User Manual

Indoor 43-Inch Mobile LCD Signage

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1. Product Information

1.1 Product Feature

The 43" Floor-Standing LCD Signage is a high-quality digital display solution featuring an elegant frame design and a 43-inch LCD screen. It is equipped with a Signway control board and a UL/CE-certified power supply. This signage supports wireless connectivity, Ethernet, cloud platform integration, and USB-based program editing and playback. It is ideal for advertising, education, commercial applications, and various communication needs, offering versatility for use in any desired location.
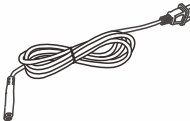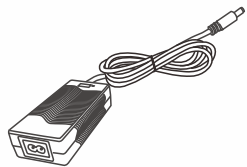
1.2 Product Composition
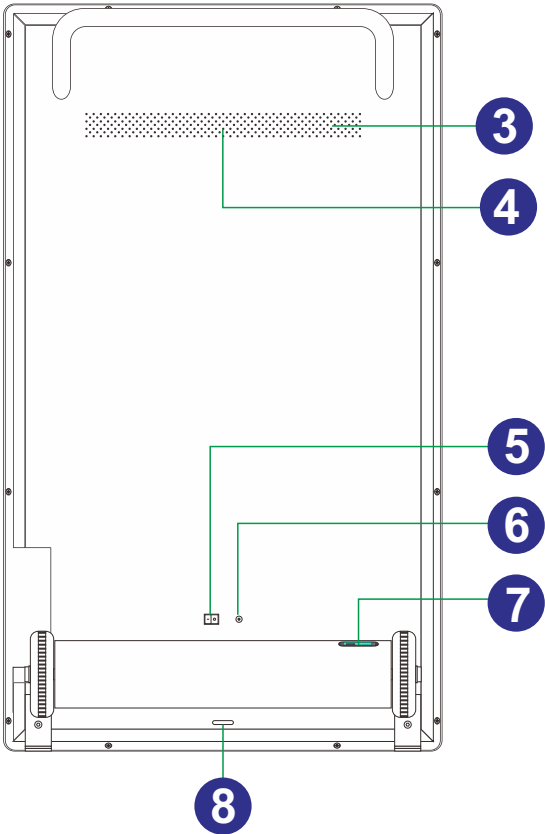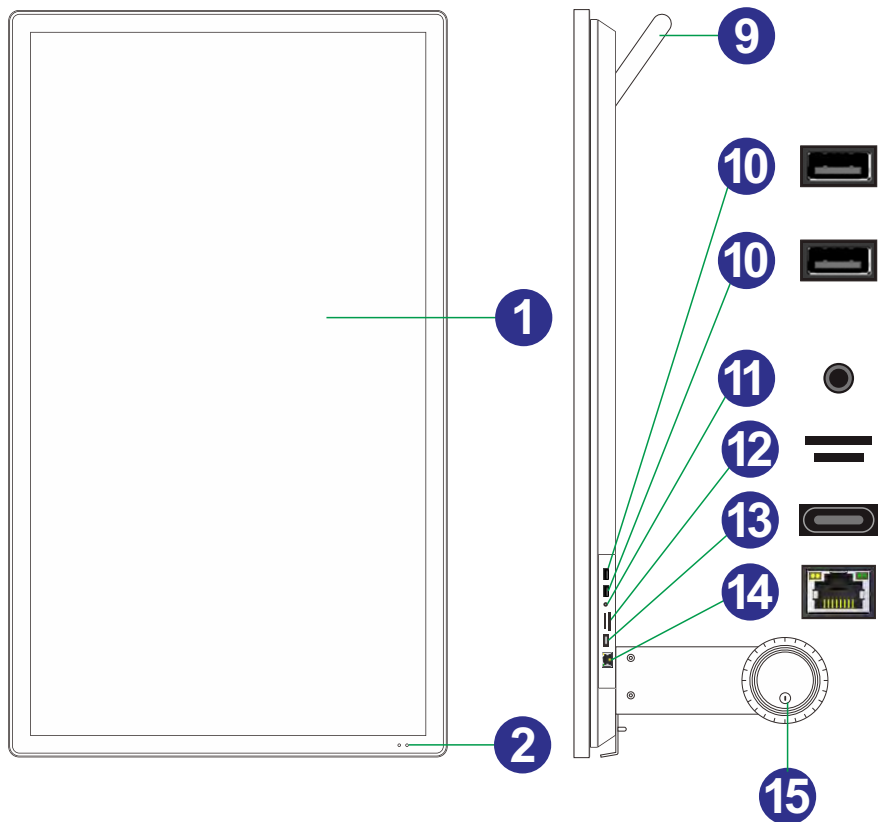
1	LCD Screen	**6**	DC Power Cord Socket	**11**	Audio output port
2	IR Indicator	**7**	Battery status	**12**	TF(Micro SD) port
3	Speaker	**8**	Locking Ring	**13**	Type-C port
4	Heat exhaust hole	**9**	Handle	**14**	RJ45 connection
5	On/off switch	**10**	USB connection	**15**	Lock

