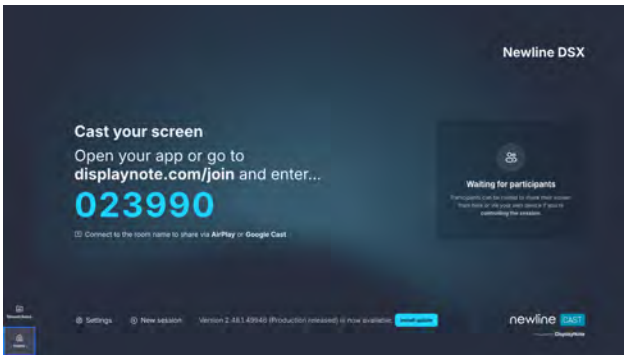
Welcome page

The panel will display the Welcome page after boot-up. This screen displays the logo, time, date, Newline Cast, Newline Signage Pro, File Commander,Applications and Wi-Fi status icon, as shown in the following figure.



◆ Newline Cast

Select Newline Cast on the Welcome page to enter the screen sharing application.On screen directions will appear for you to follow in order to wirelessly cast to the display, as shown in the following figure:



◆ File Commander

Select File Commander to view MultiMedia. In this interface you can preview all files in the internal storage and storage devices connected via USB ports.

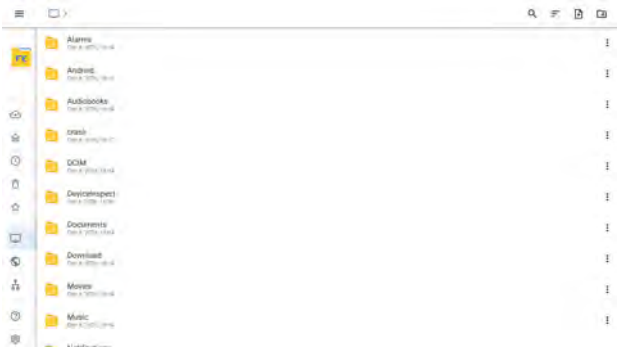


Icons on the top of right corner

icons	Function
	Click to search the files by files name
	• The system supports two view modes: list and grid. You can click on the top right corner to switch or view modes. • Click to display files based on name,size,type and date.
	Click to create new
	Click to create new folder

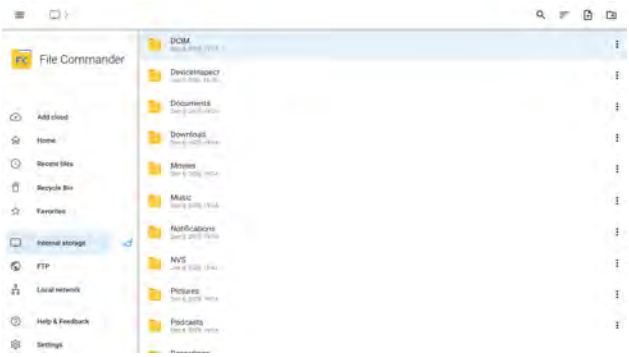
File Management

Display supports connection to USB flash memory. Enter the File application, you can preview all files in the internal storage and storage devices connected via USB ports.

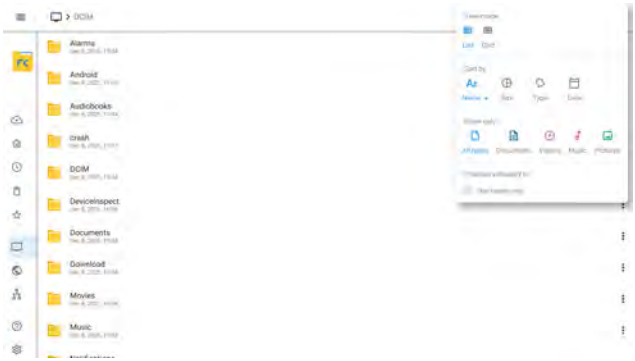


File Filtering

You can click the menu at the left side to display files by types, for example:**Documents, Download, Movies, Music, Notifications and Pictures.**



You can also click ☰ at the top right corner to filter files by **View mode, Sort by** and **show only.**



File Search

Enter the **Files** application, and click in the dialog box that is displayed, enter keywords in the search box according to requirements. The system will display a list of files that match the keywords.

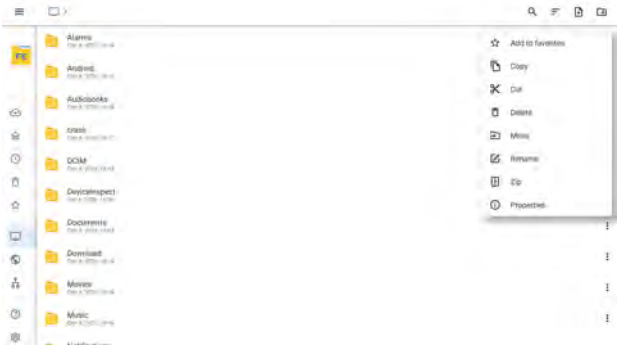


Note

- Use the keyboard on remote control to enter keywords.
- Use mouse function of remote control to click the soft keyboard on screen to enter keywords.

File Operation

Enter the Files application, You can create folders according to requirements, select files, and set **Add to favorites/Copy/Cut/Delete/Move/Rename/Zip/Properties**. For details on other operation, click in the right side for more operation.



Note

After entering the files interface,select the file items using the mouse function of remote control.

◆ Applications

Select **Applications** or press the ⊞ button on the remote control to enter the application list. **Applications** display all pre-installed applications. Select the icon of an application to run the application. Long press the **OK** button to remove/uninstall apps.



Name	Icons	Functions
Settings		Select this icon to enter the settings interface.
Newline Signage Pro		Select this icon to enter the Newline Signage Pro.
Chromium		Select this icon to enter the Chromium application.
Newline Cast		Select this icon to enter the Newline Cast application.
Newline Secure		Select this icon to enter the Newline Secure.
Newline App Store		Select this icon to enter the Newline App Store.
File Commander		Select this icon to enter the File Commander application.
Officesuite		Click this icon to enter the Office suite application.In this application,you can view office files,including excel,word,power point,and PDF files.
Newline Display Management+		Select this icon to enter the Newline Display Management+ application.
VLC		Select this icon to enter the VLC application.

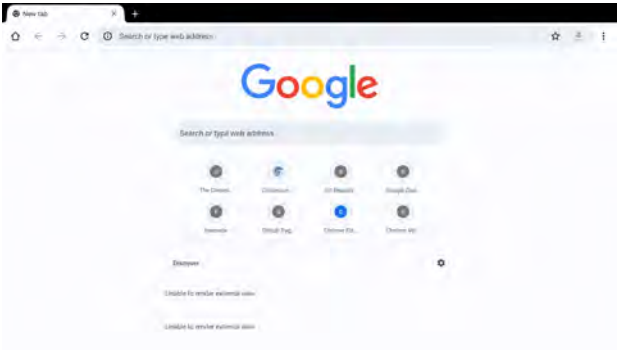
- Newline Signage Pro

Newline Signage Pro is an advanced digital signage software designed to make content management and deployment simple and efficient. Newline Signage Pro comes fully integrated for DSX, providing a complete digital signage solution for schools and businesses.



