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## MB-5 LITE LED TRAILER is a

simple, portable, cost-effective, and functional trailer with small size outdoor LED display. This trailer has simple styling and a high quality screen. It can greatly meet the needs of electronic

MB-5 Lite trailer has a digital LED display of 10ft by 5ft and the pixel pitch of the LED display is optional 3mm, 4mm, 5mm. With high resolution and waterproof outdoor LED screen, it can be also customized with speaker, amplifier and on-board generator on the trailer.

MB-5 Lite LED trailer is widely used for events, concerts, tailgating, graduations ceremonies, scoreboards, golf tournaments, demo-days, restaurants, watch parties, weddings, races, marathons, charity events, tent sales, political campaigns, real estates and much more.









































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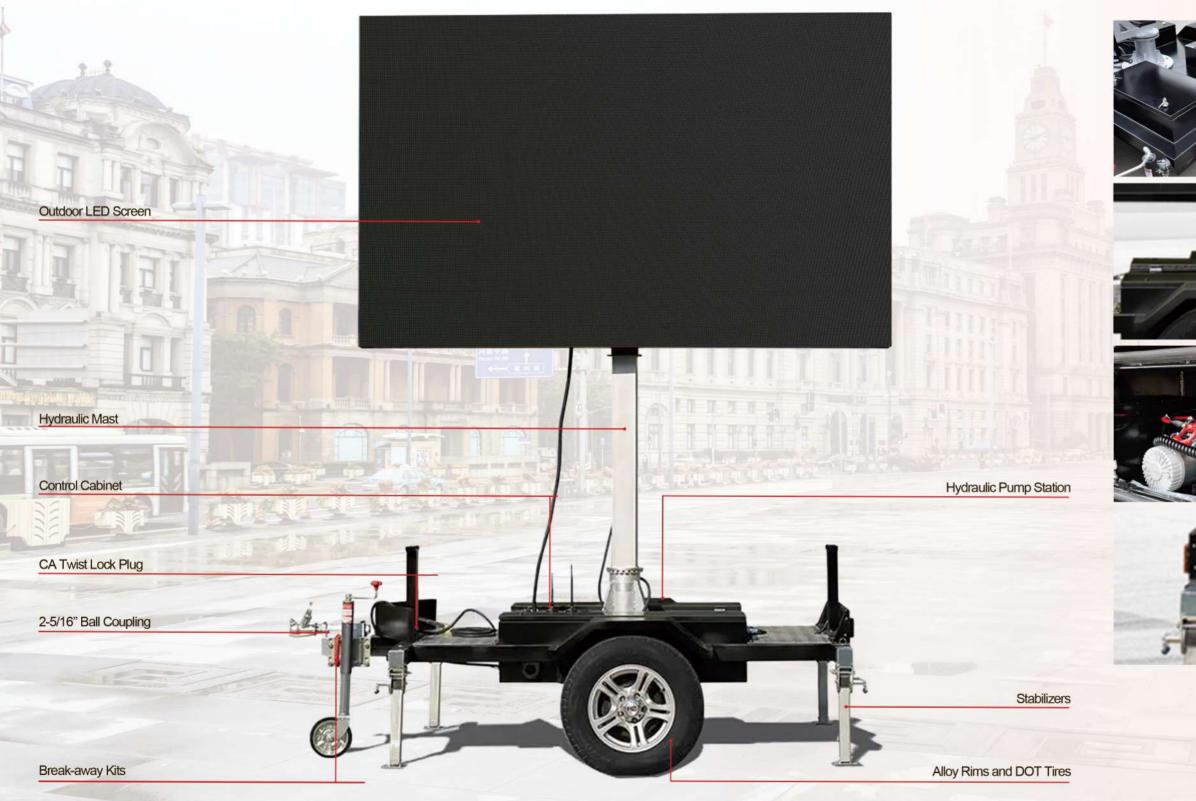