1.3 Parts List

Accessory	Photo	Qty	Remark
AC Power cord		1	with local plug
Charging Adapter		1	25.2V 5A
Remote control		1	
User menu		1	

1.4 How to query the battery power and charge

1.1 As shown in the photo, the area is the battery power indicator. If you need to check the power range, please press the (⏻) button, and the percentage of power will show on.

1.2 When charging is required, plug the DC plug directly into the DC port to charge.

Note: when the battery power is too low and needs to be charged, we recommend that the battery power should not be less than 10% to ensure the life of the battery.

1.3 When the product needs to be stored for a long time, the battery power shall not be less than 30%.

When the storage time is more than 1 month, it is recommended to charge the battery every month, and keep the power not be less than 30%, so as to keep long life of the battery.

Battery capacity / Voltage

35%

Ac power socket

⚠ **WARNING**
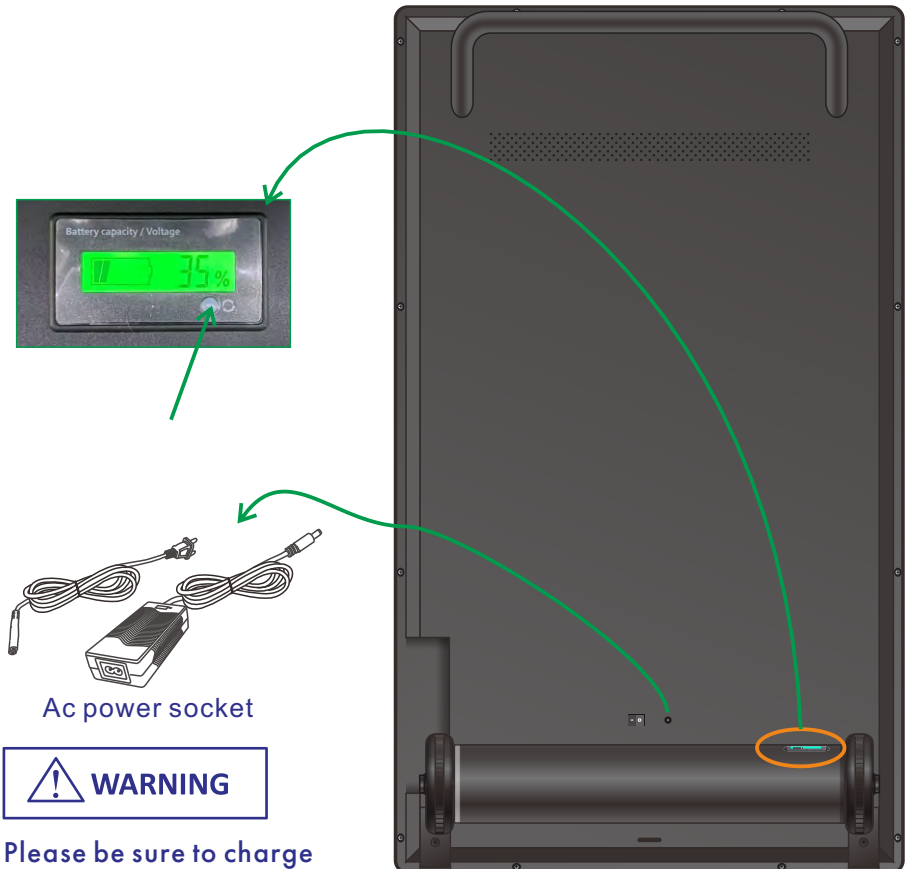
Please be sure to charge with the 25.2V, 5A charger we provide!

