

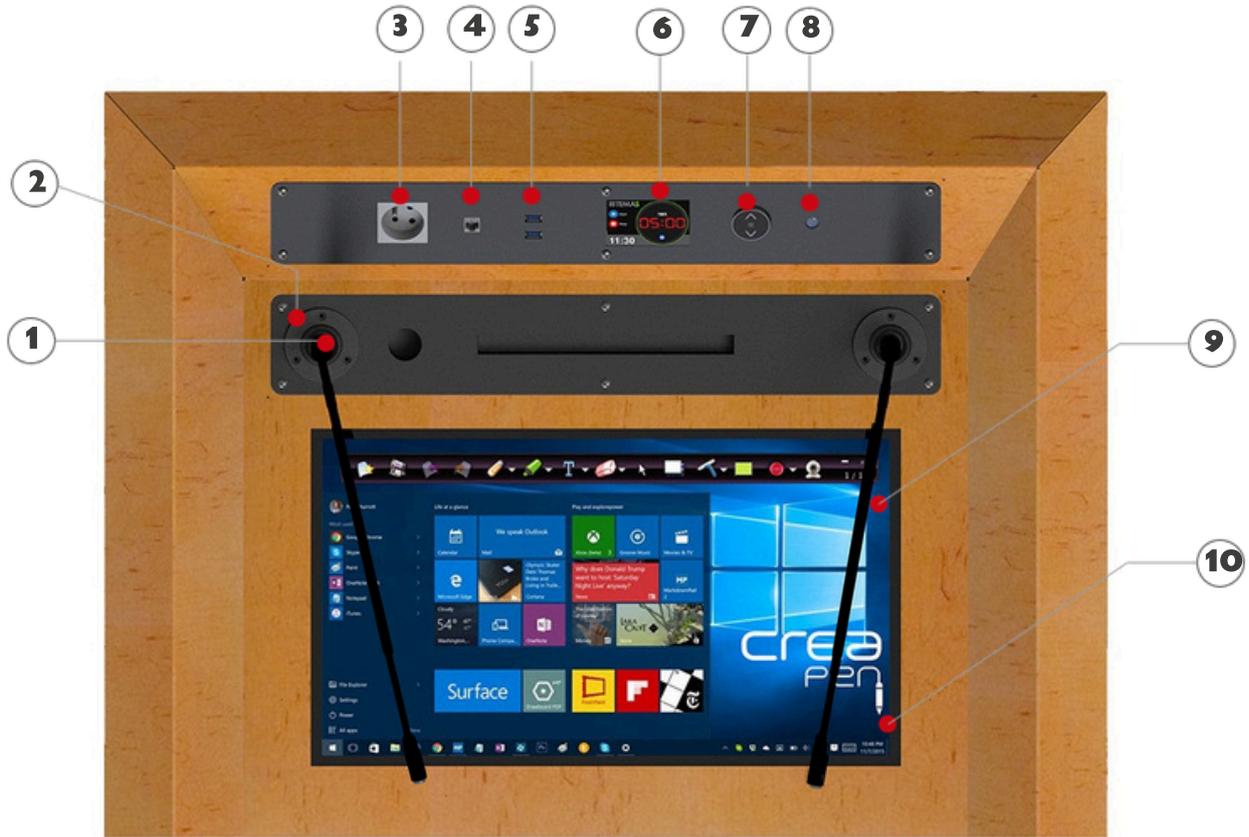
TW23P

DIGITAL PODIUM

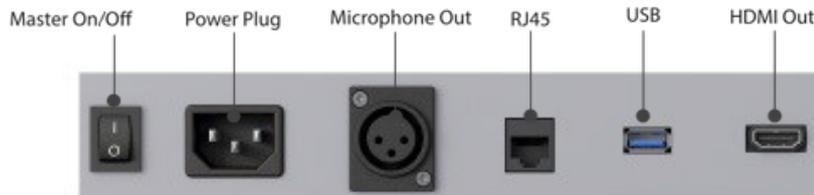
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CONNECTIVITY IN



- 1 - 18" Shure Microphone**
- 2 - Shock Mount**
- 3 - Power 220V AC**
- 4 - RJ43**
- 5 - USB**
- 6 - Clock & Timer**
- 7 - Height Adjustment**
- 8 - PC On/O**
- 9 - 22" Multi Touch Screen**
- 10 - Creapen Annotation Software**