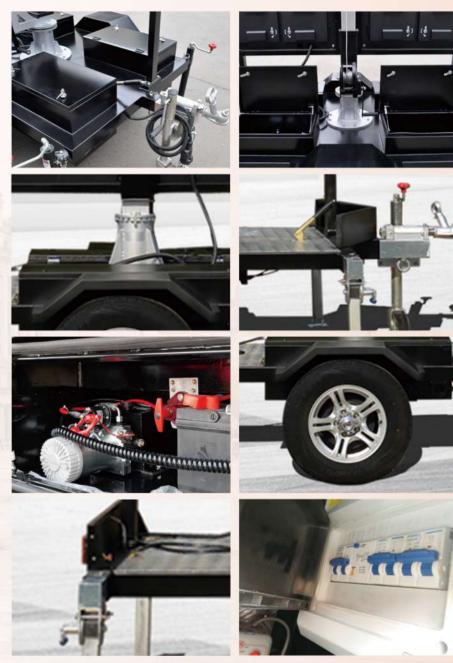
CHURCH worship





# TRAILER STRUCTURE





# **Trailer Advantages**



# COMPLIED WITH DOT, U.S. REGISTRATION APPROVED

MOBO LED screen trailers comply with US DOT regulation. Each VIN of our trailers can be decoded on NHTSA(National Highway Traffic Safety Administration) system. You will get all necessary paperwork to register your trailer in the United States.

Components of our trailers such as LED lights, tires, coupler, braking system, plug cord, electric cables etc are also DOT approved.



# IN FASHION SHAPE WITH PROFESSIONAL POWDER COATING

MOBO trailer has unique beautiful curve shapes and lines by hand-finishing metal plate work. Our 7-step powder coating makes better corrosion protection and attracts more sights, impressions and visual experience in your event. MOBO trailers are always in fashion instead of miserable designs.



YONGKANGXTA

#### **ALUMINUM ALLOY RIMS & LARGER TIRE**

Our Aluminum alloy rim and 265/70R16 larger size tires for you are lightweight but strong, withstand heat well and are generally more attractive than steel wheels.



#### HIGH STRENGTH RIGID TRAILER CHASSIS

Our trailer chassis is constructed with high grade materials to carry hydraulics and LED screen weight, extending chassis ride-life and offer advanced corrosion protection.



#### **SMALL TRAILER FOOTPRINT**

When screen folded, MOBO trailer has low height to drive on road with high safety. After parked, our trailer footprint is also small and does not take up any extra space. You can easily store the trailer or operate the trailer in limited space.



#### **BREAK AWAY KITS WITH HIGH SAFETY**

Our break away kits can ensure the LED screen trailer to stop in an emergency and avoid potential accidents while you are driving. It is made of premium PP material, rustproof, not easy to break, sturdy and durable.



#### WATERPROOF MEDIA CABIINET

MOBO MB-5 Lite LED trailer has waterproof control cabine. The cabinet is well sealed for waterproof and can prevent dust coming into the cabinet. Video control facilities and control panels are assembled inside with convenient operation for you.

# **Trailer Advantages LED Screen Features**

## SMALL PIXEL PITCH & MAX. 2K RESOLUTION SOLUTION

MOBO trailer outdoor LED screen can give you small pixel pitch from 2mm, 3mm, 4mm, 5mm etc. Our highest screen solution can reach 2K visual performance to display your videos and images. MOBO trailer LED screen will supply your event with stunning visual





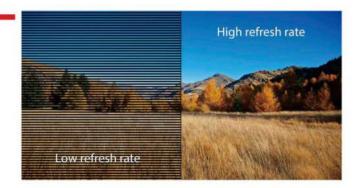
# EYERFINE CO O SAME PROBLEM DESCRIPTION SRC-2005 SRC-2005 SRC-2005 SRC-2005 SRC-2005 SRC-2005 SRC-2005 SRC-2005

#### HIGH BRIGHTNESS AGAINST SUNLIGHT

With a great brightness of 5500nits (optional max. 7500nits), MOBO trailer LED screen clearly delivers content for outdoor visibility under strong sunlight. The screen brightness can be automatically adjusted depending on the ambient light at different time. MOBO trailer screen will offer a very comfortable brightness for your event.

# HIGH REFRESHING RATE WITH SMOOTHER VISUAL EXPERIENCE

Our screen are 3840 Hz high refreshing rate with good photography effect. It contributes to stunning visual fidelity and incredibly smooth motion particularly in your fast-moving scenes, like watching sports, musical streaming or while playing video games.

