

LED DJ Booth

User Manual & Product Guide

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1. Product Overview



The LED DJ Booth is a curved DJ console display designed for nightclubs, bars, event venues, and live performances. Featuring a P2.5mm fine pixel pitch with SMD1515 LEDs, it delivers stunning 16.7 million colors at 700 cd/m² brightness. The curved front design creates an immersive visual experience, while the floor-standing structure with caster wheels ensures easy mobility. With a screen resolution of 1024×384 dots and a refresh rate of ≥3840 Hz, it guarantees smooth, flicker-free visuals for professional DJ setups. Supporting synchronous control, mobile APP, PC, and cloud service, it offers flexible content management for any event.

2. Key Features

Curved Front Design Immersive curved LED display creates stunning visual impact for DJ performances and events.	**P2.5 Fine Pixel Pitch** SMD1515 1R1G1B LEDs with 160,000 dots/m² density for crisp, detailed images and videos.
High Refresh Rate ≥3840 Hz refresh rate ensures flicker-free video output, perfect for camera recording and live streaming.	**Multi-Control Methods** Synchronous control, APP, PC, and cloud service for flexible content management across platforms.
Floor-Standing Mobility Built-in caster wheels with brake for easy positioning and stable setup on any flat indoor floor.	**Front Maintenance** Magnetic front service design allows quick module replacement without disassembling the unit.
High Brightness 700 cd/m² typical brightness with wide 160° horizontal and vertical viewing angle for all audiences.	**Complete Package** Includes flight case, power cable, signal cables, suction tool, spare LED module, and user documents.

3. Technical Specifications

Display Parameters	
Display Size	2560 × 960 mm
Pixel Pitch	P2.5 mm
LED Configuration	SMD1515, 1R1G1B
Pixel Density	160,000 dots/m²
Module Resolution	128(W) × 64(H) dots
Screen Resolution	1024(W) × 384(H) dots
Module Dimensions	320 × 160 mm (Customizable)
Display Area	2.46 m²
Module Thickness	14 mm
Module Weight	0.5 kg
Brightness	700 cd/m² (White Balance ≥500 cd/m²)
Contrast Ratio	4000 : 1
Viewing Angle	160° (H) / 160° (V)
Optimal Viewing Distance	2.5 m ~ 100 m
Gray Scale	256 levels per lamp
Display Colors	16,777,216 colors
Color Temperature	8,500K ~ 9,500K
Chromaticity Coordinates	XY 0.28 ~ 0.30
Refresh Rate	≥ 3840 Hz
Scanning Method	1/32 Scan
Driving Method	Constant Current
Interface Type	HUB320
Service Life	≥ 60,000 hours
System & Connectivity	
Operating System	Synchronous Control System
Network Connection	WiFi, Bluetooth, RJ45 Ethernet
Control Methods	Synchronous Control / APP / PC / Cloud Service
Communication	Synchronous Control
Supported Formats	Image, video, audio files
Environment & Power	

Input Voltage	AC 220V / 100V ±15%, 47-64Hz
Driving Voltage	DC 4.2-5V
Total Power Consumption	2,400 W
Max Power Consumption	700 W/m²
Average Power Consumption	350 W/m²
Module Max Power	≤ 18 W
Working Humidity	10% ~ 90% RH (non-condensing)
Installation	Floor-standing
Application Scenario	Indoor only
Certification & Warranty	
Certifications	ISO9001, CE, RoHS, FCC
Warranty Period	1 year (one-on-one VIP lifetime service, phone & video support)
OEM/ODM	Supported

4. Control Methods

Method 1: USB / SD Card	Method 2: LED Art APP
Insert USB drive or SD card for plug-and-play local content update	Send content directly via WiFi using the LED Art mobile APP

