

MAXHUB SL22MC

Smart Lectern

State-of-the-art Smart Lectern, packed with innovative features to enhance your presentations. With full lamination technology and active capacitive touch technology. This offers enhanced durability as well as offers a seamless and responsive user experience. Enjoy the convenience of wireless screen sharing and real-time annotation. With 2 casters and electric lifting, it's easy to move and adjust the height. Highly integrated with a PC module, microphone, and touch screen, simplifying your setup. Plus, it supports multiple audio output interfaces for convenient connectivity. Compatible with MAXHUB All-in-one LED Wall and commercial displays elevating your presentations.



Full Lamination Technology



Active Capacitive Touch Technology



Wireless Screen Sharing



Wi-Fi Dual-band 2.4G/5G



Easy to Move



Electric Lifting



Highly Integrated



Multiple Audio Output Interfaces

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Smart Lectern

Define Your Stage

Smart System Embedded | Wired & Wireless Screen-sharing¹

Electrically Height Adjustable | Onstage Annotation



Singular. Exemplary. Enthralling

Integrates PC, microphone, touch screen into a singular device.
Stable and durable, enhances corporate image.



Screen-sharing Re-invented

Connects with mobile devices, laptops, and synchronises the screens with onstage display²; You can easily switch between devices.⁴

Multiple Choices for Connection⁵ | Wireless Screen-sharing⁶

Up to 8 devices for instant switch⁷



Annotation at Will

Annotate on the smart lectern while facing to the audience to improve engagement.

21.5 Inches | Capacitive + EMR | Smart Annotation
Display | Touch technology

Electrically Adjustable Height that Fits Your Stage

Making you comfortable on stage, both for making hand gestures and annotating or touching on the smart lectern on MAXHUB Smart Lectern.

Wireless Deployment Helps Adapt to Different Settings

Mobile on wheels. Wait not, to take your speech to a wider audience.

1.Supports Windows 7 and above, macOS 10.10 and above, iOS 9.0 and above, Android 5.0 and above.The "MAXHUB Share" app needs to be downloaded, installed properly and granted necessary network access.

2.Onstage display includes: MAXHUB Integrated LED Walls, MAXHUB Interactive Flat Panels, and display systems that work with a MAXHUB Wireless Box or support HDMI input.

3.Supports Windows 7 and above, macOS 10.10 and above, iOS 9.0 and above, Android 5.0 and above.The "MAXHUB Share" app needs to be downloaded, installed properly and granted necessary network access.

4.Supports screen-sharing from personal devices to the smart lectern, screen-sharing from the lectern to the external display via HDMI or wireless connection, and relay the screen-share from personal devices to the external display with on-screen annotation features.

5.When connected in the same WLAN with a MAXHUB Integrated LED Wall, MAXHUB Smart Lectern does not need any additional apps to achieve wireless screen-sharing. However, when connected to other display systems, additional apps may be required to install on the smart lectern to do so or through a MAXHUB Wireless Box.

6.A MAXHUB Smart Lectern supports simultaneous connection with up to 8 devices and instant switch amongst them.

Product Specification

Display

Size	21.5 Inches
Screen Type	IPS
Resolution	1920×1080
Refresh Rate	60Hz
Color Depth	8 bits (16.7M)

Touch System

Touch Technology	P-Cap + EMR
Capacitive Touch Points	10 Points
EMR Touch Points	1 Point
Touch with	Stylus or Finger
Touch Accuracy for Stylus	±0.5 mm
Types of EMR Stylus supported	SP08 Electro-magnetic Stylus/1024 Pressure Sensitivity

Operating System

Version	Windows 10
CPU	Intel 8th i5 8250U
RAM	8GB
ROM	SSD 128GB

Display Connectors

HDMI Out	1
Audio Out	1
USB 2.0	2
AC In	1
DC In	1
Buttons	4 (Power, Go Up, Go Down, Microphones Switch)

Wireless Screen-sharing

Transmission Delay	<133ms
Operating Distance	12m
Operating Frequency	2.4GHz/5GHz

WiFi

Operating Frequency	2.4GHz/5GHz
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Audio & Video

Power of Speakers	2×3W
Gooseneck Microphones	2
Microphone Pickup Distance	≤20cm
Sensitivity of Microphones	-40dB±2dB
Microphones Input Frequency	40Hz~16kHz
Microphones Sample Rates	30kHz

Structure

Dimensions	739mm×400mm×(1000~1200)mm
Net Weight	27kg

Environment

Working Environment	0℃~40℃
Working Humidity	10%~90%
Storage Temperature	-20℃~60℃
Storage Humidity	10%~90%
Working Altitude	<5000m above sea level

*All Data from MAXHUB Lab.

