

User Manual

43-Inch ECO Powered A-Frame Digital Signage



V1.0 @ 2023.09

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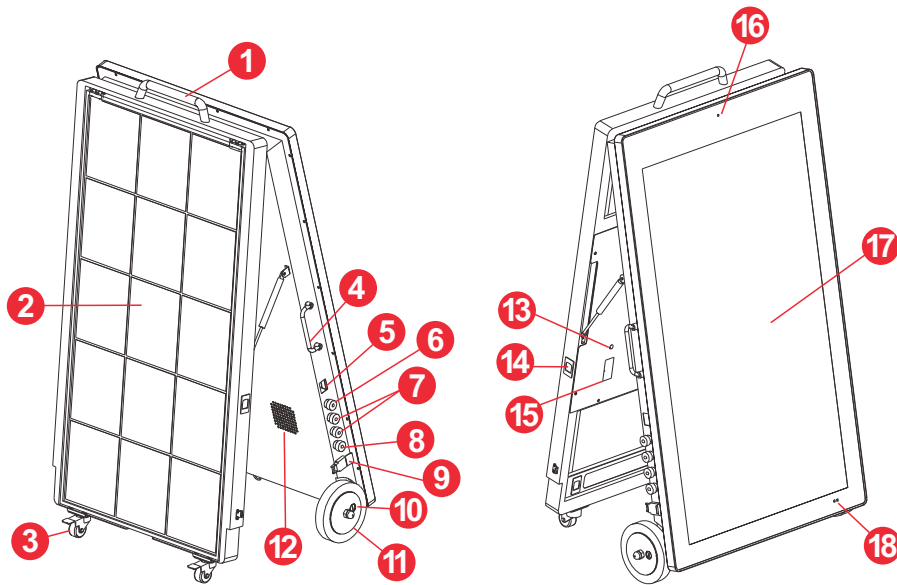
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1. Product Information

1.1 Product feature

43-Inch ECO Powered A-Frame Digital Signage is a Floor Standing LCD charging station with Brochure Holder with elegant frame design, 32" high quality LCD screen, Signway control board and UL/CE power supply embedded inside, which is capable to have wireless, Ethernet, cloud platform and USB program edit, playback for advertising, education, commercial and every kind of communication use at everywhere in the place you want.

1.2 Product Composition



#	Description
1	Handle
2	Solar panel
3	Casters
4	Side handle
5	On/off switch
6	USB port 3.0

#	Description
7	USB port 2.0 x2
8	RJ45 port
9	Fasteners
10	Wheel Lock
11	Wheels
12	Speaker

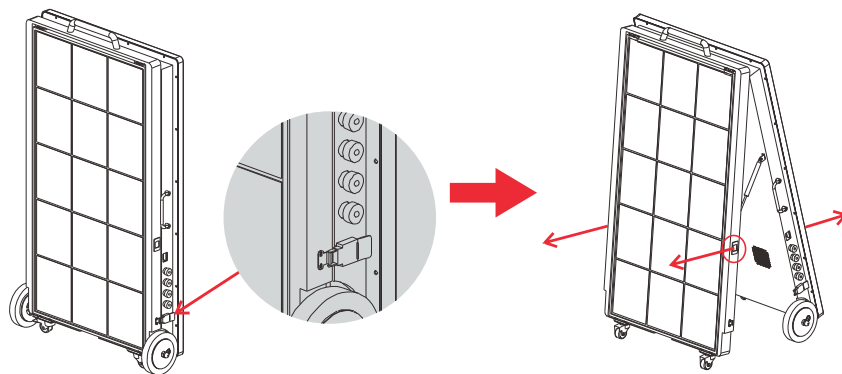
#	Description
13	DC charging port
14	Fastener
15	Power indicator
16	Light Sensor
17	LCD Screen
18	Remote Sensor

Assembly

TO OPEN UNIT

⚠ CAUTION: 2 people required to safely unfold the unit.

1. Unbuckle both fasteners on either side of the unit, while another person holds the sides of the unit to keep steady.
2. Open unit until solar panel is fully extended into A-shape.