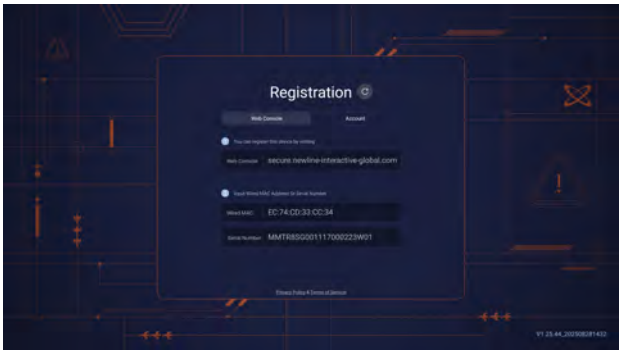
- Chromium

Select **Chromium** to enter Chromium, as shown in the figure below.



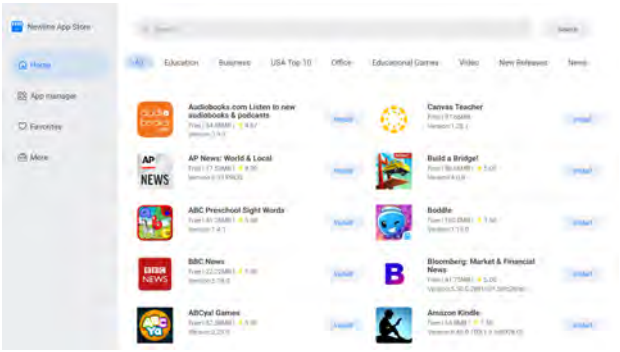
- Newline Secure

Newline Secure is a Common Alerting Protocol (CAP) integration software that offers robust security alerting capabilities, enabling organizations to receive and process CAP messages from third-party security platforms like Singlewire Informacast and Centegix CrisisAlert.



- Newline App Store

Select **Newline App Store** to enter Newline app store. You can view all the apps here, search the apps you want in this interface as shown in the following figure.



Notes:1.DSX series dose not support Google play Services.
2.Not all apps are supported for the DSX series.

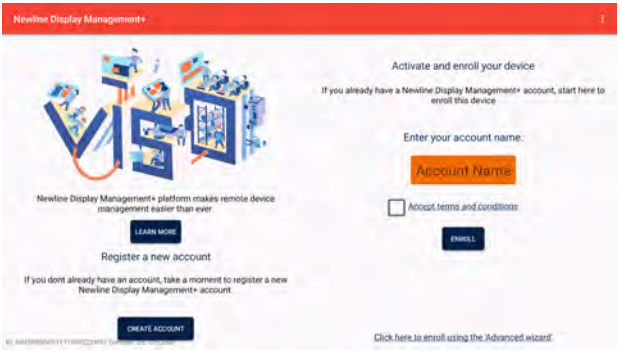
- **Officesuite**

Click this icon to enter the Office suite application.In this application,you can view office files,including excel,word,power point,and PDF files.



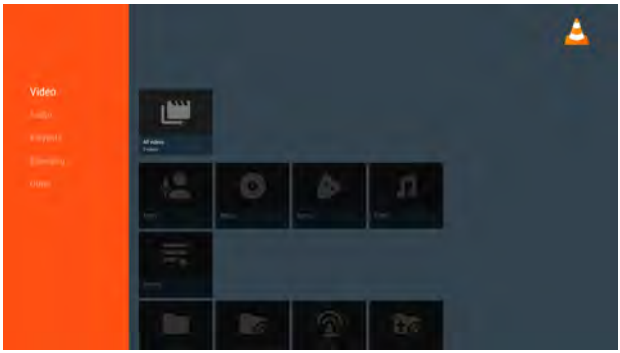
- Newline Display Management+

Newline Display Management+ is a remote display management solution that enables users to centrally manage the Newline displays from the comfort of their desk. Users can deploy and install apps, configure display settings, and push updates without being in front of the display.



- VLC

VLC is a free and open source cross-platform multimedia player and framework that can play most multimedia files and various streaming media protocols. You can choose **Video, Audio, Playlists, Browsing** and **Other** in this interface.



Menu Page (in source)

On the Input source page, press the menu button ☰ on the remote control to view TV options menu items include **Source, Picture, Screen, Sound, Power, Advanced Options** and **Settings**. Press ^/v on the remote control to select a menu item, press **OK** to complete the menu switching and option setting in the menu.If you don't want the menu page, press to ← exit the menu page.



◆ Source

Select the Source item in the menu, in this interface including Home, HDMI 1(eARC/ARC),HDMI 2 and Type-C.



◆ Screen

After connecting to the signal source, you can set the screen display ratio (16：9 ＞ 4：3 ＞ Point to Point).Press ← button on remote control to return to the upper interface.



◆Advanced Options

Select the **Advanced Options** item in the menu, in this interface including **Blue Mute** and **No Signal Auto Power Off**. Press **OK** button on the remote control to enable and disable the blue mute.

No Signal Auto Power Off: Select this item to set the auto power off time when there is no signal detected (Off > 5 Minutes > 10 Minutes > 15 Minutes > 30 Minutes > 60 Minutes). The default is 15 Minutes.



Menu Page

On the Home page, press the menu button ☰ on the remote control to view menu page. The menu items include **Picture** and **Sound**.

Press ‹ / › / ^ / ˅ on the remote control to select a menu item, press **OK** to complete the menu switching and option setting in the menu. If you don't want the menu page, press ← to exit the menu page.



◆Picture

Select the Picture item in the menu, in this interface including **Display Mode,Backlight, Picture Mode, Brightness,Contrast, Saturation, HUE, Sharpness, Advanced Settings** and **Reset to Default.**

- **Display Mode:**Press ‹ / › on the remote control to adjust the Display Mode,By default in ECO mode, when exiting, a pop-up window will prompt about the increase in energy consumption. Click "Continue" to execute.
- **Backlight:**Press ‹ / › on the remote control to adjust the backlight.
- **Picture Mode:** Select **Picture Mode** to change the picture mode(Standard > Vivid > Soft > Custom).
- **Brightness:** Press ‹ / › on the remote control to adjust the brightness.
- **Contrast:** Press ‹ / › on the remote control to adjust the contrast.
- **Saturation:** Press ‹ / › on the remote control to adjust the saturation.
- **HUE**: Press ‹ / › on the remote control to adjust the hue.
- **Sharpness:** Press ‹ / › on the remote control to adjust the sharpness,Hide the Sharpness setting under Android and display it only under input sources..
- **Reset to Default:** Select **Reset to Default** to reset picture settings to default.



Advanced Settings

Select **Advanced Settings** to enter the following interface. Press ← to exit the setting.

- **Color Temperature**: Select this item to change the Color Temperature (Standard > Warm > Cool > Custom). Select **Red Gain, Green Gain** and **Blue Gain** then press ‹/ › on the remote control to adjust the gains.
- **HDMI RGB Range**: Select this item to change the HDMI RGB range.



◆Sound

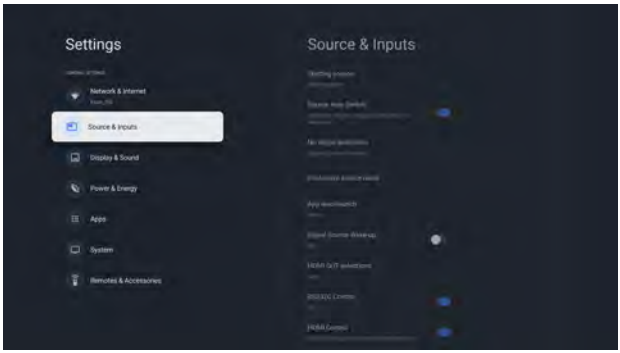
Select the **Sound** item in the menu to enter the following interface.