TW23P is designed to satisfy the requirements in conference halls and hotels. Connecting projectors and audio system connectors is easy. TW23P has latest technology for meeting rooms, and lecture halls. It is equipped with personels co. It is also designed to be used as an stand alone product

T W23P

	TW23P	T W23P-A
Multi touch speaker screen	22"	22"
Front Screen with Embedded Signage Media Player	32"	X
Electrical-Lifting Column for Height Adjustment	✓	✓
Player PC : Intel 4,10 GHz CPU, 120 GB SSD, Windows 10 Pro	✓	✓
Microphone	✓	✓
5" Digital Touch Timer	✓	✓
Creapen Annotation Software	✓	✓

Speaker Screen

■ iiyama ProLite T22



22" 10 point touch monitor with edge-to-edge glass and AMVA

With its Full HD (1920x1080) resolution and accurate Projective 10 point touch technology, the ProLite T22 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 demanding interactive applications.

Touch Technology



This technology uses a sensor-grid of micro-fine wires integrated into the screen. Touch is detected because electrical charges on the sensor grid change when a human finger is placed on the glass overlay. This technology is highly durable, and the touch response is

unaffected even if the glass is scratched.

It offers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.

Specifications	Diagonal	Aspect	
Ratio	Panel	Amva	Native
Resolution	Brightness	Brightness	
Advanced Contrast	Static Contrast		
Response Time	Viewing Zone		
Display Colour	Blue Light Reducer		
Touch Technology	Touch Points		
Glass Hardness	Light Transmittance		
Display Area	Pixel Pitch		
Horizontal Sync	Vertical Sync		
Synchronization	INTERFACES / CONNECTORS		
Input Connector	Digital Input Connector		
USB HUB	Controls		
			21.5"; 55cm
			16 : 9
			LED
			Full HD 1080p, 1920 x 1080 (2.1 megapixel)
			250 cd/m ² typical
			215 cd/m ² with touch panel
			12 000 000 : 1 ACR
			3 000 : 1 with touch panel
			8 ms
			horizontal/vertical: 178° / 178°; right/left: 89° / 89°; up/down: 89° / 89°
			16.7 million
			yes
			projective capacitive
			10
			7H minimum
			85%
			H X W 268.1 x 476.6 mm; 10.6" x 18.8 "
			H X V 0.248 x 0.248 mm
			30 - 80 KHz
			56 - 75 Hz
			Separate Sync
			VGA
			DVI, HDMI
			UP 1 x USB 3.0 / DOWN 4 x USB 3.0
			USB (touch), USB 3.0

■ Front Screen



Conveniently and simply manage a rich array of content with an advanced platform

The displays offer durable and extended 24/7 usage to ensure that your business messages are conveyed **whenever and wherever they are most impactful.**

And, with high 400 nit brightness and crystal clear image quality, your on the podium in captivate viewers. The unique Picture Quality Enhancer function optimizes the color, det temperature for your environment with rich color and detailed textures. Viewing is max factors that can interrupt visibility from light reflection, and reducing glare and haze to options are enhanced with two HDMI ports for easier enriched content display.

- Durable and extended 24/7 usage for continuous high performance with clear visibility
- All-in-one display solution with embedded Media Player, no need for external media pla
- Simplified content management with built-in Wifi and an easy-to-use mobile application



Integrated Signage Media Player



Built in Wi-Fi

Connect the screen to the CMS wirelessly via the integrated Wi-Fi, ethernet or by LAN

Specifications	
Diagonal Size	32"
Type	60Hz D-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.12125(H) x 0.36375(V)
Active Display Area(mm)	698.4(H) x 392.85(V)
Brightness(Typ.)	400 nit
Contrast Ratio	5000:1
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	8ms
Display Colors	10bit Dithering - 1.07Billion
Color Gamut	0.72
Operation Hour	24/7
Haze	2%
Dynamic C/R	50,000:1
H-Scanning Frequency	30 ~ 81KHZ
V-Scanning Frequency	48 ~ 75HZ
Maximum Pixel Frequency	148.5MHZ
Speaker Type	Built in Speaker(10W x 1)

Microphone

■ Shure 18 CVG18S-B Microphone



Designed with dual gooseneck sections for full articulation, the CVG18 provide scalable, best-in-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 and resistance to interference
- Superior Shure design and rugged, dependable construction
- Noise floor up to 20 dB.