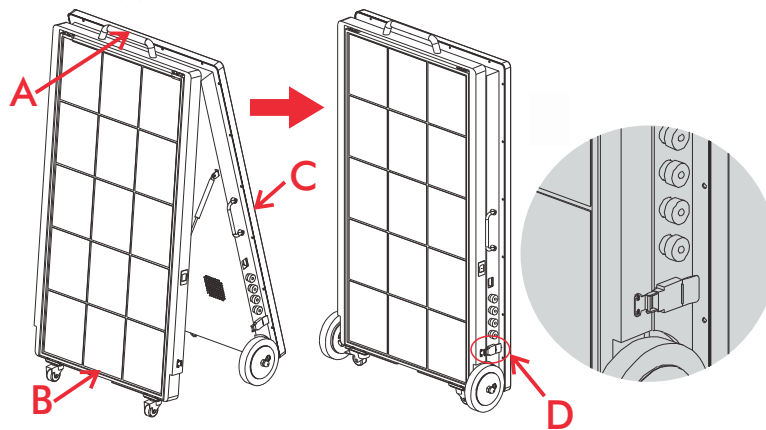


**2 PEOPLE REQUIRED
FOR OPERATION**

TO CLOSE UNIT

⚠ CAUTION: 2 people required to safely unfold the unit.

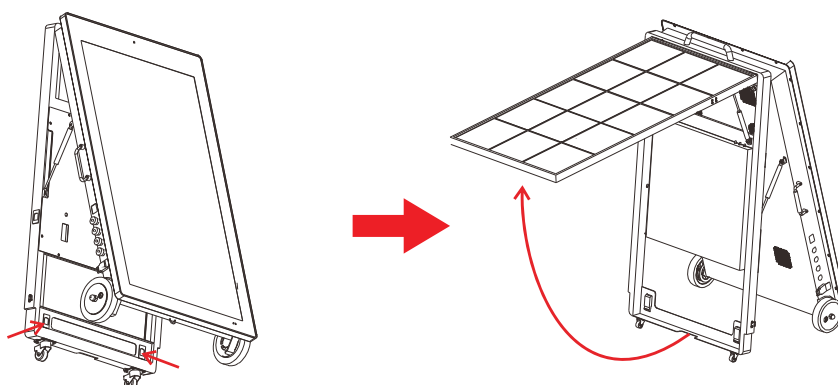
1. Hold top handle (A) with one hand while supporting the bottom of the unit (B).
2. Have a second person stand in front of the LCD screen and hold side handle (C).
3. Push sides together to close. Do not put your fingers behind LCD panel to avoid pinching!
4. Secure fasteners (D) on each side of unit.



EXTEND UNIT SOLAR PANEL

⚠ CAUTION: 2 people required to safely unfold the unit.

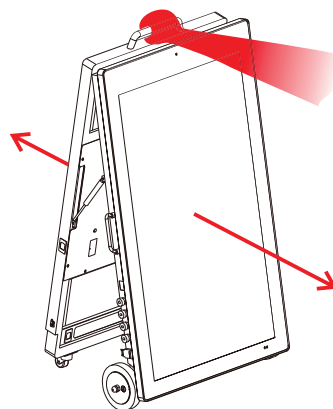
Unlock solar panel by pulling locks downward. Grip solar panel by notch in frame, then extend. Solar panel automatically locks in place.



Transportation

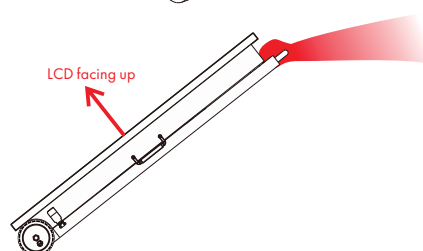
ON FLAT GROUND

While unit is in A-shape and the solar panel is folded down, hold the upper handle and carefully move product.



ON SLOPED OR UNEVEN GROUND

Fold the unit closed and secure fasteners (see previous page for instructions). Tilt unit onto wheels with LCD screen facing up. Hold top handle and carefully transport unit.