- **Sound Mode:** Select **Sound Mode** to change the sound mode (Standard > Custom > Classroom > Meeting > Movie).Press the button to mute or unmute audio.
- **Balance:** Press ‹ / › on the remote control to adjust the balance.
- **Bass:** Press ‹ / › on the remote control to adjust the bass.
- **Treble:** Press ‹ / › on the remote control to adjust the treble.
- **Sound output selections:**Press ‹ / › on the remote control to adjust the Sound out selections(Speaker > S/PDIF > ARC > Lineout >Mixed).
- **Microphone input:**Press ‹ / › on the remote control to adjust the Microphone input(Auto > Mute).
- **System sound:**Press **OK** button on the remote control to enable and disable the System sounds.
- **Reset to Default:** Select **Reset to Default** to reset sound settings to default.



Settings

Press the button ⚙ on the remote control to enter the settings interface. This interface displays **Network & Internet, Source & Inputs, Display & Sound, Power & Energy, Apps , System and Remotes & Accessories.**

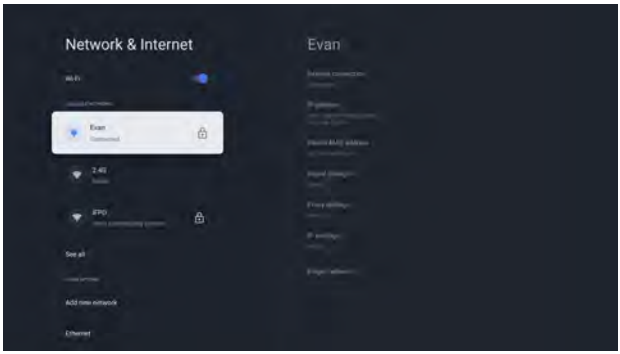


◆ Network & Internet

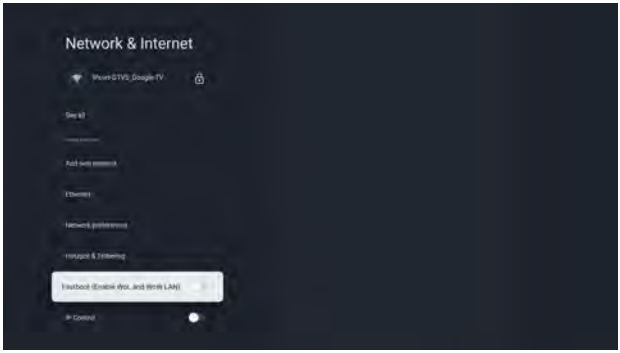
Select the **Network & Internet** or press the ⌨ button on the remote control to enter the network setting interface. You can view network status information, set **Wi-Fi, Add new network, Ethernet, Network preferences, Hotspot & Tethering, Fasboot(Enable WoL and WoWLAN), IP Control.**

Press ← button on remote control to return to the upper interface.

- **Wi-Fi:** Press **OK** button on the remote control to enable the Wi-Fi function.
- **Add new network:** Select this item to add new network.
- **Ethernet:**Select this item to set Ethernet.
- **Network preferences:**Select this item to set Network preferences.
- **Hotspot & Tethering:** Select this item to set hotspot and tethering.



- **Fasboot(Enable WoL and WoWLAN):**Wake on LAN (WoL) and Wake on Wireless LAN (WoWLAN) are technologies that allow the panels to be powered on from Fast Boot Mode remotely via a network. WoL operates over a wired Ethernet connection, while WoWLAN operates over a wireless network connection.The option will have an impact on entering different standby modes. If it is turned on, and the remote control selects power off, the panel will enter Fast Boot Mode. If it is turned off, the panel will enter True Power Off Mode.
  Wireless network wake-up, supports WoL and WoWLAN in Fast Boot Mode, default is Off.
  Note:WoW & WoL are also supported after power loss.
- **IP Control**： Press OK button on the remote control to enable the IP Control function.



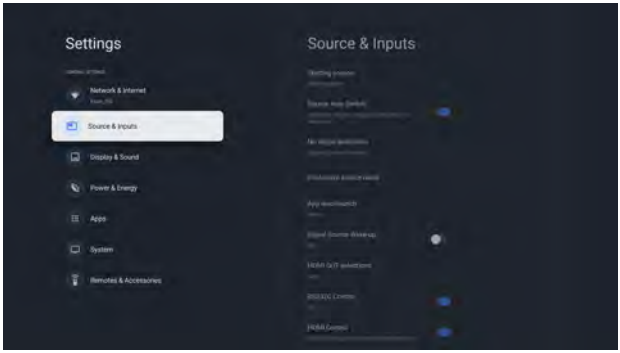
◆ Source & Inputs

Select the **Source & Inputs** to enter the source&inputs setting interface.

- **Starting Source:** Select this item to set starting source(Smart system>HDMI 1>HDMI 2>Type-C>last source).The default is Smart system.
- **Source Auto Switch:** Click the OK button to toggle the switch, default is On:

  When On, the screen will automatically switch to a newly connected signal source.

  When Off, the screen will not automatically switch to a newly connected signal source.
- **No signal selections:** Select this item to set No signal selections (Home>Stay at current source>Sleep>Power off>Resume last activity)
- **Customize source name:** Select this item to set source name.
- **APP auto-launch:**Select this item to set APP auto-launch.
- **Signal Source Wake-up:**Press **OK** button on the remote control to enable the Signal Source Wake-up function.
- **HDMI OUT selections:**Select this item to set HDMI OUT selections.
- **RS232C Control:**Press **OK** button on the remote control to enable the RS232C Control function.
- **HDMI Control:**Select this item to allow the display to control HDMI devices.
- **CEC Auto Power On:**Select this item to allow connected devices to turn on the power of the display.
- **CEC Auto Power Off:**Select this item to allow the display to turn off the power of the connected devices.
- **EDID Version:**Select this item to set EDID Version selections.
- **CEC Device List:**Select this item to check CEC Device list.

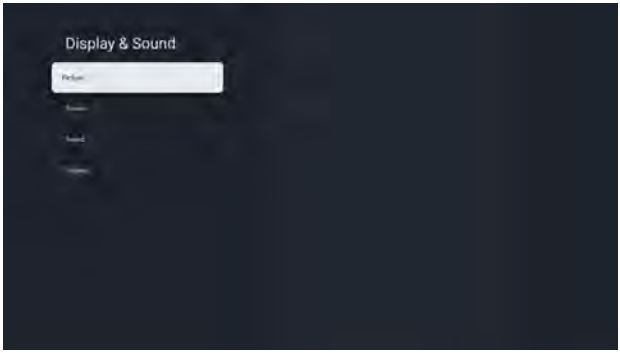


◆ Display & Sound

Select the **Display & Sound** to enter the display and sound setting interface. This interface includes **Picture, Screen, Sound** and **Display**.

Press ← button on remote control to return to the upper interface.

- **Screen:** Select this item to enter the screen settings(only available when in a source).



- **Display:**Select this item to enter the Display settings



- **Wallpaper:**Users can select default wallpapers and preset wallpapers, upload custom wallpapers, preview wallpaper effects, and delete custom wallpapers.



