BRAVOUR
STAND OUT & IMPRESS

22" FULL HD SCREEN

27" Multi touch speaker screen

22" Full HD Digital signage screen with (CMS)

↑↓ Electrical lift system with remote control

Connectivity

Connectivity In

1 pcs 18" Shure Microphones Scock mount socket

PC On/Off · USB 2.0 · USB 3.0

Mobile Phone & Tablet Holder

Clock & Timer

Height adjustment lifting column buttons

27" Multi touch speaker screen

Connectivity Out

Master On/Off · Microphone Out · USB

Power Plug · RJ45 · HDMI Out

Oslo and Barcelona lecterns are adjustables to different heights according to the needs to the speaker. The 27" high precision touch screen allows the speaker totake notes and interact with the presentation conveniently. It is easy to connect your projector and sound system to the Oslo or Barcelona. It is just conectin an AV component to the lectern. The difference between Oslo and Barcelona is the 22" front screen. Barelona includes one, Oslo comes without a front display.

	Barcelona	Oslo
Multi touch speaker screen	27"	27"
Front screen with Embedded signage Media Player	22"	-
Player PC: Intel i3 4GB, 120 GB SSD Win 10 Embedded iot OS	☑	☑
Remotely controled height adjustment	☑	☑
Microphone	☑	☑
3,5" digital touch timer	☑	☑

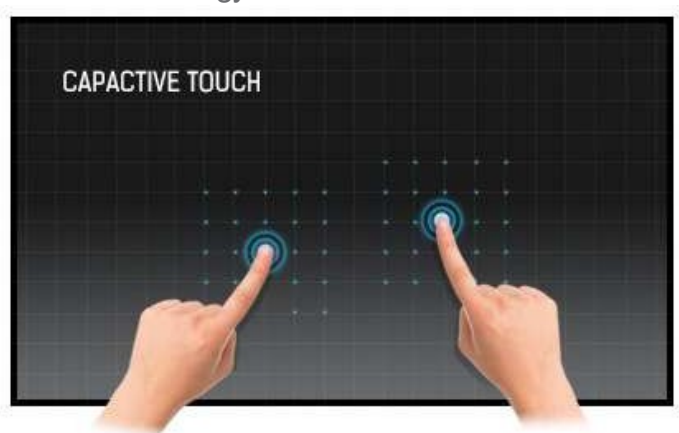# Speaker Screen
iiyama Prolite T2236MSC-B2

27" 10 point touch monitor with edge-to-edge glass and AMVA panel.

With its Full HD (1920x1080) resolution and accurate Projective Capacitive 10 point touch technology, the ProLite T2236MSC delivers seamless and accurate touch response.

The AMVA panel technology guarantees high performance with excellent colour reproduction and high contrast, making it an excellent choice for a vast array of demanding interactive applications.

Touch Technology

This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unauected even if the glass is scratched.
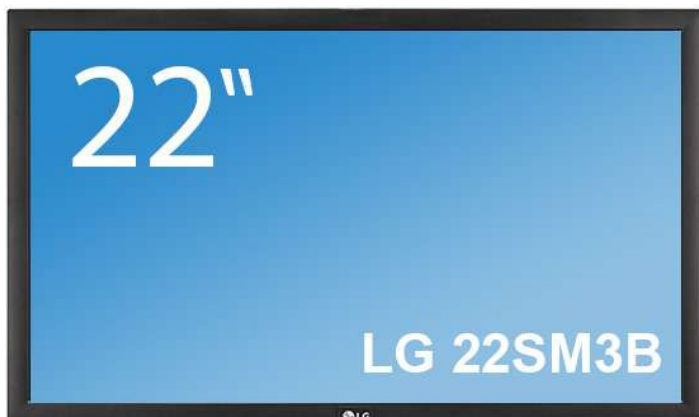
It ouers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.