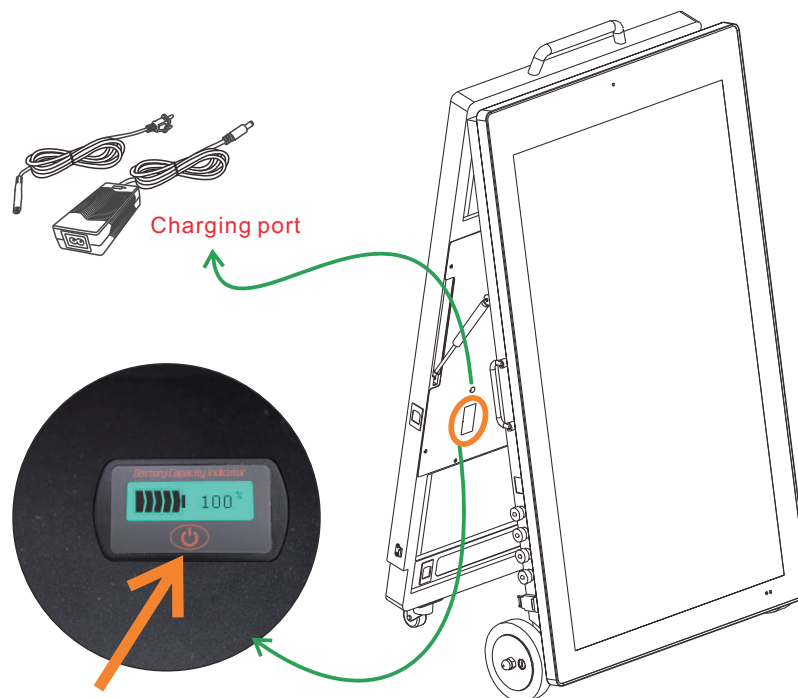
OPERATION

Rechargeable Battery

- To see battery level, press the Battery Power Indicator power button on the inside of the unit.
- To charge unit, connect power cord to charging adaptor. Insert into charging port of unit, then connect to outlet.
- To store the unit for an extended period of time, it is recommended to charge the battery to at least 30% and recharge the battery each month in storage to at least 30%. This will preserve the life of the battery.

! **NOTE:** We recommend charging the unit when battery level is lower than 10% to preserve the life of the battery.

! **CAUTION:** Only charge with the provided 25.2V, 5A charger.



*** Standard Accessories Quantity Table**

Accessory	Picture	Qty
AC Power cord		1
Remote control		1
Key		2
User menu		1

1.3 Product Technical Data

Items	Specification
CPU	Rockchip RK3568, Quad-core CPU
RAM	4G
ROM	32G
Outline Dimension	468mm x 450mm x 1800mm
Screen Size	43 inch
Display Color	16.7M Colors
Number of Pixel	1920 x 1080 Pixels
Media Format	MPEG1、MPEG2、MPEG4、H.264、 WMV、MKV、TS、FLV、MP3 JPG、JPEG、BMP、PNG、GIF
Input Voltage /Current	AC 100-240V 50/60Hz 5A
Power Consumption	126W

1.4 Safety Warnings and Precautions

Based on the product design and LCD property, the following security works must be complied with in the device handling and use.

- Avoid high temperature and high moisture circumstance use : operating temperature 0~50°C; operating humidity 10%~90%
- Suitable operating time : 20 hours a day or less
- Suitable voltage input : 100~240v, excess voltage will cause damage to the device
- Keep away from strong electromagnetic circumstance : strong electromagnetic wave will cause damage to the device
- Be used in ventilated circumstance : well- ventilated environment would be better for the device use
- Avoid excessive vibration, heavy drop and sever impact : any heavy vibration, drop and impact will cause damage to the device
- Do not replace or modify product parts by yourself : we will not be responsible for any product problems of the device caused by self-adjustment.
- This is a non-water-proof product, so please be sure to avoid water leaking into the product.
- To have regular cleaning work : regular cleaning work is good for the device operation

2.Product installation

2.1 Terminology of the product :

- The product : The whole product, including hardware and software of front-end display device and back-end content software platform.
- The device: front-end display device which drawing showed on the 1cover page page of this manual.
- GTV : the display software applied on the front-end device management. Please refer to **"Signway DS Player Software_Android_Manual_V1.0_140609"** PDF for the detail.
- CDMS: the content management software applied on the back-end content edit, program produce, program publish.. etc. management. Please refer to **"Digital Signage CDMS_Manual_V4.6.20"** PDF for the detail.
- Android : Android is an operating system based on a modified version of the Linux kernel and other open source software, designed primarily for digital devices. The product was developed based on Android system.

2.2 Set up the product and the way to access

- Open the device back bracket, place it on a flat floor, and connect AC power
- Turn on power switch, make sure LCD is on and IR indicator, blue light on the surface, is on as well.
- Make sure the mouse or the remote control works well
(we recommend to use mouse which is a more efficient tool)
 - mouse : connect wire or wireless mouse by using USB port on the back of the device

- remote control

Illustration	Button	Function
		power switch
		Call out OSD setup function (active at GTV home page home page only)
		Function Key, active in GTV home page and Android home page only, act as moving key
		sequentially press F1-F2-F3-F4 to exit GTV and enter Android home page
		return
		play and pause
		stop playback. press this button, the GTV home page will be presented right after
		up/down/left/right
		mute/volume up/volume down
		Number input keys
		For extension out only, not available for content uplaod
		No function