1.5 Technical Specifications

Item	Description
LCD size	43"
Light source	LED
Resolution	1920x1080
Brightness	400nits (Typ.)
Contrast	1200:1
Response	8ms
Pixel pitch	163.35(H)x490.05(V)um
Refresh rate	N/M
Viewing angle	89°/89°
Displays color	16.7M
Viewable area	940.896x529.254mm
Charging Adapter	
Input Voltage	AC100-240V
Hertz	50/60Hz
Power Consumption	Max. 128W
Environment	
Operating temperature	0-40℃
Storage temperature	-20-60℃
Operating humidity	10% RH to 80% RH
Storage humidity	0% RH to 90% RH
Maximum operating time	7x18Hrs
Functions	
Operating system	Android 11.0
Speakers/Watts	2x8W
Software (NovaStar,DiViEx,Other)	Signway
Processor	RK3568
RAM	2G
ROM	32G
Decoding resolution	1080P
Playback mode	loop
Touch support	Non-touch
Supported Video Files	AVI, MPEG4,WMW,MKV,FLV,MP4,MOV
Supported Photo Files	JPG,JPEG,BMP,PNG
Ports	
TF	YES
Antenna(external,internal)	internal
Ethernet LAN	1xRJ45
HDMI IN / HDMI OUT	N/A
VGA	N/A
Headset	Audio Output*1
USB	1xUSB3.0, 1XUSB2.0
SIM	N/A
Type-C	Type-C
Structure	
Net Weight	About 31kgs
knockdown/fully assembled	Fully assembled
Gross weight	About 40kgs
Unit Dimensions (Width x Depth x Height)	588(W)x341(D)x1000(H)mm
Package Dimension (Width x Depth x Height)	1120(W)x465(D)x700(H)mm
Package Type(carton,case,honeycomb,crate)	Honeycomb carton
Shell Material	Steel+aluminum
Shell Color	Black
Other	
Cord Length	1.5M
Compliance Listed (on power source;UL)	Chaging adapter FCC& DOE VI
Battery Specifications	
Commodity Description	Li-ion battery 22.2V26Ah 577Wh
Watt Hours or Amps x Voltz	577Wh
Lithium per Battery (in grams)	About 47g
Number of batteries in unit	1
Quanity of lithium button cells per unit	60 cells per battery
UN Number	UN3481
Hazmat Name	Class or DIV.: 9
General	
Application	Indoor

1.6 Safety Warnings and Precautions

Based on the product design and LCD properties, the following safety measures must be observed during the handling and use of the device:

• Avoid high temperatures and high humidity environments: The operating temperature range is 0~40°C, and the operating humidity range is 10%~90%.

• Suitable operating time: The device is rated to be used for no more than 18 hours a day.

• Use suitable voltage input: The device supports a voltage range of 100~240V. Excessive voltage can damage the device.

• Avoid exposure to strong electromagnetic environments: Strong electromagnetic waves can damage the device.

• Ensure proper ventilation: Operate the device in a well-ventilated environment for optimal performance.

• Avoid excessive vibration, heavy drops, and severe impacts: Such conditions can cause damage to the device.

• Do not replace or modify product parts yourself: Do not attempt to replace or modify components yourself. We will not be held responsible for any resulting problems.

• Perform regular cleaning: Routine cleaning helps maintain proper device operation.

Lithium Batteries Disclaimer of Liability

We are not responsible for any direct, indirect, special, or consequential damages and personal injuries, including that to life, and health, resulting from the customer's application and use of this product. You, the customer, assume full and unlimited responsibility for all Battery applications and uses. Your purchase of this product constitutes your agreement to hereafter assume full and total responsibility for your subsequent utilization of the Battery. By purchasing or using this product means that you agree to the above terms.

IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS

As Lithium batteries are volatile, please read these safety instructions and warnings before using or charging your batteries. Failure to do so may result in fire, personal injury, and damage to property.