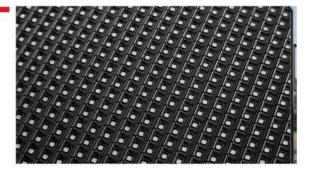


#### **DURABLE IRON LED SCREEN CABINET**

Iron cabinet is also one of the most widely used body material for screen. It is also strong and suitable to withstand all sorts of weather conditions. The cabinet is made of iron sheet metal, with low raw material cost, as well as strong, durable, and not easily deformed features.

#### **GREAT FLATNESS LEVEL ON LED PANEL**

MOBO trailer screen use high precision LED mask, PCB board and bottom shell. Skilled workers can assemble LED modules and cabinets well to make the whole screen flat. You will not have the problem of worst image presentation caused by flatness when you play the videos on MOBO LED trailer.



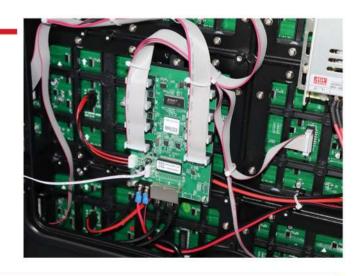
#### **IP65 PROTECTION LEVEL**

Our LED screen is designed for all-weather use in outdoor environment. The high protection grade of IP65 ensures durability, reliability, anti-ultraviolet properties, and stability. The high-standard sealing protection ensures the LED display cabinet dustproof, waterproof, and corrosion-resistant. The trailer will offer you with longer lasting service life.

#### FRIENDLY MAINTENANCE DESIGN

The rear access iron cabinet is easy to perform the maintenance. You can easily use a cabinet key to open the door, remove the screws first, and replace the LED module, power supply, control cards etc inside the cabinet. We will also send free spare part for you to replace.





#### LIFTING & ROTATING LED SCREEN

MOBO trailer LED screen has a standard lifting height of 11.5ft from the screen top to the ground (can be customized with higher position). The screen can also be continuously rotated with 360 degree. The hydraulic operation is highly stable and can improve the interaction between screen and audience in your event. It greatly creates a better visual experience for you!

# **Trailer Advantages**



#### REMOTE CONTROLLER & WIRE CONTROL

MB-5 Lite trailer LED screen can be easily lifted up by the hydraulic system. There is a battery inside the hydraulic station and can drive the screen to lift up or go down. You can use the wire controller to set up the screen by simply pressing the UP and Down buttons.



#### ONE WORKER, 10 MINUTES SETTING UP

After you park MOBO LED screen trailer, the screen set up can be easily done in about 10 minutes by one operator. With convenient hydraulic operation, MOBO LED trailer can greatly reduce your cost to set up the screen in all kinds of events.



# AVIATION HYDRAULIC FLUID WORKING IN EXTREME WEATHER

All MOBO LED screen trailers use aviation hydraulic fluid. It is very high viscosity index for use over a wide temperature range in extreme climatic conditions, and has excellent wear protection in operaing environment. We use high reliable materials to make hydraulic system safer for you.



#### APPLY TO PORTABLE SATELLITE TV

MB-5 Lite media system can work with portable satellite TV to offer TV streaming for your tailgating, entertaining outdoors, sports games, or movie night in the backyard. You can enjoy nationwide coverage and all of your favorite TV programming.

MB-5 Lite trailer with satellite TV wil take your viewing experience wherever your drive the trailer.



#### **NOVASTAR LED SCREEN CONTROLLER**

MB-5 Lite trailer uses NovaStar TB-40 LED control box to upload and manage the content on the trailer screen. It supports both synchronous control and asynchronous control with your laptop, PC, tablet, cellphone etc. You can also remote control it with WIFI or 3G/4G sim card. You can also control multiple trailer screens with NovaStar cloud platfrom.