Diagonal	27", 68.6cm
Aspect Ratio	16 : 9
Panel Amva	LED
Native Resolution	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
Brightness	300 cd/m² typical
Brightness	255 cd/m² with touch panel
Advanced Contrast	12 000 000 : 1 ACR
Static Contrast	3 000 : 1 with touch panel
Response Time	4 ms
Viewing Zone	horizontal/vertical: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/89°
Display Colour	16.7 million
Blue Light Reducer	yes
Touch Technology	projective capacitive
Touch Points	10
Glass Hardness	7H minimum
Light Transmittance	85%
Display Area	H X W 268.1 x 476.6 mm; 10.6" x 18.8"
Pixel Pitch	H X V 0.248 x 0.248 mm
Horizontal Sync	30 - 80 KHz
Vertical Sync	56 - 75 Hz
Synchronization	Separate Sync
INTERFACES / CONNECTORS / CONTROLLERS	
Analog Input Connector	VGA
Digital Input Connector	DVI, HDMI
USB HUB	UP 1 x USB 3.0 / DOWN 4 x USB3.0
Controls	USB (touch), USB 3.0

Front Screen: Barcelona lectern
LG 22SM3B

The 22SM3B with the smart platform based on webOS is euective for simple and easy content management. With built-in Wi-Fi, it provides network convenience to simplify installation and to manage content eficiently.

Quad Core SoC

The High Performance SoC can execute several tasks at the same time and provides smooth content playback.

WebOS 2.0

The webOS 2.0 platform provides easy and convenient tools to create content.

SNMP

Simple Network Management Protocol support ensures convenient network manage- ment.

Screen Size	21.5"; 55cm
Panel Technology	IPS
Aspect Ratio	16:9
Native Resolution	1920X1080
Brightness	250 cd/m2
Contrast Ratio	1,000:1 (Typ.)
Dynamic CR	4,000,000:1
Viewing Angle (H x V)	178 x 178
Surface Treatment	Hard coating (3H),(Haze 1%(Typ.)
Guaranteed Operating Hour	16 Hours
Orientation	Landscape
Connectivity	
Input	HDMI, RGB, Audio, USB 3.0
External Control	RS232C In, RJ45 In, IR Receiver In (Built-in), Pixel Sensor In
Operating Temperature Range	0 °C to 40 °C
Operating Humidity Range	10 % to 80 %
Power	
Power Supply	100-240V~, 50/60Hz
Power Type	Built-In Power
Power Consumption	35W
Audio Power	2W(1W x 2) for Internal Speaker
Content Management Software	SuperSign W

PC
Player PC

Front Panel

Rear Panel

Operating system	Windows 10 Embedded IoT
Processor	Intel Core i3
Chıpset	Intel H310 Express chipset
Ram	4GB
Vıdeo	HDMI x1 + DisplayPort x1 Supported double screens , 4K Play
Storage	120 GB SSD
Audıo	2 Channels
Network	2 x 10/100/1000 Gigabit LAN (Intel Chipset), WIFI (Optional)
Ports	4 x USB3.0 - 2 x USB2.0 - 1 x HDMI - 1 x Display Port - 1 x eSATA+USB2.0 COM port 2 x RJ45
Case	Ultra Mini ITX
Power	90W 19V Adapter

Windows 10
Embedded

Operating System

Designed with dual gooseneck sections for full articulation, the CVG18 provide scalable, best-in-class performance in a wide variety of locations.
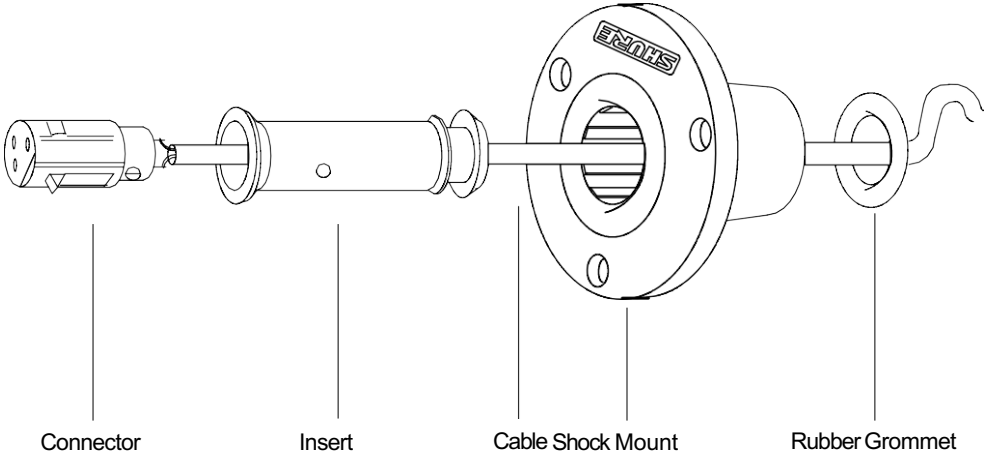Features

- Cardioid polar pattern with tailored response for speech
- Dual-section gooseneck enables ease of positioning and placement options
- Included Flange Mount and available snap-fit windscreens (ACVG4WS-B – 4 pack)
- With Mute switch/LED,
- Guards against unwanted RF Interference from portable wireless devices gh resistance to intense nearby radio signals
- Superior Shure design and rugged, dependable construction
- Noise by up to 20 dB.