General Guidelines and Warnings

• Battery charge and discharge rates are given as a multiplier of the capacity. For example, a 3300 mAh (mili Amp-hour) battery with a 20C rating, the maximum continuous discharge rate is:

$$20C \text{ x } 3300\text{mAh x } \frac{1Ah}{1000 \text{ mAh}} = \textbf{66A}$$

• Store and charge in a fireproof container; never in your model!

• Never short a battery by cutting both wire leads simultaneously, contact with a conductive object, or any other means. If you accidentally short the wires, the battery must be placed in a safe area for observation as described above.

• In the event of damage (from a crash, etc), or swelling (ballooning); immediately cease use of the battery and observe it in a safe place for at least 30 minutes. Continuing to use a battery that has any physical damage, or has begun to swell may result in fire, injury, or damage.

• We recommend 3-5C max average discharge rate for breaking in new packs. Also be extremely careful not to over-discharge new packs (Packs should NEVER be over-discharged at any time, but over-discharging on the first flight will result in permanent damage to the battery).

• Never store or charge a battery pack inside a vehicle (especially in extreme temperatures).

• Store battery at room temperature between 40 and 80 °F (4 to 27 °C) for best results

• Do not expose battery pack to direct sunlight (heat) for extended periods.

Charging of Battery Packs
• Let Battery Pack cool down to ambient temperature before charging. Only charge batteries when the ambient, battery, and charger temperatures are between 32 and 113°F (0 to 45°C)
• Before connecting to charger, make a visual inspection of the pack. Look for any damaged leads, connectors, broken shrink, swelling of cells, or other irregularities. Do not use if you find any of the above issues with your pack.
• Do not charge batteries packs in series. Charge each battery pack individually. Failure to do so may result in incorrect battery recognition and charging functions.
• Use specific Balance Chargers only. Always check that all charger settings have been appropriately set for your specific battery pack.
• Always use balance charging. Do not charge without balancing; this will cause the cell voltages to become unbalanced; which may result in overcharging and damaging cells
• Never charge batteries unattended or overnight. When charging batteries you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.
• Do not charge batteries above 25Volts/pack. Overcharged batteries are extremely dangerous.

Discharging (Use) of Battery Packs
• Do not discharge the batteries at a rate greater than they are rated for.
• Do not discharge batteries more than 80% of their capacity.
• Do not discharge batteries to below 3 volts per cell. Doing so will decrease the batteries lifespan.
• Discharge only when the battery and ambient temperatures are between 32 and 140°F (0 to 60°C).
• As a general guideline, a battery should never become so hot you cannot hold it tightly in your hand.

Battery Disposal
• Batteries that lose 20% of their capacity must be removed from service.
• Before recycling, discharge the battery to 3V/Cell, make sure output wires are insulated, and then wrap the battery in a bag.
• Do not dispose of batteries in the trash! Take your battery to an approved battery recycling facility.

2. Operation

2.1 Power On/Off

1.Flip the power switch to "ON."

2.Use the remote control to power on/off or press the power button on the device.

3.To shut down, flip the power switch to "OFF" and unplug the device.

Caution: Always disconnect the power plug before assembling or disassembling the unit.

- **Remote Control**

Illustration	Button	Function
	⏻ (red power)	Power switch
	SETUP	Call out OSD setup function (active at GTV home page home page only)
	▦ (function key)	Function Key, active in GTV home page and Android home page only, act as moving key
	↩ (back)	When you need to exit the current page, please press the 'Back' button.
	▶/❙❙	Play or pause
	■ (stop)	Stop playback. press this button, the GTV home page will be presented right after
	▲▼◀▶	Up/down/left/right
	🔇 🔊+ 🔊−	Mute/volume up/volume down
	1 2ABC 3DEF 4GHI 5JKL 6MNO 7PQRS 8TUV 9WXYZ 0	Number input keys
	HDMI	For extension out only, not available for content uplaod
	MENU ⊕ 🏠 🔍 INFO 🔒 DISP VGA Ypbpr AV	No function