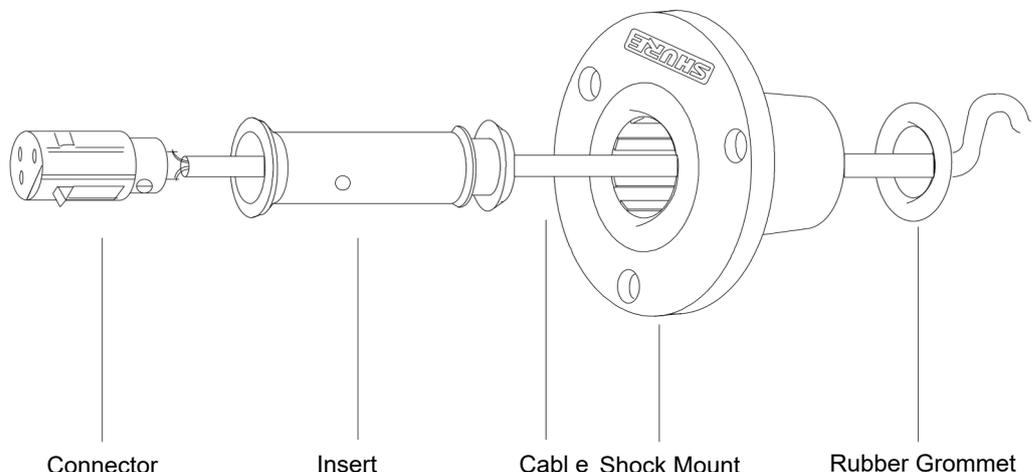
Specifications

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

■ Shure A400SMXLR Shock Mount

Shure A400SMXLR Shock Mount Socket

A400SMXLR Shock Mount decouples a microphone from the mounting surface and reduces transmission of surface noise.



PC

■ Player PC



Specifications

Operating System	Windows 10 Pro
Processor	Intel 4,10 GHz CPU
Chipset	Intel H310 Express chipset
Ram	4GB
Video	HDMI x1 + DisplayPort x1 Supported double screens , 4K Play
Storage	120 GB SSD
Audio	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



Height Adjustment

Linak DL2 Lifting Column



The hallmarks of the DL2 are the 3-stage inline design meaning that the motor is hidden inside the profiles giving the column a very sleek and elegant design easy to integrate in various desk designs. The 3-stage construction ensures a very low built-in dimension meaning that people of all heights can use the desk. The very low noise level ensures pleasant use when driving.

- Max. thrust 700 N per column
- Max speed: 38 mm/s unloaded
- Bending moment: Max. 150 Nm dynamic
- Low and uniform noise level
- PVC-free column



Specifications

Single or 2, 3, 4 parallel drive

Multi-parallel is possible only when in combination with CBD6S

Duty cycle: 10% ~ 2 minutes of continuous use at full load, followed by 18 minutes of pause

Ambient temperature: +5° to +40°C

Application

■ Creapen Software

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 currently active window on the desktop, even on a running video. You can then save your annotations as an image file or even record a video for sharing. It is a useful tool for presenters to communicate and share ideas during a live session, for educators in tutorials and for salespeople to create impressive video presentations.