2.3 Two ways to configure the device

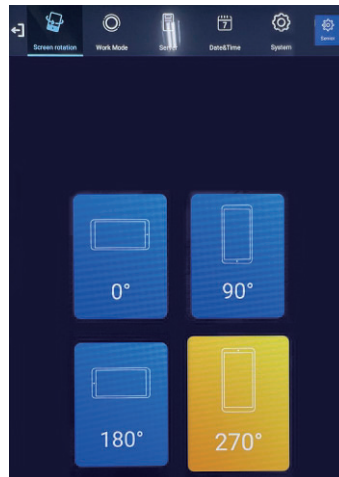
2.3.1 Through GTV Home page (also called OSD menu)

When the device being turned on, the system will enter into GTV home page at once and playback mode being active automatically, then if there is program ready for playback, either source from ROM or USB storage, the program will playback immediately. But if there is no program ready, GTV home page shown as below will stand still for further action.



GTV home page

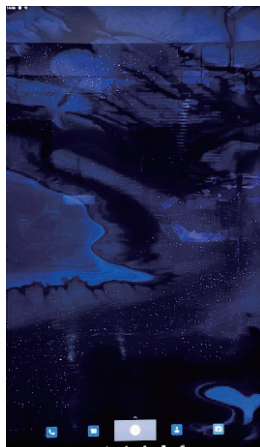
At this moment, you can press **SETUP** button on remote control or click  on the upper left corner of GTV home page and enter into system setting page as below, then you can go on for language, work mode, network, time...configuration.



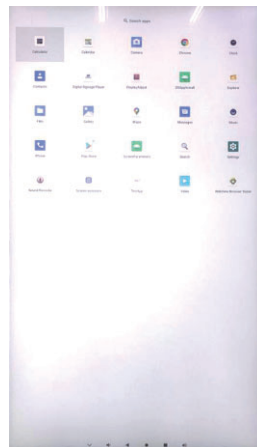
System setting page on GTV

2.3.2 Through Android home page :

When the device is playing, press  to return to the GTV home page. In that moment, press **F1 F2 F3 F4** sequentially to perform the action of exiting GTV and entering the Android home page. Afterward, you can click  on the page or click  Android menu first and then click  on the Android menu page to enter into Android setup page for device configuration. After configuration, click  to come back GTV and have playback again.



Android home page



Android menu page



Android setup page

2.4 Certain settings required before playback

2.4.1 Language :

English is the default language set in factory, you can choose to select Simple Chinese or Japanese as you want by pressing   +  + .

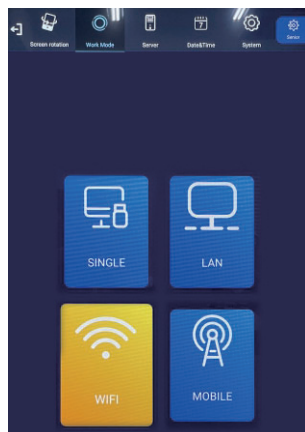


Language page

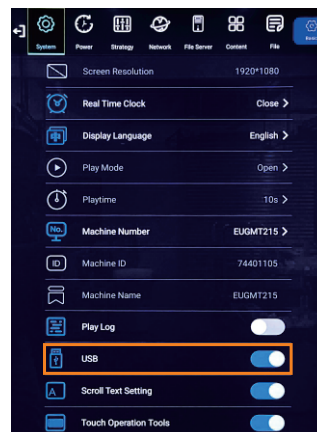
2.4.2 Work mode :

there are two major categories of work mode : network and stand-alone

- Network : It means to upload programs to the device by the network, which is divided into wired(LAN), wireless(wifi) and 3G according to the upload path used.
- Stand alone : It means to upload programs to device by USB manually. You should click Work Mode and select "Single" and you have to activate USB on System Setting page at the same time, then the device will recognized USB storage and upload the program inside when USB inserted into USB port.