(Remote control illustration showing: POWER, SOURCE, MENU, SETUP, F1, F2, F3, F4, function key, search, play/pause, home, back, up/down, previous/next, stop, number pad 1-9, 0, mute, volume +/-, lock, INFO, DISP, HDMI, VGA, Ypbpr, AV)

Note: When using this remote control, regardless of which button you press, the system will prompt you to enter a password.
The password is: 666666.
You must enter the password before the remote control can be used normally

2.2 Configuring the Device
2.2.1 Method 1: Through the GTV Home Page (also called the OSD menu)

When the device is turned on, the system will immediately load the GTV home page and automatically activate playback mode. If a program is available for playback, either from the device's ROM or a connected USB storage, it will start playing automatically. However, if no program is available, the GTV home page will remain displayed, waiting for further action.

GTV home page

At this point, you can press the [SETUP] button on the remote control or click [⚙ Setup] in the upper left corner of the GTV home page to access the system settings page. From there, you can configure settings such as language, work mode, network, time, and more.

System setting page on GTV

2.2.2 Method 2: Through the Android Home Page

When the device is playing, press [▭] to return to the GTV home page. At this point, press [F1] [F2] [F3] [F4] sequentially to exit GTV and enter the Android home page. Afterward, you can either click [⚙ Setup] directly on the page or first click the Android menu and then select [⚙ Settings] on the Android menu page to access the Android setup page for device configuration. Once the configuration is complete, click [SIGNWAY] to return to GTV and resume playback.

| Android home page | Android menu page | Android setup page |

2.3 Required Settings Before Playback

2.3.1 Language Settings: The default language is English. Use the remote control to select Simplified Chinese or Japanese if needed by pressing ◀▷▽△ + ⬑ .


Language page

2.3.2 Work Mode: There are two work methods.

1.**Network Mode**: Upload programs via LAN, Wi-Fi, or 4G/5G.
2.**Standalone Mode**: Upload programs manually using a USB device. To manually upload programs to the device via USB, follow these steps:

    i.Click on Work Mode and select Single.

    ii.At the same time, enable USB in the System Settings page.

    iii.Once USB is activated, insert the USB drive into the device's USB port. The device will recognize the USB storage and automatically upload the program stored on it.
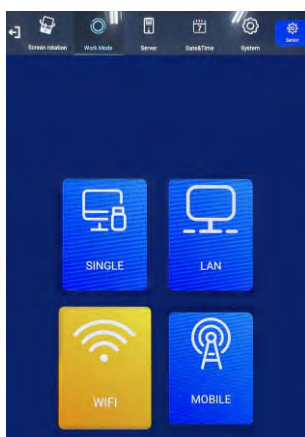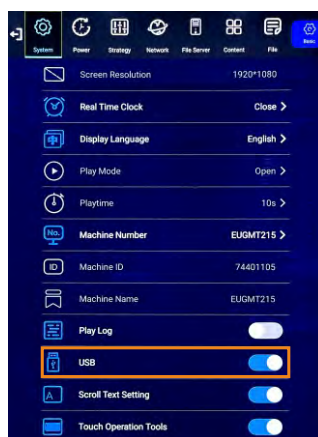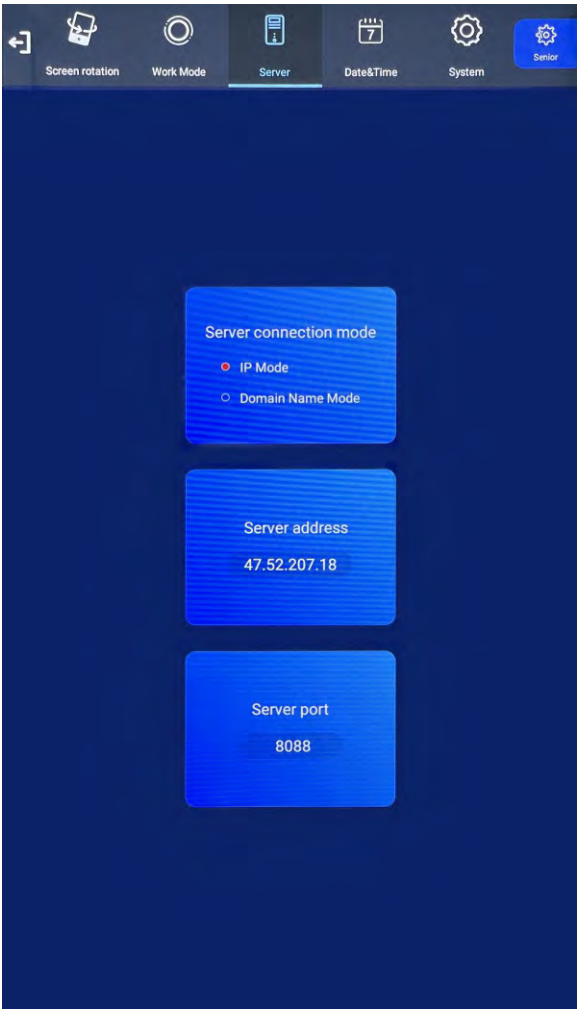