- **Logo:**Options include Default/Not set/View; clicking on View allows changing the logo and previewing the effect.



- **Rotation Mode:**
  -Landscape: Lock to landscape display
  -Portrait: Lock to portrait display



- **Bluelight Filter:**Enable/disable blue light filter. Default: Off. When enabled, the filter level can be set.



- **Filter level:**When Bluelight Filter is On, the filter intensity can be set (0-100).



◆ Power & Energy

Select the **Power & Energy** to enter the **Power & Energy** setting. This interface includes **Auto power on, Auto power off, Energy saving, Sleep mode setting, Screen saver, Standby light, RS232, Startup Preference**.

- **Auto power on:**Automatic power-on function(Off/On/Once), default Off.

  - When selecting Off, the Auto Power On Time function is grayed out;

  - When selecting On, you can set the Auto Power On and select the cycle and time;

  - When selecting Once, you can set the Auto Power On without periodic selection.

  The set effective time only takes effect once. After the effect is completed, the Auto Power on function automatically returns to Off.

- **Power On Time:** Follows the system's 12-hour/24-hour format. The user can select: hour, minute, (AM/PM), period and select "Set" to take effect.After the scheduled power on time is set, there will be a note in the function menu (Ex.If you set the panel to automatically start at 22:00 on Monday and Tuesday, it will display: 22:00 Mon, Tue.



(Auto Power On defaults to Off. At this time, Power On Time is grayed out and cannot be selected.)



(When Auto Power On is turned On, this is the Power On Time interface.)

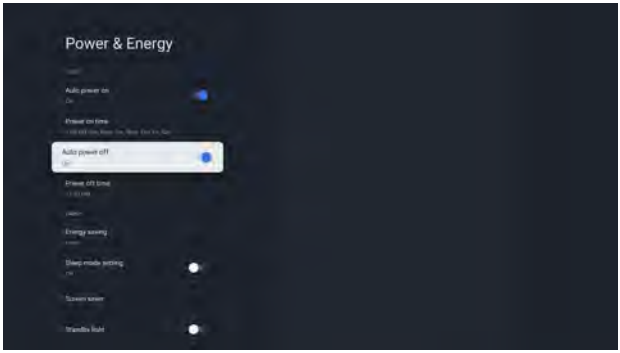
- **Auto Power Off:**Automatic shutdown function(Off/On/Once), default Off.

  - When Off is selected, the Power Off Time function is grayed out;

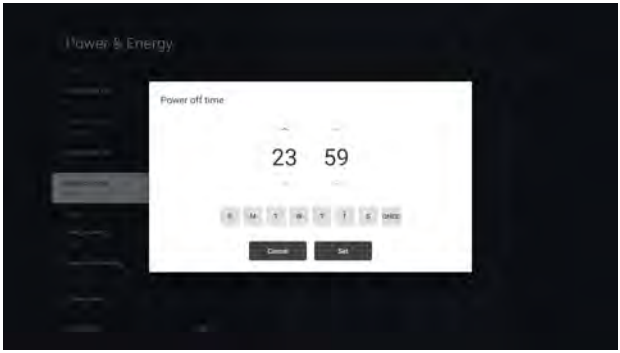
  - When selecting On, you can set the Power Off Time and select the cycle. You can select multiple cycles;

  - When selecting Once, you can set the Power Off Time without periodic selection.The set effective time only takes effect once. After the effect is completed, the Auto Power Off function automatically returns to Off.

- **Power Off Time:** Follow the system's 12-hour/24-hour format. The user can select: hour, minute, (AM/PM), period and select "Set" to take effect.

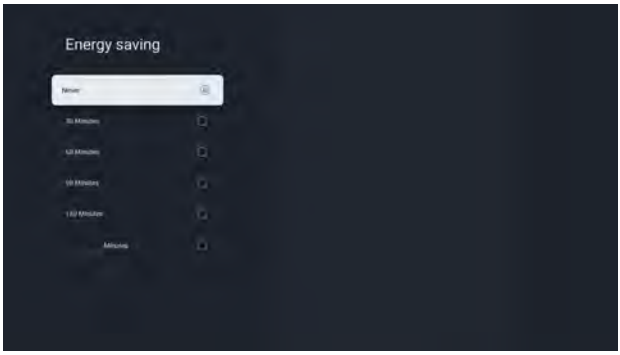


(Auto Power Off Type defaults to Off. At this time, Power Off Time is grayed out and cannot be selected.)

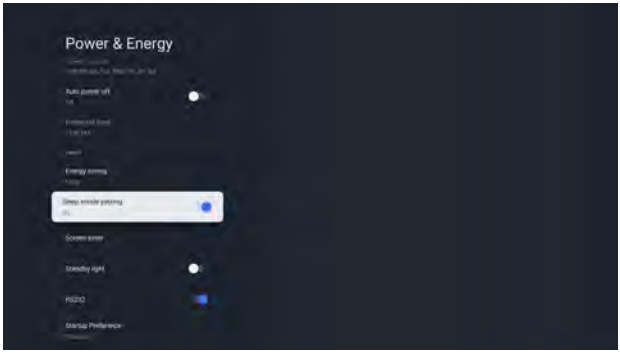


(When is Auto Power Off On, this is the Power Off Time interface.)

- **Energy saving:**In Power Saving Mode, when there is no operation for the set duration, a 120-second countdown timer will initiate for shutdown/sleep. Whether it shuts down or enters sleep depends on whether the Sleep mode setting toggle is enabled (if enabled, it enters sleep). The default setting is "Never," with options available as: **Never , 30 Minutes , 60 Minutes , 90 Minutes , 120 Minutes , ____ Minutes** (custom power-saving duration).

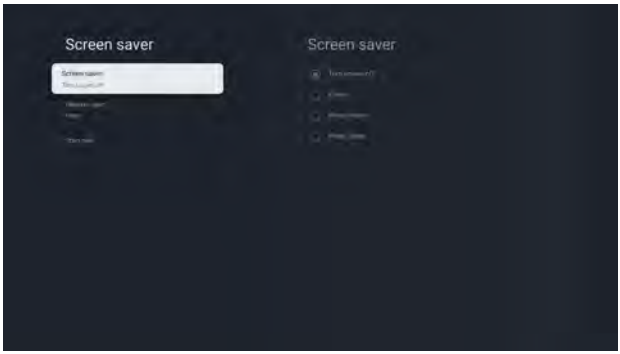


- **Sleep mode setting:**The Sleep mode setting toggle, when On, triggers the Energy Saving function, initiating a countdown to enter sleep mode.

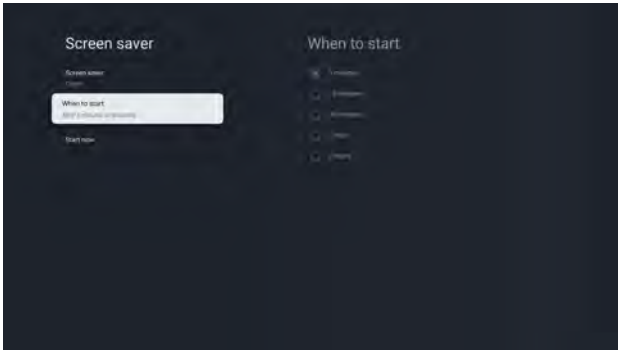


- **Screen saver:**Screen Saver function, supports entering screen saver when idle for a customizable time period.