Specifications	
Cartridge Type Electret Condenser	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz , open circuit voltage)	−33 dBV/Pa[1] (22 mV)
Maximum SPL (1 kHz at 1% THD)	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	67 dB
Dynamic Range	93 dB
Self Noise (equivalent SPL, A-weighted, typical)	27 dB SPL
Common Mode Rejection (10 Hz to 100 kHz)	45 dB
Preamplifier Output Clipping Level (1% THD)	−7 dBV
Polarity	3
Power Requirements	11–52 V DC[4], 2.0 mA

Shure A400SMXLR Shock Mount

Shure A400SMXLR Shock Mount Socket
A400SMXLR Shock Mount decouples a microphone from the mounting surface and reduces transmission of impact or surface

| Connector | Insert | Cable Shock Mount | Rubber Grommet |

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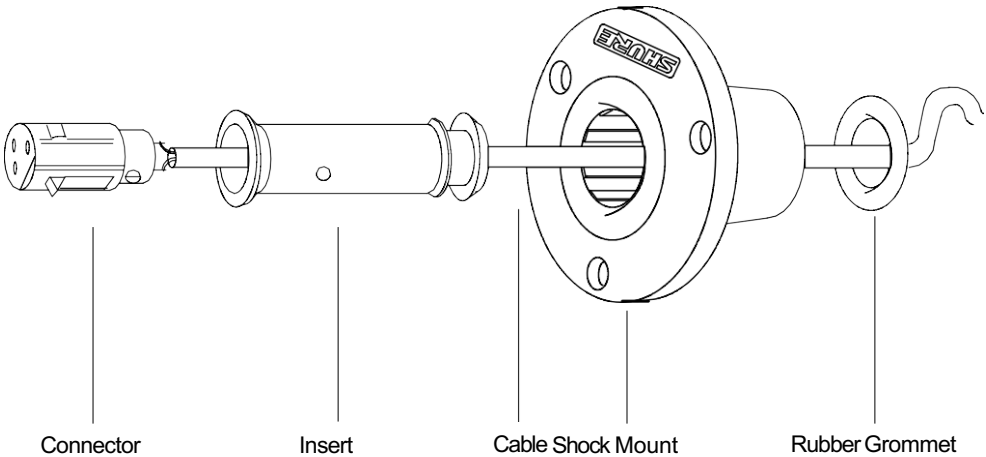Features

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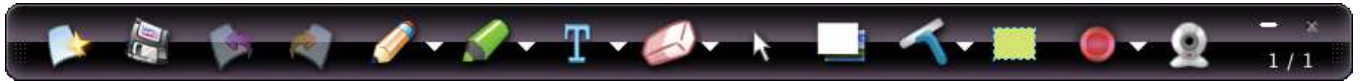| Specifications	
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Screen Annotation & Screen Recording Solution for Presentations

CreaPen is an extremely simple yet powerful screen annotation and recording software. You can easily write on top of any other application that is currently active on the desktop, even on a running video. You can then save your annotations as an image file or even record the whole session as a video for sharing. It is a useful took for presenters to communicate and share idead during a live session, for educators to create euective video tutorials and for salespeople to create impressive video presentations.