Text Input



Whiteboard



Multiple Pages



Screen
Recording



Screen
Annotation

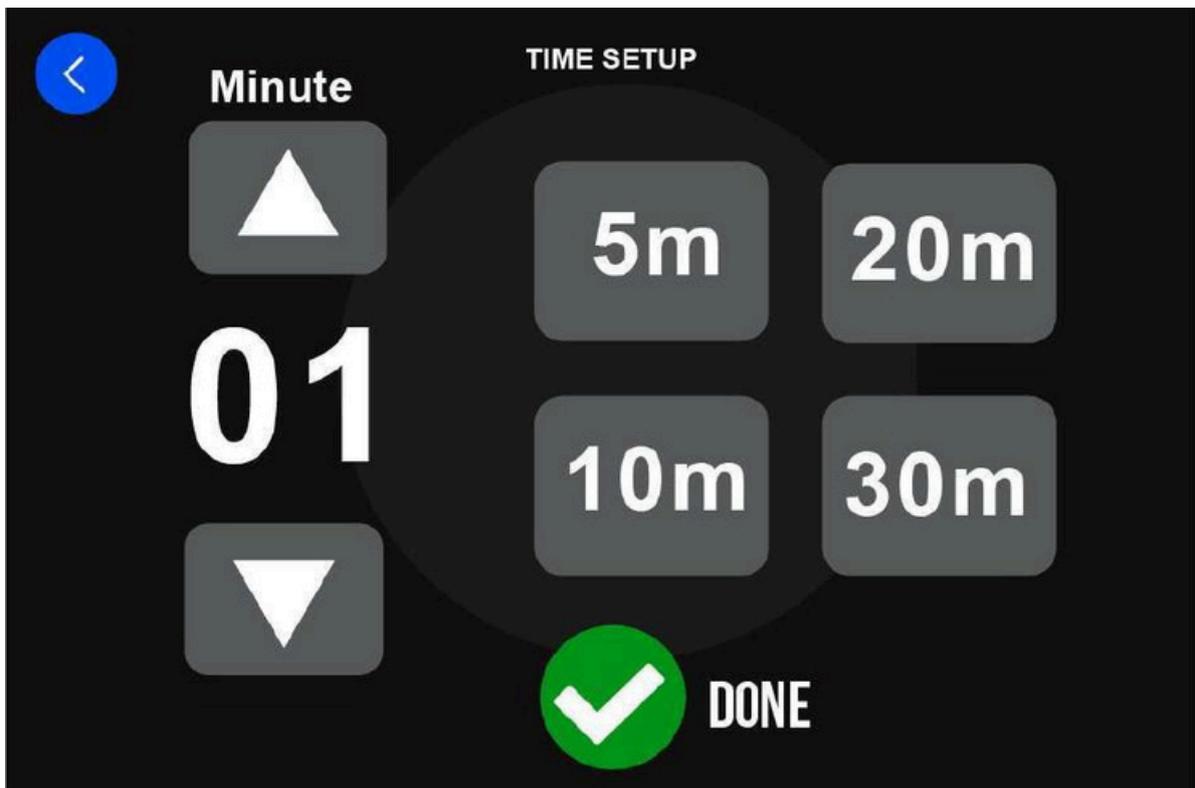
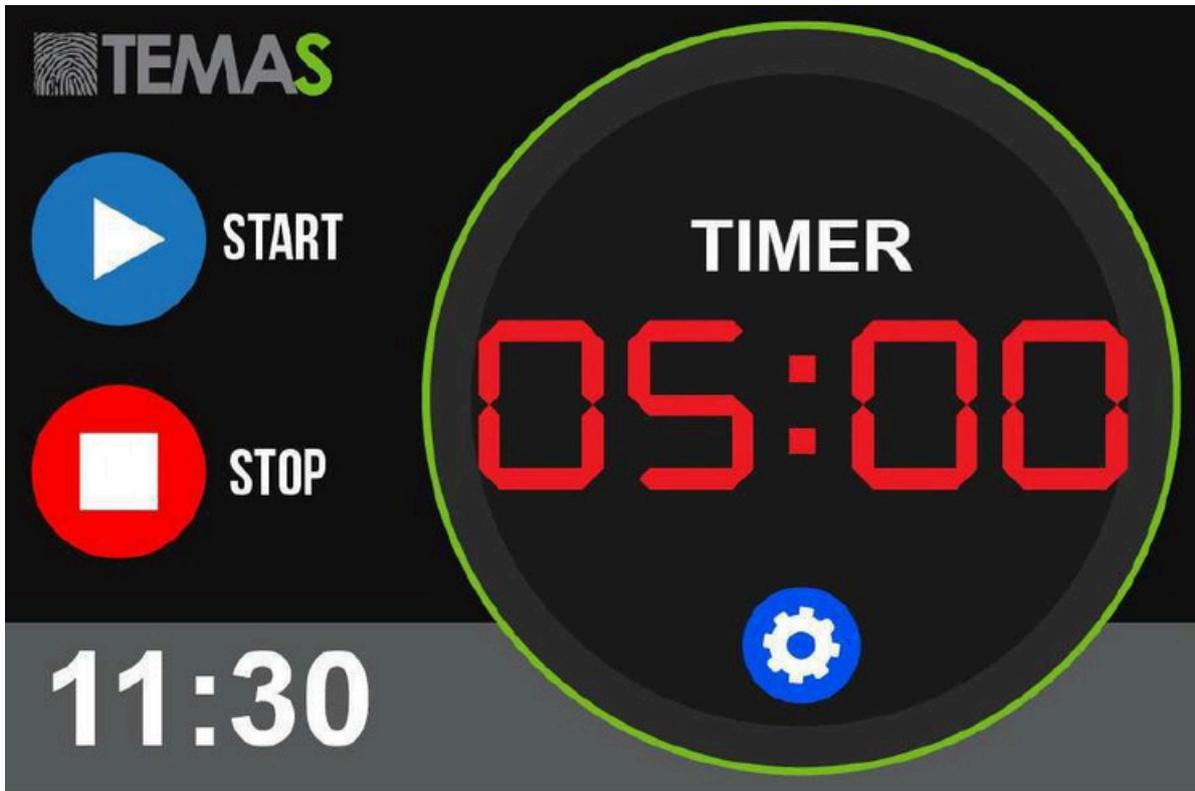