- **Screen saver:**Screen Saver settings, with options to select **Turn screen off, Colors, Photo Frame, Photo Table**



- **When to start:**Duration before entering Screen Saver, with options to select **5 minutes (default), 15 minutes, 30 minutes, 1 hour, 2 hours**

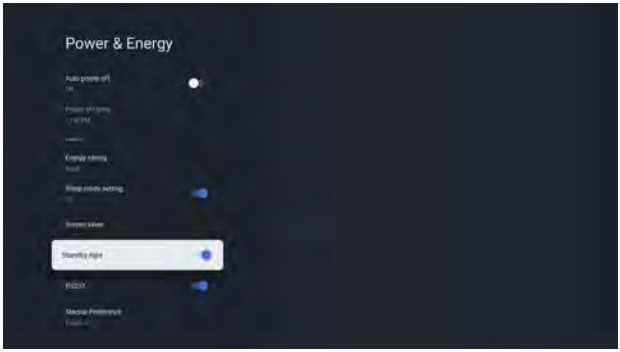


- **Start now:**Enter Screen Saver Now

- **Standby light:**

  When **On**, the screen is in standby mode (true standby, STR state), and the indicator light stays red.

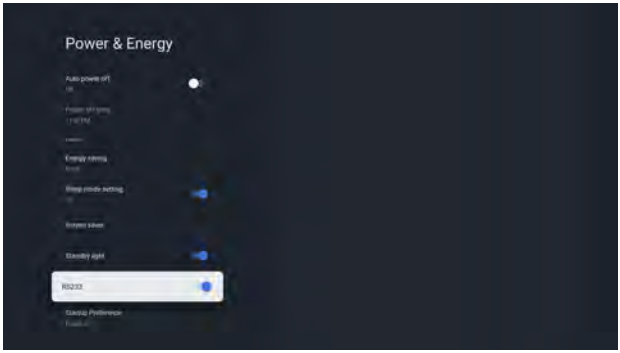
  When **Off**, the screen is in standby mode, and the indicator light does not illuminate.



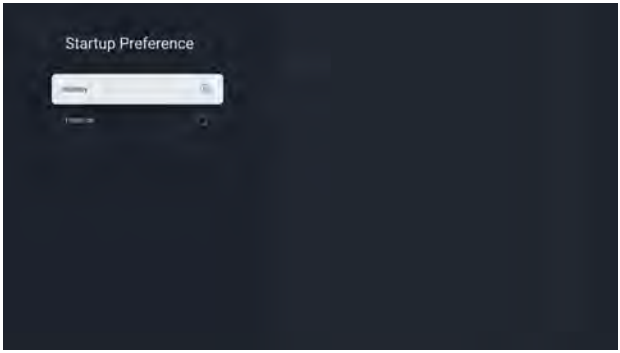
- **RS232:** RS232 control switch, which supports the Newline command set:

  When set to **On**, it supports sending RS232 serial commands, which will take effect.

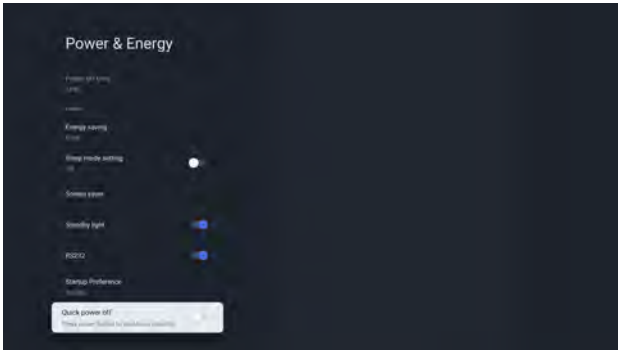
  When set to **Off**, sending RS232 serial commands will not take effect.



- **Startup Preference:** Power-on preference setting, default: Standby
  Standby: The screen enters standby mode after power is cut off and restored.
  Power on: The screen automatically powers on after power is cut off and restored.



- **Quick power off:**When On, pressing the Power button on the remote control or physical key immediately shuts down the device during full-screen operation, bypassing the Power off/Sleep/Restart confirmation pop-up. Whether the device enters true shutdown or STR (Suspend to RAM) state depends on whether the Fastboot switch is enabled. If enabled, it enters STR state.



◆ Apps

Select the Apps to enter the apps setting. This interface includes **See all apps, App permissions, Special app access, Security & Restrictions**.

Press ← button on remote control to return to the upper interface.

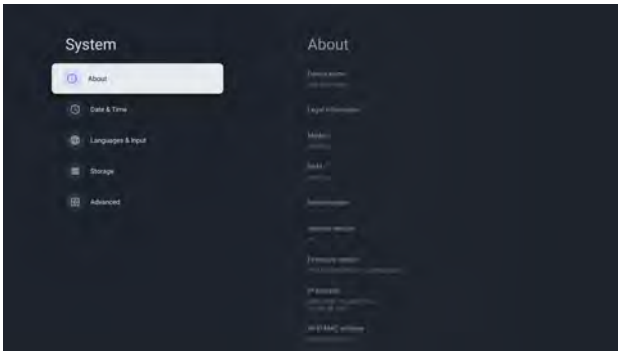
- **See all apps:** Select this item to see all apps. Select app to see details.
- **App permissions:** Select this item to check all app permissions.
- **Special app access:** Select this item to view all Special app access.
- **Security & Restrictions:**Select this item to check Security & Restrictions.



◆ System

Select the System to enter the system setting interface, including **About, Date & Time, Language & Input, Storage** and **Advanced**.

Press ← button on remote control to return to the upper interface.



About

Enter About to check **Device name, Legal information, Model, RAW, Serial number, Android version, Firmware version, IP address, Wi-Fi MAC address, Ethernet MAC address, Bluetooth address** and **Up time**.



Date & Time

Select **Date & Time** to enter the setting interface. You can set **Automatic date & time** to use network-provided time, and set **date & time, time zone** and **Use 24-hour format** in this interface.

Use 24-hour format: When the option is on, it is 24-hour format. When the option is off, it is 12-hour format. The system defaults to 24-hour format.



Language & Input

Select **Language & Input** to set language and Input.You can view **Language, Current keyboard, Kika Keyboard Settings** and **Manage keyboards** in this interface.



Storage

Select **Storage** to enter the storage interface. You can view **Interal shared storage** and **Free up storage** in this interface.



Advanced

Select **Advanced** to enter the management mode.Each time you log in, you need to enter a password. The default password is: 2364606633.Or use the remote control to press the following buttons in sequence: ^ v ^ v < > < > + −



After entering the correct password, it redirects to the "Advanced" interface,You can view **System update, Security, Modify Admin Mode Password** and **Reset Options**.



System update:

Select **System update** to enter the System update interface,You can view **OTA notification, Over the air update method, Automatic firmware updates** and **Choose install time**.



- **OTA notification:** Select this item to open the OTA notification funtion.
- **Over the air update method:**After clicking, it automatically checks whether there is a firmware upgrade.
- **Automatic firmware updates:**Select this item to open the Automatic firmware updates funtion.
- **Choose install time:**Select this item to set install time.

  (Before selecting this item, you need to enable Automatic firmware updates.)

Security:

Select **Security** to enter the Security interface,You can view **Settings lock, Gadgets lock, Installation lock, Power button lock** and **URL Filtering**.