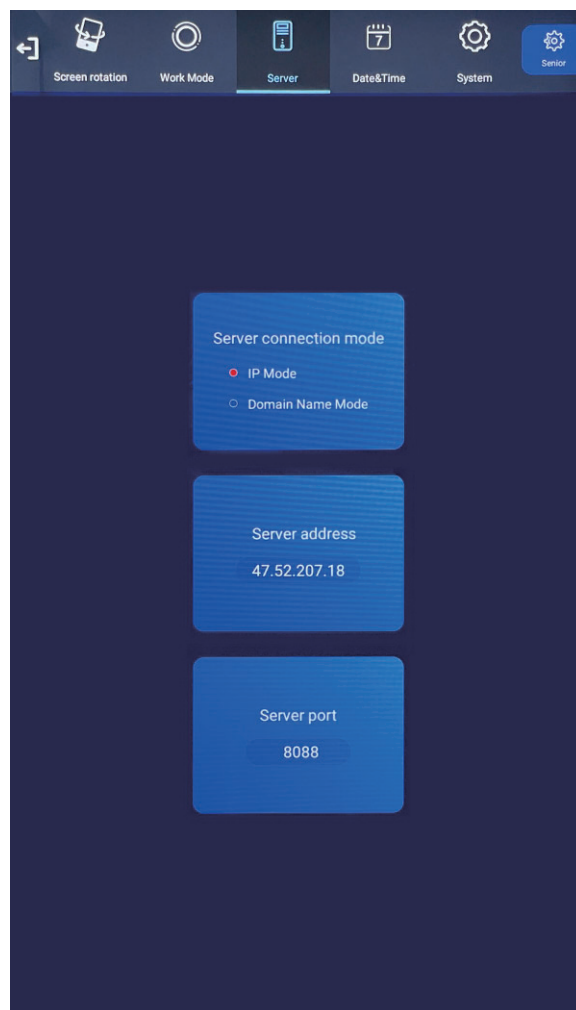
Work mode page



System setting page-USB

2.4.3 Network setting :

When you select one of the network paths as your Work Mode, you must ensure that the network environment is properly set and available. If you have correct setting, you will see server address (web IP) showed on the page below.



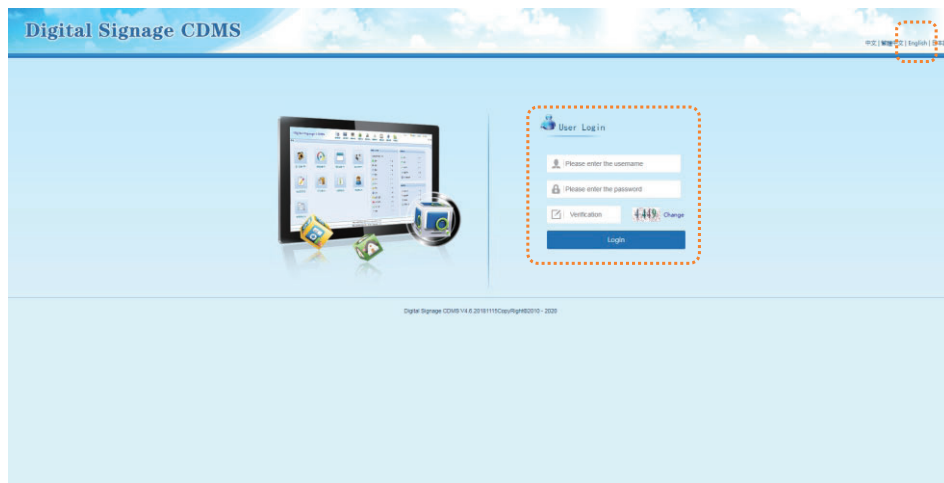
Network setting page

3. Content Edit and Playback

3.1 Cloud CDMS server platform

We have set up a cloud CDMS server platform on web to serve our customers. Please have you account and password and enter the website by using computer.

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



3.2 Content edit and produce program

After log-in the cloud CDMS platform, you can edit content, produce program, creat display plan and publish program to the devices on the platform. CDMS is a powerful platform for your displays, including images, text, video, audio or a complex, please refer to "Digital Signage CDMS_Manual_V4.6.20" PDF for the detail of operation.

3.3 Content upload and playback

As mentioned on 2.4.2 Work mode, there is two ways of uploading programs to the devices,

- Newwork : Be sure your device network is fully configured and functioned well, then you can publish programs to the devices easily.
- USB : In stand-alone (single) scenario, you need to configure to activate USB first, as shown in >>"System Setting page-USB" on 2.4.2, down load programs from CDMS platform to your USB storage and insert the USB into USB port of the device, then the device will recongize the USB, upload program and playback atuomatically.

4. Product Warranty and Maintenance

4.1 Warranty Policy

- The product provides one-year warranty starting from the ex-work delivery date under the premise of normal and reasonable use of the product.
- Any unauthorized replacement of parts and components and wiring changes are deemed to be a violation of normal and reasonable use, and we will not perform the warranty responsibility

4.2 Product Maintenance

- Regular cleaning on the product including dedusting of the surface and frame is required
- Follow through the use precautions mentioned on "1.4 Safety Warnings and Precautions" above is the most basic maintenance work.
- In case of a failure, please Inform the manufacturer and have maintenance operations by qualified person under the manufacturer's guidance.

FCC WARNING

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.

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

NOTE: This equipment has been tested and found to comply with the 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.