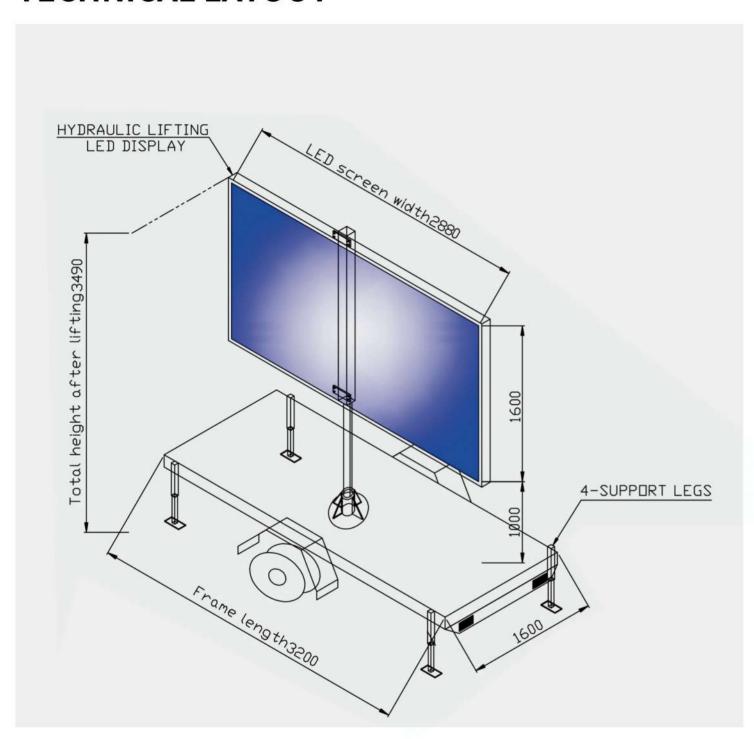


#### OTHER OPTIONS FOR TRAILER

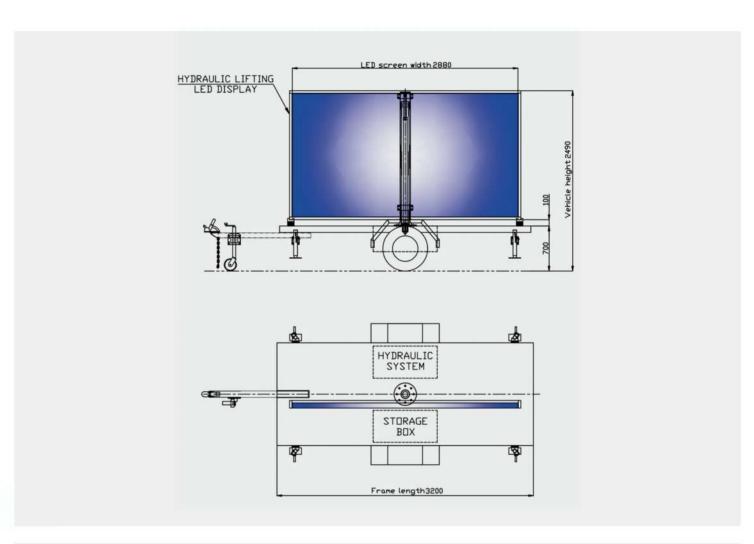
Trailer Color
Top Performance Screen
Speakers and Amplifier
On-board Silent Generator
12.6' x 6.3' Maximum Screen
Cover for LED Screen

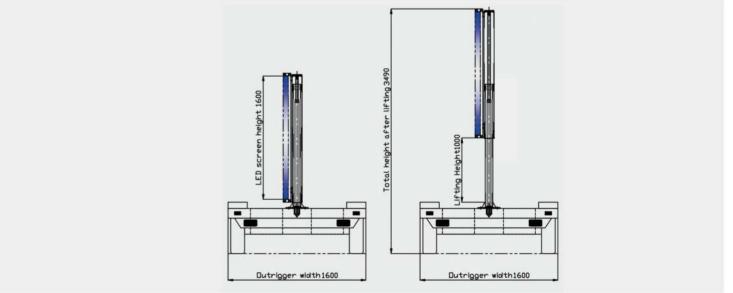


## **TECHNICAL LAYOUT**











## **TRAILER PARAMETERS**



#### **Trailer Chassis**

Platform, Flatbed Trailer Type Transport Dimension (with drawbar) 14' x 5.25' x 8.7' 14'x 5.25' x 12.14' Operating Dimension (with drawbar) 2100LBS Gross Vehicle Weight Rating(GVWR) Single Axles LT265/70R16 Tires