- **Settings lock:**Select this item to open the Settings lock funtion, After enabling this, you cannot access the Settings in any way.
- **Gadgets lock**: For indibidual apps, the app will not appear in the Applications when it is enabled.
- **Installation lock**: When enable, network downloads, Newline App Store, USB and other methods do not support installing applications.
- **Power button lock**: When enabled, the physical power button has no effect (including long and short presses), and the remote control power button function is functional.
- **URL Filtering**: Web Intercept, Blocks access to specific domain web pages.

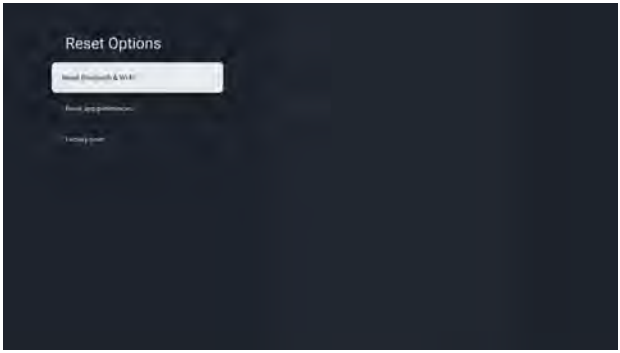
Modify Admin Mode Password:

Select **Modify Admin Mode Password** to change the admin mode password, Allows input of 6-16 characters, supports letters/numbers.Clicking "RESET PASSKEY" takes effect.



Reset Options:

Select **Reset Options** to enter the Reset Options,You can view **Reset Bluetooth & Wi-Fi, Reset app preferences** and **Factory reset**.

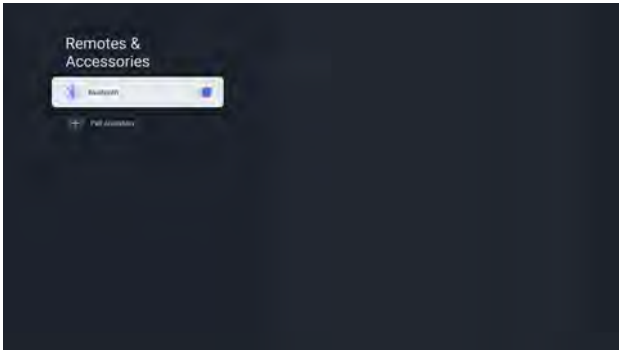


- **Reset Bluetooth & Wi-Fi:**Select this item to Reset Bluetooth & Wi-Fi.
- **Reset app preferences:**Select this item to Reset app preferences.
- **Factory reset:**Select this item to Restore factory settings.

◆ Remotes & Accessories

Select **Remotes & Accessories** to **Pair accessory**.

- **Bluetooth:**Bluetooth switch, default On. When Off, it blocks "Pair accessory", and the "Smart" button on the remote control has no effect.
- **Pair accessory:**Bluetooth device pairing supports connecting to phones, computers, Bluetooth mice, and other accessories.



5 Serial Port Control

Before using IP Control and/or RS-232 serial port control, you need to ensure that the setting is enabled . RS-232 is enabled by default.

Instructions to enable/disable RS-232 & IP Control:

1. Settings > Network & Internet
2. If you need to use IP Control, turn on the IP Control option switch; if you need to use the RS232 serial port, turn on the RS232 option;

IP Control:

Use a network connection to control the device over an Internet Protocol (IP) network;IP Control supports the commands listed in the section below.

Note: Power On via IP Control is not supported.

- **The following is an example test method. There is no standard usage instruction for this function:**

1. **Configuration:** Connect the PC and the large screen to the same network, start the IP Control debugging tool, select TCP Client for the port number, fill in the corresponding IP address and port number, and click connect.
2. **Send commands:** After the connection is successful, enter the command in the command pane to test.

Configuration information for using tools	
IP	Machine IP
Port: TCP/UDP	6688

RS-232 operation instructions:

RS-232 is a standard protocol for serial communication. RS-232 over serial refers to the use of this standard to enable communication between devices using a serial port.

- **How to use:**

1.Configuration: The PC and the large screen are connected via a physical RS232 Mini to DB9 Cable, and the serial port is configured to use the same communication settings,including baud rate, data bits, parity and stop bits.

2.Send commands: After the connection is successful, send commands to the large screen terminal through RS-232. The display receives the command, interprets the command, and performs the requested operation. The screen will respond by returning a return value to confirm command execution or provide status information.

Configuration information for using tools			
Port: COM1 (Set according to PC or controlling product's port number)			
Baud rate	19200	Odd/even check	None
Data bits	8	Stop bit	1

The following table lists button controlling codes. The buttons share same functions with corresponding buttons on the remote controller:

Function	Controlling Codes	Return Codes
Power On	7F 08 99 A2 B3 C4 02 FF 01 00 CF	7F 09 99 A2 B3 C4 02 FF 01 00 01 CF NOTE: Support the panel power on from true power off mode and Fast Boot mode. Only supported by RS-232 commands and not by IP Control.
Power off	7F 08 99 A2 B3 C4 02 FF 01 01 CF	7F 09 99 A2 B3 C4 02 FF 01 01 01 CF NOTE: Support the panel power off (1)When Fastboot (Enable WoL and WoWLAN) on, enter STR state; (2)When Fastboot (Enable WoL and WoWLAN) off, enter true display power off state.
Sleep Mode On	7F 08 99 A2 B3 C4 02 FF 01 04 CF	7F 09 99 A2 B3 C4 02 FF 01 03 01 CF NOTE: The panel goes to sleep.
Sleep Mode Off	7F 08 99 A2 B3 C4 02 FF 01 03 CF	7F 09 99 A2 B3 C4 02 FF 01 03 01 CF NOTE: The panel wakes up from sleep mode.
Mute/ Unmute	7F 08 99 A2 B3 C4 02 FF 01 02 CF	7F 09 99 A2 B3 C4 02 FF 01 02 01 CF
Signal source	7F 08 99 A2 B3 C4 02 FF 01 06 CF	7F 09 99 A2 B3 C4 02 FF 01 06 01 CF
Display status	7F 08 99 A2 B3 C4 02 FF 01 09 CF	7F 09 99 A2 B3 C4 02 FF 01 09 01 CF
HDMI 1	7F 08 99 A2 B3 C4 02 FF 01 0A CF	7F 09 99 A2 B3 C4 02 FF 01 0A 0 1 CF
HDMI 2	7F 08 99 A2 B3 C4 02 FF 01 52 CF	7F 09 99 A2 B3 C4 02 FF 01 52 01 CF
Type-C	7F 08 99 A2 B3 C4 02 FF 01 55 CF	7F 09 99 A2 B3 C4 02 FF 01 55 01 CF
VOL -	7F 08 99 A2 B3 C4 02 FF 01 17 CF	7F 09 99 A2 B3 C4 02 FF 01 17 01 CF
VOL +	7F 08 99 A2 B3 C4 02 FF 01 18 CF	7F 09 99 A2 B3 C4 02 FF 01 18 01 CF
Menu	7F 08 99 A2 B3 C4 02 FF 01 1B CF	7F 09 99 A2 B3 C4 02 FF 01 1B 01 CF
Home page	7F 08 99 A2 B3 C4 02 FF 01 1C CF	7F 09 99 A2 B3 C4 02 FF 01 1C 01 CF
Return (exit)	7F 08 99 A2 B3 C4 02 FF 01 1D CF	7F 09 99 A2 B3 C4 02 FF 01 1D 01 CF
OK ←	7F 08 99 A2 B3 C4 02 FF 01 2B CF	7F 09 99 A2 B3 C4 02 FF 01 2B 01 CF
→	7F 08 99 A2 B3 C4 02 FF 01 2C CF	7F 09 99 A2 B3 C4 02 FF 01 2C 01 CF
	7F 08 99 A2 B3 C4 02 FF 01 2D CF	7F 09 99 A2 B3 C4 02 FF 01 2D 01 CF