Web Camera

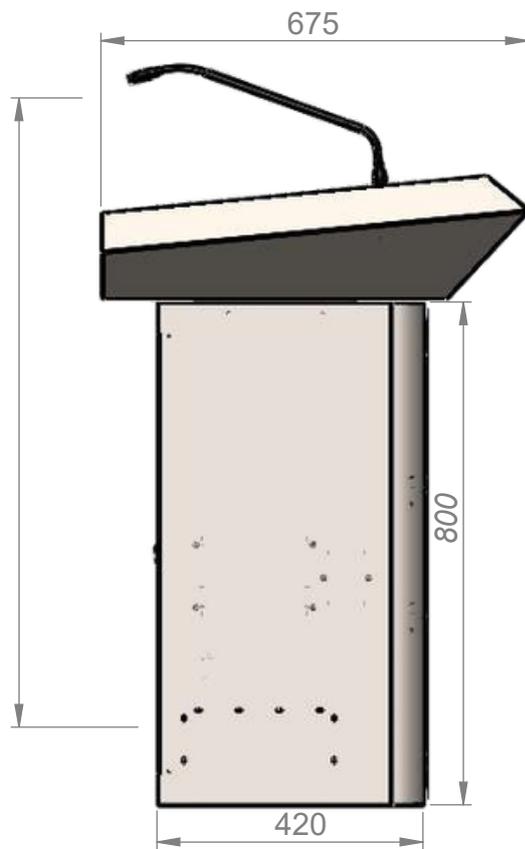


Application

■ 5" Touch screen Timer & Clock



MECHANICAL SPECIFICATIONS



■ Technical specifications

	TW23P	TW23P-A
■ Front Panel	32"	-
Resolution	1920x1080 FHD	-
Brightness	350 cd/m2	-
Aspect Ratio	16:9	-
Panel Type	IPS	-
Front Panel Player	Digital Signage Media Player	-
■ Lecturer Panel	22"	22"
Screen		
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 4,10 GHz	Intel 4,10 GHz
RAM	4 GB	4 GB
HDD	120 GB SSD	120 GB SSD
Operation System	Windows 10 Pro	Windows 10 Pro
■ Microphone		
Lenght	18"	18"
No of Microphone	2 pcs	2 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)
■ Outputs (Bottom of Podium)		
HDMI	Available (Projector Out)	Available (Projector Out)
Ethernet	Network Connection	Network Connection
XLR for Microphone	3-way XLR(Male)	3-way XLR(Male)
USB	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)
■ Electrical Lifting Column for Height Adjustment		
Movement	Vertical (Up/Down) By Buttons (Up/Down)	
Control	Max speed: 38 mm/s 700N Automatic	
Speed	Looking when engine not working Electrical	
Lifting Strength		
Locking System		
Engine Type		
■ Mechanical Specs		
Outline Dimesion(mm)Set	689 x 850 x 1159 820 x	689 x 850 x 1159 820 x
Outlibe Dimension(mm)Package	990 x 1390 Set: 73 kg	990 x 1390 Set: 73 kg
Weight(kg)	Package: 129 kg	Package: 129 kg

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