Work mode page   System setting page-USB

2.3.3 Network Configuration:

When you select one of the network paths as your Work Mode, ensure that the network environment is properly configured and available. If the settings are correct, the server address (web IP) will be displayed on the page below.
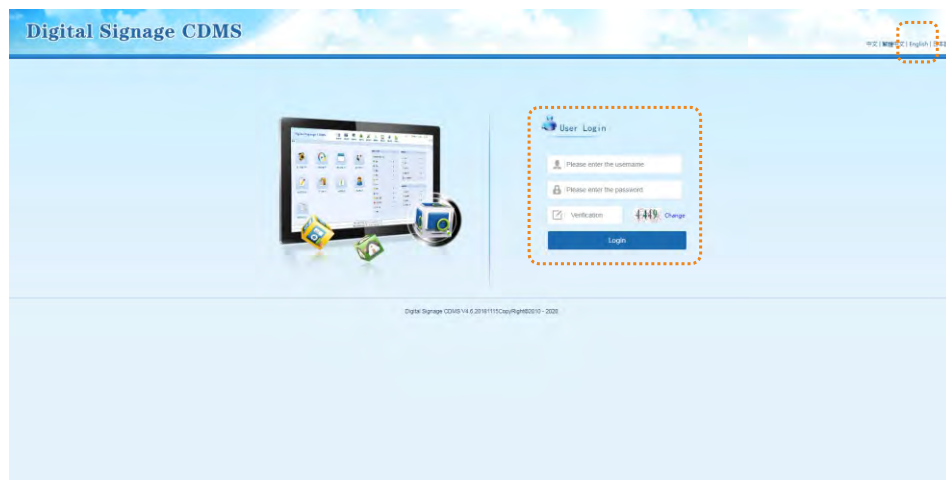

Network setting page

3. Content Edit and Playback

3.1 Cloud CDMS Server Platform

Access the CDMS server platform using your account credentials at:

http://47.52.207.18:8088/cdmsA/index.jsp.

3.2 Editing and Producing Content

After logging into the cloud CDMS platform, you can edit content, create programs, design display plans, and publish programs to devices on the platform. CDMS is a powerful platform for managing your displays, including images, text, videos, audio, or complex multimedia content. For detailed operation instructions, please refer to the "Digital Signage CDMS_Manual_V4.6.20" PDF.

3.3 Uploading and Playing Content

As mentioned in section 2.4.2 Work Mode, there are two ways to upload programs to devices:

- Network: Ensure your device's network is fully configured and functioning properly. Once configured, you can easily publish programs to the devices.
- USB: In a stand-alone (single device) scenario, you need to activate USB functionality first. As shown in "System Setting Page - USB" in section 2.4.2, download the programs from the CDMS platform onto your USB storage device. Insert the USB into the USB port of the device. The device will recognize the USB, upload the program, and play it back automatically.

4. Product Warranty and Maintenance

4.1 Warranty Policy

• A one-year warranty is provided starting from the purchase date, covering normal and reasonable use of the device.

• Unauthorized modifications or parts replacements will void the warranty.

4.2 Maintenance Guidelines

1. Regularly clean the device, including dusting the surface and frame.

2. Follow the safety precautions listed in Section 1.5.

3. In case of device failure, inform the seller and ensure that any maintenance works or repairs be performed by a qualified professional.