Function	Controlling Codes	Return Codes
↑	7F 08 99 A2 B3 C4 02 FF 01 2E CF	7F 09 99 A2 B3 C4 02 FF 01 2E 01 CF
↓	7F 08 99 A2 B3 C4 02 FF 01 2F CF	7F 09 99 A2 B3 C4 02 FF 01 2F 01 CF
Set volume	7F 08 99 A2 B3 C4 02 FF 05 XX CF	7F 09 99 A2 B3 C4 02 FF 05 XX 01 CF NOTE: XX indicates the value of volume (0- 100), corresponding to the hexadecimal number system (00 - 64).
Query the firmware version number	7F 08 99 A2 B3 C4 02 FF 01 3D CF	7F 09 99 A2 B3 C4 02 FF 01 3D XX CF XX indicates version e.g.: 7F 09 99 A2 B3 C4 02 FF 01 3D 56 32 2E 31 2E 35 39 CF > V2.1.59
Set display mode	7F 08 99 A2 B3 C4 02 FF 06 XX CF	7F 09 99 A2 B3 C4 02 FF 06 XX 01 CF NOTE: XX indicates the mode. 00-standard, 01-ECO mode,02-custom.
Increase backlight brightness	7F 08 99 A2 B3 C4 02 FF 01 47 CF	7F 09 99 A2 B3 C4 02 FF 01 47 01 CF
Decrease backlight brightness	7F 08 99 A2 B3 C4 02 FF 01 48 CF	7F 09 99 A2 B3 C4 02 FF 01 48 01 CF
Set the value of backlight brightness	7F 08 99 A2 B3 C4 02 FF 09 XX CF	7F 09 99 A2 B3 C4 02 FF 09 XX 01 CF NOTE: XX indicates the value of backlight brightness (1-100), corresponding to the hexadecimal number system (01- 64).
Switch backlight	7F 08 99 A2 B3 C4 02 FF 01 15 CF	7F 09 99 A2 B3 C4 02 FF 01 15 XX CF NOTE: XX = 01 indicates the backlight is on. XX = 00 indicates the backlight is off.
Settings	7F 08 99 A2 B3 C4 02 FF 01 20 CF	7F 09 99 A2 B3 C4 02 FF 01 20 01 CF
Mute On	7F 09 99 A2 B3 C4 02 FF 0F 00 CF	7F 09 99 A2 B3 C4 02 FF 0F 00 01 CF
Mute Off	7F 09 99 A2 B3 C4 02 FF 0F 01 CF	7F 09 99 A2 B3 C4 02 FF 0F 01 01 CF
Switch Backlight On	7F 09 99 A2 B3 C4 02 FF 0E 01 CF	7F 09 99 A2 B3 C4 02 FF 0E 01 01 CF
Switch Backlight Off	7F 09 99 A2 B3 C4 02 FF 0E 00 CF	7F 09 99 A2 B3 C4 02 FF 0E 00 01 CF
Set Display message on the OSD	7F 09 99 A2 B3 C4 02 FF 1A XX CF NOTE: ● XX indicates the value of text content up to 50 characters Closing/clearing command: 7F 09 99 A2 B3 C4 02 FF 1B 00 CF	7F 09 99 A2 B3 C4 02 FF 1A 00 XX CF NOTE: ● XX = 01 indicates set OSD OK. ● XX = 00 indicates set OSD failed. Return codes: 7F 09 99 A2 B3 C4 02 FF 1B 00 XX CF NOTE: ● XX = 01, Success ● XX = 00, Fail

Activate Newline cast	7F 08 99 A2 B3 C4 02 FF 00 0D CF	7F 09 99 A2 B3 C4 02 FF 00 0D 01 CF
Close Newline cast	7F 08 99 A2 B3 C4 02 FF 01 0D CF	7F 09 99 A2 B3 C4 02 FF 01 0D 01 CF
Enter File Commander	7F 08 99 A2 B3 C4 02 FF 00 1A CF	7F 09 99 A2 B3 C4 02 FF 00 1A 01 CF
Enter Network interface	7F 08 99 A2 B3 C4 02 FF 00 1B CF	7F 09 99 A2 B3 C4 02 FF 00 1B 01 CF
Switch Mouse mode	7F 08 99 A2 B3 C4 02 FF 00 1C CF	7F 09 99 A2 B3 C4 02 FF 00 1C XX CF
Enter Applications	7F 08 99 A2 B3 C4 02 FF 00 1D CF	7F 09 99 A2 B3 C4 02 FF 00 1D 01 CF
Enter Pair accessory	7F 08 99 A2 B3 C4 02 FF 00 1F CF	7F 09 99 A2 B3 C4 02 FF 00 1F 01 CF

Function	Querying Codes	Return Codes
Power supply	7F 08 99 A2 B3 C4 02 FF 01 37 CF	7F 09 9 9 A2 B3 C4 02 FF 01 37 XX CF NOTE: ● XX indicates the power on/off state. ● XX = 01: power on state ● XX = 00: power off state
Speaker	7F 08 99 A2 B3 C4 02 FF 01 82 CF	7F 09 99 A2 B3 C4 02 FF 01 82 XX CF NOTE: ● 01: mute ● 00: non-mute
Current signal source	7F 08 99 A2 B3 C4 02 FF 01 50 CF	7F 09 99 A2 B3 C4 02 FF 01 50 XX CF NOTE: ● HDMI 1 = 01 ● HDMI 2 = 02 ● Type-C = 03 ● Android = 04
Speaker volume	7F 08 99 A2 B3 C4 02 FF 01 33 CF	7F 09 99 A2 B3 C4 02 FF 01 33 XX CF NOTE: XX indicates current volume value (XX is a hexadecimal value, range: 00- 64). For example, XX = 20 indicates current volume value is 32 (decimal value), XX = 00 indicates mute state.
D.Mode	7F 08 99 A2 B3 C4 02 FF 01 35 CF	7F 09 99 A2 B3 C4 02 FF 01 35 XX CF NOTE: XX indicates the mode. 00-standard, 01-ECO mode,02-custom
Backlight brightness	7F 08 99 A2 B3 C4 02 FF 01 49 CF	7F 09 99 A2 B3 C4 02 FF 01 49 XX CF NOTE: XX indicates the value of backlight brightness (1 - 100), corresponding to the hexadecimal number system (01 - 64).
Backlight status	7F 08 99 A2 B3 C4 02 FF 01 81 CF	7F 09 99 A2 B3 C4 02 FF 01 81 XX CF NOTE: ● XX = 00 indicates the backlight is on. ● XX = 01 indicates the backlight is off.
Sleep Mode Status	7F 08 99 A2 B3 C4 02 FF 01 45 CF	7F 09 99 A2 B3 C4 02 FF 01 45 XX CF NOTE: ● XX indicates the sleep wake up/sleep state. ● XX = 01: Sleep Mode Off state ● XX = 00: Sleep Mode On state
Return to system state of the previous options	7F 08 99 A2 B3 C4 02 FF 0A 00 CF	7F 08 99 A2 B3 C4 02 FF 0A 00 AB CD EF GH IJ OP QR WS CF NOTE: ● AB: Power supply ● CD: Speaker ● EF: Current signal source ● GH: Speaker volume ● IJ: D.Mode ● OP: backlight brightness ● QR: backlight state ● WS: Sleep Mode Status