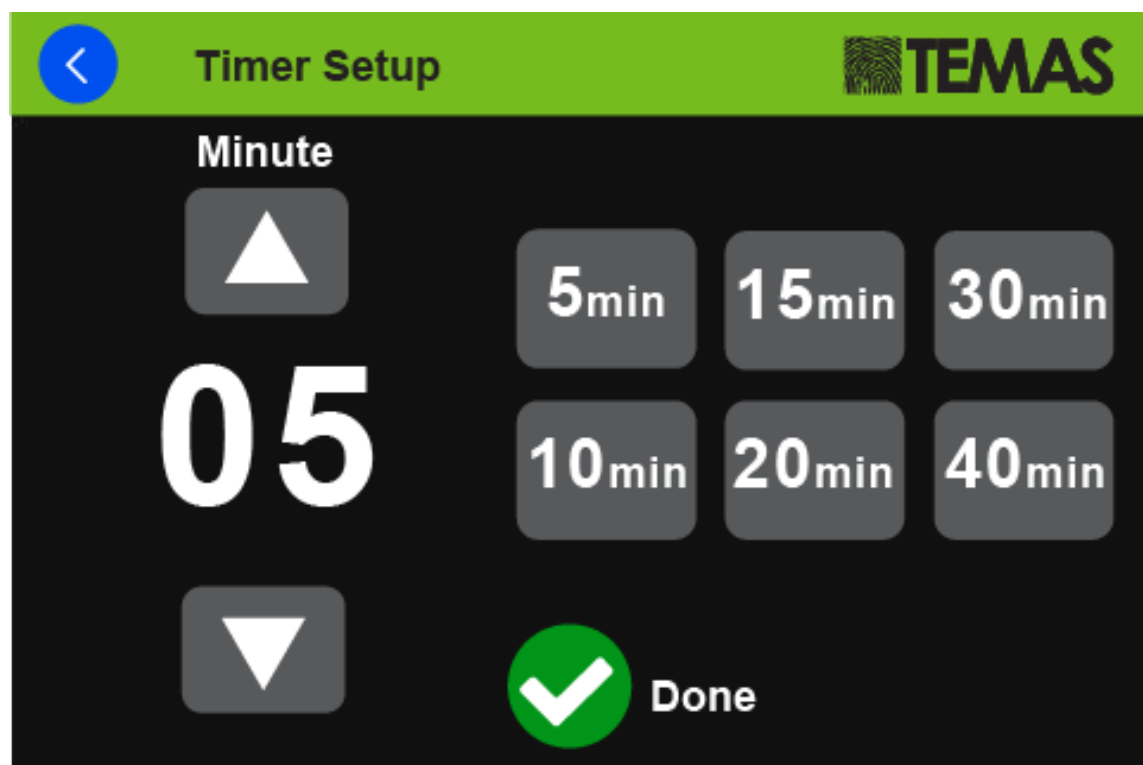| Text Input	Whiteboard	Multiple Pages	Screen Recording	Screen Annotation	Web Camera

	OSLO	BARCELONA
Front Panel		22"
Resolution	-	1920x1080 FHD
Brightness	-	250 cd/m2
Aspect ratio	-	16:9
Panel Type	-	IPS
Built-in Player	-	Available
Lecturer Panel		
Screen Specifications	27"	27"
Resolution	1920x1080	1920x1080
Brightness	250 cd/m2	250 cd/m2
Aspect Ratio	16:9	16:9
Number of Touch Point	10 Points Capacitive	10 Points Capacitive
Lecturer Panel PC		
CPU	Intel Core i3	Intel Core i3
RAM	4 GB DDR4	4 GB DDR4
HDD	120 GB SSD	120 GB SSD
Operationg System	Windows 10 Embedded loT	Windows 10 Embedded loT
Microphone		
Lenght	18"	18"
No of microphone	1 pcs	1 pcs
Output Connector	3-way XLR(Male)	3-way XLR(Male)
Microphone Type	Cardioid	Cardioid
Frequency Response	50-18 kHz	50-18 kHz
Power ON Indicator	LED	LED
Power Requirement	Phantom Power (48V)	Phantom Power (48V)
Outpots (Bottom of Podium)		
HDMI	Available	Available
Ethernet	RJ45	RJ45
XLR for microphone	3-way XLR(Male)	3-way XLR(Male)
USB	USB 2.0	USB 2.0
Height Adjust Engine		
Movement	Vertical (Up/Down)	Vertical (Up/Down)
Control	Up/Down and Remote Control	Up/Down and Remote Control
Speed	Max speed : 38 mm/s	Max speed : 38 mm/s
Lifting Strength	700N	700N
Locking System	Available	Available
Engine Type	Electrical	Electrical
Mechanical Specs		
Outline Dimension(mm)Set	526 x 798 x 783	550 x 800 x 1091
Outline Dimension(mm)Package	622 x 894 x 989	670 x 920 x 1300
Weight(kg)	Set: 63 kg Package: 108 kg	Set: 68 kg Package: 107 kg