Rim 8" x 16", Aluminum Alloy Electric and Hand Brake Brake

Brake Away System

2-5/16" Dia Ball Coupler

Glossy Black or Custom RAL Color Color

Stabilizers 4 sets 45 MPH **Wind Rating US DOT Road Approval** 



**Protection Grade** 

## LED Screen Parameter

**LED Screen Brand** LongRun or Custom 9.45'W x 5.25'H / 2880mm x 1600mm Screen Dimension (Ft/mm) Pixel Pitch 5 576p x 960p x 720p x Screen Resolution 400p 512p 320p LED Module Size (mm) 192 x 192/ 320 x 160 960x768 / 960 x 400 LED Cabinet Size (mm, L×W×T) **Cabinet Material** Standard Brightness(Nits) 4000-4500 5000-5500 5000-5500 ≤7500 Optional Highest Brightness (Nits) ≤5500 ≤7500 Max. Refreshing Rate(Hz) ≥1920Hz 1/16 1/10 1/8 Scanning Code Grey Scale(Bits) 14 ≥5000:1 **Contrast Ratio** 140/140 Horizontal/Vertical View Angle(Degree) Input Voltage/Frequency 110V~240V, 50~60Hz IP65 **Protection Grade** Control System NovaStar ≤850 Max. Power Consumption (Watt/m²) Avg. Power Consumption (Watt/m) ≤280 -4F ~ 175F **Working Temperature** 

IP65 (Fully Waterproof)



## Hydraulic Mechanical Parameter

Control Mode Wire Control 1.5KW **Motor Power** 11KPa **Nominal Pressure** Oil Type Aviation Hydraulic Fluid

**Overheat Protection** 

#### **F**●●● Media Control System

NovaStar TB-40 **LED Controller** 

Input Resolution Up to 1920 x 1080p @60Hz

Video Input 1 x HDMI 1.4, 2 x Sensor Connectors

2 x Gigabit Ethernet Ports, Video Output

1 x Stereo Audio Connector -1 x HDMI 1.4

1/8inch(3.5mm) **Audio Input** 



#### **Power System Parameter**

Max. Screen Power Consumption 4,000 Watts 1,300 Watts Avg. Screen Power Consumption Other Equipment Power Consumption 500 Watts

(Speaker, Amplifier, LED Controller etc)

Input Voltage 120V

30A Twist Lock x 1 set Plug Type



## Optional Equipment List

Speakers and Amplifier **Audio System** Super Silent Inverter Generator **Power Generator** Cover Logo Printable, Tarpaulin

**Customize LED Screen Brand** 

Extended from 3 Years to 5 Years **Warranty Extending** 

Screen Lifting Height(top to ground) 3.28ft

360 Continuous **Screen Rotating Degree** 



## **MOBO**

## **APPLICATIONS AND CASES**



















# **3MOBO**

## WHY CHOOSE MOBO?

## **Prime Quality LED Trailer**

#### · We Are A Tustful Brand

MOBO trailers have unique beautiful curve shape designs and our trailers will take your brand to the next higher level by increasing more sights, impressions and better visual experience in the event.

We reorganize our best factory and LED screen supplier to build the trailer with high quality complying USA standard at competitive price. This is why MOBO trailers are so welcomed by USA government, as well as small and medium event companies.

## **Affordable Price**

#### · Help You Make Profits Fast

The price of MOBO LED screen trailers is quite friendly to our clients, especially who start the new business with our trailers. We also offer financing plans for clients who are lack of funds.

MOBO only keep reasonable profits to grow our market. You only need to invest less money to buy the trailer, but can collect back your investment in short time and start making profits quickly.

## **Turnkey Delivery**

#### From MOBO Factory to Your Door

MOBO are always committed to improving our service for you. Our LED screen trailers are well loaded and protected in the container after production and ship to your door or warehouse with high safety.

After placing the order, you only wait for our driver's call to receive portable LED screen trailer and start your business!

## 3 Year Warranty

#### Keep Improving After-Sale Service

MOBO offer a 3-year warranty of our LED screen trailers. Terms and conditions apply. We believe in supporting customers from point of purchase, all the way through to maintenance and repair.

Our engineers are ready for remote technical consulting or onsite service. Our parts are available for despatch delivering from our warehosue in the USA or factory base by DHL or FedEx.

We take the hassle and headache out of maintenance, helping you to run efficiently, minimize your downtime and keep your LED screen trailers running - day-in, day-out.

## **CONTACT US**