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Display	
Size:	21.5inch
Response Time:	14ms
Aspect Ratio:	16:9
Display Area:	476.064(H) × 267.786(V)
Resolution:	1920(H) × 1080(V)
Pixel Pitch:	0.24795 × 0.24795
Refresh:	60Hz
Display Color:	16.7M (8bit)
NTSC:	72%
Contrast Ratio:	1000:1
Viewing Angle:	178°(H/V)
Back Light Unit:	ELED
Brightness With Glass (typ):	450cd/m²
Life Time:	≥30000 Hours

Touch System	
Sensing Type:	Capacitive Sensing
Touch Tool:	Finger, Active Capacitance pen
Accuracy:	±1.5mm
Minimum Object Size:	6mm
Touch Point:	10 points touch
Palm Rejection:	Support

Microphone	
Quantity:	2
Distance of Pickup:	0–0.30m (0 – 0.98 ft)

Wireless Module	
Wi-Fi	
Version:	802.11 a/b/g/n/ac
Operation Frequency:	5GHz, 2.4GHz
Distance:	0–10m
Wireless Screen-share	
Operation Mode:	AP
Operation Frequency:	5GHz

Power	
Power Requirements:	100–240V ~ 50/60Hz 2.0A/19VDC 6.3A
Overall Power (Max.):	120W

Height Adjustment System	
Smart Lectern lifting:	Electric Control
Speed:	Up/Down: 0.9cm/s (0.35 inches/s)
Range:	Min: 1.0m (39 inches) Max: 1.2m (47 inches)

Warranty	
2 years	

I/O Port	
HDMI Bridge	1 (Top of the Column, used for HDMI Bridge between the Panel and the Column)
HDMI OUT:	1 (Bottom of Smart Lectern column chassis)
USB 2.0:	3 (Two channels on the side, one channel hidden (for upgrade only)
RJ45:	1 (10/100/1000 Mbps)
AC IN:	1
DC IN:	1 (19V/6.31A)
MIC IN:	2 (Gooseneck Microphone)
AUDIO OUT (6.5mm (1/4 inch)):	1
AUDIO OUT (3.5mm (1/8 inch)):	2 (Smart Lectern screen x 1, Smart Lectern column chassis x 1)
AUDIO OUT (Cannon/XLR):	1
AUDIO Bridge	1 (3.5mm, used for Audio Bridge between the Panel and the Column)
Physical Button:	4 (Power Button, Moving Up, Moving Down, Mute)

Physical Specifications	
Dimension (L × H × D):	786.3 × 420 × 1010.4 mm (30.96 × 16.54 × 39.76 inches)
Dimension (package) (L × W × H):	898 × 562 × 1148 mm (35.35 × 22.13 × 45.20 inches)
Wheels:	× 2
Net Weight:	29.9kg (65.9 lbs)
Gross Weight:	43.0kg (94.8 lbs)

Accessories	
Power Cord:	1
HDMI Cable:	1
HDMI Bridge Cable	1
Audio Bridge Cable	1
Smart Pen:	1
Gooseneck microphone:	2

Environmental Conditions	
Operation Temperature:	0°C–40°C
Operation Humidity:	10%–90%RH
Storage Temperature:	–20°C–60°C
Storage Humidity:	10%–90%RH
Altitude:	Below 5000 meters

Component Modules	
PC Model:	OPS72C (Windows 10 IoT Enterprise)
CPU:	i5-1240P (1.76Hz)
RAM + ROM:	16g + 256g
Wireless Module:	SiO4B