6 Formats Supported by Multi-media

Media category	Formats
Photo	JPG/ JPEG/ BMP/ PNG/ GIF
Video	AV1(A0Media Video 1)/ FLV1(Flash Video Sorenson H.263)/ FLV1(Sorenson Spark)/ H.261/ H. 263/ H. 263+/ MJPEG(Motion Joint Photographic Experts Group)/ MPEG-1(VCD)/ THEORA(OGG Theora, OGV, VP3)/ VP8(On2 VP8)/ VP9/ Microsoft MPEG-4 Visual(V2)/ Microsoft MPEG-4 Visual(V3)
Audio	APE/ MIDI/ MP3(MPEG Audio layer3)/ Musepack SV8/ Vorbis(Ogg Vorbis)/ OPUS/ FLAC / PCM S8VX/ PCM S16 LE/ PCM S16 BE/ PCM S24 LE/ PCM S32 LE/ LPCM(PCM A-Law G.711)/ LPCM(PCM μ-Law G.711)/ IMA ADPCM/ TTA(True Audio Lossless)/ WavPack

7 FAQ & Troubleshooting

Before you contact the technical support staff,please identify a fault according to the following table. If the fault cannot be restored based on the solutions, contact your local distributor for help. For your safety, please do not repair the unit on your own.

Failure	Solution
No image.	• Check whether the power plug is inserted into the power outlet and whether the display is powered on. • Check whether the video and audio input cables are connected correctly. • Check to ensure the correct source is selected. • Check the settings on image brightness and contrast.
Image is normal, but no sound.	• Check the volume. • Check whether the **MUTE** button on the remote controller is pressed.
The image is black and white.	• Modify the color settings. • Check the color settings.
Image or sound is interrupted.	• Turn off other devices surrounding the screen to check again,if any surrounding devices are causing the interference, try moving them away from the screen. • Do not share the same power outlet with other electric appliances that could interference.
The remote controller fails.	• Change the batteries. • Clean the signal emitter at the top of the remote controller. (Check whether it is blocked.) • Check contacts of the batteries.

The following symptoms are not faults:

- A very few of constantly bright or dark pixels, such as tiny red, blue, green or dark points,may exist on the screen.This symptom is not a fault and dose not affect running functions of the machine.
- Slight sound may occur due to the backlight adjustment or ventilation. This is a normal symptom.
- The image and sound are normal. However, you can sense static electricity when you touch the screen and metal back cover. This is a normal symptom.

8 Maintenance Tips

- Do not install or place the machine near the heat source.
- Do not install or place the machine under directly sunlight,or dust/damp place.
- Do not install or place the machine in the places with mechanical vibration and vulnerable to impact.
- Please keep the machine stay away from grid, large metal objects, radar stations and other equipment.
- Do not use chemical reagents to wipe the machine body, solvent may cause deterioration or damage to the shell paint. If have dirt bilge, wipe it with drying warm cloth after cutting off power source.Display touch screen can be wiped gently with a clean soft cloth.
- Do not power on and off the machine frequently,so as not affect the service life of the machine. After normal shutdown, please wait three minutes before starting up.If not in use for a long time,please turn off the power and unplug the machine.
- Do not set the display brightness and contrast to the maximum for a long time to extend the service life of the screen.
- Do not use hard objects to write on the touch screen, so as not to scratch the screen and affect the display effect.

9 Technical Parameters

Model	DSX-4326	DSX-5526	DSX-6526	DSX-7526	DSX-8626
Display					
Active Screen Size	43"	55"	65"	75"	86"
Backlight	D-LED				
Display Area(Decimal point is rounded off)	941 x 529 mm	1210 x 680 mm	1441x816 mm	1662x942 mm	1895x1066 mm
Display Ratio	16:9				
Resolution	3840*2160				
Display Colors	1.07 Billion				
Brightness Center brightness	700nit	700nit	700nit	700nit	700nit
Contrast Ratio	4000:1	5000:1	5000:1	5500:1	5000:1
LCD Response Time	6.5ms	6.5ms	6.5ms	6.5ms	6.5ms
LCD Viewing Angle	178°（H）/178°（V）	178°（H）/178°（V）	178°（H）/178°（V）	178°（H）/178°（V）	178°（H）/178°（V）
LCD Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz
Lifespan	50000H	50000H	50000H	50000H	50000H
Smart System					
Chipset	Android 14				
CPU	Cortex A72*4(MAX:2208MHz)+CortexA53*4(MAX:2016MHz)				
GPU	ARM Mali G52 MC3 GPU(MAX:950MHz)				
RAM	4G Bytes LPDDR5				
ROM	32GB EMMC on board				
Android Version	14				
Wi-Fi / Bluetooth	WXT04R2511A,Wi-Fi 6, Bluetooth5.2				

Model	DSX-4326	DSX-5526	DSX-6526	DSX-7526	DSX-8626
Electrical					
Working Voltage	100-240V~ 50/60Hz	100-240V~ 50/60Hz	100-240V~ 50/60Hz	100-240V~ 50/60Hz	100-240V~ 50/60Hz
Power Consumption (Standard Mode Max.)	80W	105W	155W	200W	230W
Power Consumption (Standby mode)	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W
Speaker					
Speaker Direction	Bottom				
Rated Impedance	6Ω				
Max. Power Output	2x10W	2x10W	2x10W	2x10W	2x10W
Ports					
Rear input port	RJ45,Type C IN,HDMI2,USB3.0,RS232C IN				
Rear output port	HDMI2 OUT,USB 3.0,S/PDIF OUT,LINE OUT,RS232C OUT				
Transportation/Storage/Installation					
Outline Dimension (without wall mount bracket thickness)	969.6 x 558.0 x 70.0 mm	1238.4x709.2x 70mm	1457.7x832.4x 68.8mm	1679x957.1x 68.8mm	1928.6x1099.2 x69mm
Packing Dimension	1075x652x144 mm	1390x830x144 mm	1640x990x164 mm	1840x1112x177 mm	2100x1250x230 mm
Net Weight	8kg	13kg	17.7kg	27.7kg	41kg
Gross Weight	11.5kg	18.5kg	27.4kg	39.1kg	61.6kg
VESA Mount Installation Position (Transversal)	300X300 mm	400x400mm	500x500mm	500x500mm	700x500mm
Storage Temperature/ Humidity	-20~60°C 0~90%RH (non-condensing)				

Model	DSX-4326	DSX-5526	DSX-6526	DSX-7526	DSX-8626
Working Temperature/ Humidity	0~40°C 20~80%RH (non-condensing)				
Installation Method (Optional)	wall-mounted				

10 More Information

For More Information

Please visit our website (www.newline-interactive.com) for detailed instruction manual.

Contact Us for Support

Please email us at support@newline-interactive.com.

Our company is devoted to machine innovation and technology enhancement. Therefore, we may change machine specs and information without notice, Machine pictures in the manual are for reference only, please refer to actual machines.