Scan with phone camera to watch video

USB / SD Card Operation Video	**LED Art APP Operation Video**

5. Interface Description



Interface	Type	Function Description
POWER	AC Power Input (Blue Connector)	Connect AC 220V/100V power supply
HDMI IN	HDMI Interface	External PC/player video input
LAN	RJ45 Port	Wired network connection
USB	USB 3.0	External USB drive, mouse, keyboard
AC OUTLETS	AC Convenience Outlets	AC power output for external devices
USB PORT	USB Charging Port	USB charging and data transfer

6. Product Dimensions



7. Installation Guide

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Unpacking	**Position Booth**	**Connect Power**	**Upload Content**
Confirm all accessories complete, no shipping damage	Place on flat indoor floor, lock caster wheels with brake	Plug in power cord, turn on switch	APP / USB, start playback

Scan with phone camera to watch installation video

8. User Guide

Power On After connecting the power cord, press the power button and wait for the system to initialize.

Content Input Choose a content input method: HDMI from Laptop / Media Player, USB Playback, LAN / PC Control, or Mobile / App Control.

Test Display Play a test image or video to verify the display output.

Display Check Check that the image is centered, complete, and free of distortion. Ensure the screen lights evenly, content source is recognized, no missing pixels or dark blocks, and signal is stable with no flicker.

Save Settings If the screen displays normally, keep the factory controller configuration. Adjust content settings only as needed for the event.

9. Safety & Maintenance

● Safety Precautions

- Please use the original power cord and ensure proper grounding to avoid electric shock risk.
- The installation location should be away from heat sources and humid environments, ensuring good ventilation and heat dissipation.
- Please disconnect power before cleaning, wipe with a soft dry cloth, and do not use corrosive cleaners.
- Do not disassemble the unit by non-professionals to avoid damaging internal components or voiding warranty.
- When moving the booth, ensure the caster wheels are unlocked and the floor is flat and dry.
- Do not push directly on the LED surface. Use two adults for unpacking and positioning.

● Routine Maintenance

- It is recommended to clean the screen and heat dissipation holes every 3 months to prevent dust accumulation affecting heat dissipation.
- When not in use for a long time, please turn off the power and unplug.
- Avoid displaying static images for long periods to prevent image retention (burn-in).
- For software upgrades, please obtain firmware through official channels.
- If the device is moved frequently, please regularly check whether the caster brakes are secure.

10. Warranty Policy

● 1. Warranty Period

This product comes with a 12-month limited warranty from the date of purchase, covering failures caused by material or workmanship defects under normal use conditions. The warranty period is based on the purchase invoice or order date.

● 2. Warranty Coverage

- Display abnormalities (such as dead pixels, uneven brightness, garbled screen, etc.)
- Core component failures (mainboard, power module, control system, etc.)
- Cabinet cracking or sealing issues (not caused by human factors)
- If the product cannot be repaired, a replacement of the same model or equivalent specifications will be provided.

● 3. Exclusions from Warranty

- Damage caused during transportation or appearance damage due to improper unpacking
- Installation or use not in accordance with the manual, including voltage instability, power mismatch, etc.
- Unauthorized disassembly, modification, repair, or tampering
- Failures caused by accidents, human damage, misuse, abuse, or improper operation
- Damage caused by force majeure such as fire, flood, lightning strike, earthquake, etc.
- Product serial number removed, tampered with, or unidentifiable
- Normal wear and tear, appearance aging, or screen image retention

● 4. After-Sales Service Process

- Contact Customer Service: Contact after-sales by phone or email, providing order number/invoice and fault description.
- Fault Confirmation: Customer service personnel will diagnose remotely or guide handling, and arrange repair or replacement if necessary.
- Repair/Replacement: After review and confirmation that it falls within the warranty scope, free repair or replacement will be provided.
- Return Reminder: Please retain the original packaging when returning the product, as it is required to ensure safe transportation and prevent damage during return shipment.

● 5. Other Terms

- Paid repair services are available outside the warranty period, with costs quoted based on inspection results.
- This policy does not affect other rights you are entitled to under local law.
- The company reserves the final right of interpretation of this warranty policy.

11. Contact Information

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Scan to add WhatsApp contact