

**CTOUCH**<sup>®</sup> Smart innovation!

Laser 84 inch UHD

Leddura

Lexinus

Mensa



## Laser Series

For when function matters.

High quality displays suitable for all applications. Stay connected with your audience and be utmost effective and efficient in a collaborative learning environment.

- Active IRO<sup>®</sup> technology, fast and accurate
- 10 point touch - use 10 fingers at the same time
- Media usb - direct playback
- Anti glare safety glass - for a clear and safe visual
- Best service & support - **7 years warranty!**
- Laser displays are available in the sizes 60 inch, 70 inch and 84 inch

**Product number**

- 10 Point touch - black bezel: 10051821
- 10 Point touch - white bezel: on request

**Touch system**

- Touch technique: Active IRO® Technology
- Touch points: 10
- Touch tool: Hand or other solid (soft tip) object
- Accuracy: ± 3 mm
- Read speed: More than 125 responses per second
- Response time: 7 ms
- Effective screen size (mm): 1878.4 (W) x 1064.0 (H)
- Interface: USB 1.1 compatible (full speed) using VID 0 x 2200 and PID 0 x 3100, HID compliant, Plug & Play compatible, USB 2.0 and USB 3.0
- Supported OS: Windows XP, Vista, 7, 8, 8.1 (32 & 64 bits), Mac OS X, Linux
- Touch driver: Not required

**Panel**

- Diagonal size: 84.04" (2134.62 mm)
- Panel resolution: 3840 x 2160
- Recommended resolution: 3840 x 2160 @30Hz or 1920 x 1080 @60Hz
- Brightness (Nits): 350 cd/m<sup>2</sup>
- Contrast ratio: 1600 : 1
- Response time: 5 ms (Gray to Gray)
- Aspect ratio: 16 : 9
- Display colors: 1.06 Million colors
- Pixel pitch (mm): 0.4845 (W) x 0.4845 (H)
- Back light unit: Edge type LED
- Anti reflective glass: Standard

**Connectivity**

- Video input (digital): HDMI x 4, Display Port, USB (MP3, JPG)
- Video input (analogue): RGB (VGA) / Component / Composite video
- Audio input: RCA L/R, Stereo Phone Jack
- Audio out: RCA L/R, optical
- USB (for touch): USB
- Network controllable input: RS232C

**Features / Convenience**

**VIDEO**

- PSM: Warm / Cool / Normal / User
- Picture mode: Wide / Zoom / Cinema / Original / Normal

**SOUND**

- Stereo: MTS (Stereo / Mono)
- SSM: Standard / News / Music / Movie / Custom
- Equalizer: 2 band
- Built in speakers: 20W

**FUNCTION**

- Languages: English / Spanish / French / Dutch / German / Italian
- Internal PC - OPS: N.A.
- CTOUCH Soundbar xt ready: N.A.

**Dimensions**

- Dimensions (mm): 1987,7 (W) x 1205,8 (H) x 81,4 (D)
- Product weight: 110 Kg
- VESA mount (mm): 600 (W) x 400 (H)
- Green approvals: Lead free, RoHS compliant
- Regulatory approvals: CE, KC
- Thickness of safety glass: 5 mm

**Total cost of ownership**

- Service & warranty: 7 years
- Power consumption (max): 440 W (in rated voltage)
- Power consumption sleep mode: < 0.5 W

**Product accessories- Included**

- Accessoires pack: Power cable, HDMI cable, remote + battery, touch pen, multi language manual
- Connection software: Shipped with one license
- Multi touch annotation software: Shipped with one license
- Gesture software: Yes, refer to CTOUCH manual

**Extras**

**CONNECTIVITY**

- CTOUCH OPS PC Module i7-4700HQ, incl. Windows 8 N.A.
- CTOUCH OPS PC Module i7-4850HQ, incl. Windows 8 N.A.

**SOUND**

- CTOUCH Soundbar xt - 90 Watt: N.A.

**SUPPORT & TRAINING**

- Service Pack 6<sup>th</sup> & 7<sup>th</sup> year 10050117

**SOFTWARE**

- CTOOLS+, WizTeach, Smoothboard Air, Gynzy, Arena and more On request

**MOUNTING**

- CTOUCH Wallom wall lift - electric: Black: 10080201 White: 10080202
- CTOUCH WMT mobile lift - electric: 10080301
- CTOUCH WMT tilt table - electric: Not advised

**Logistic information**

- Box size (mm): 2250 (W) x 360 (H) x 1390 (D)
- Gross weight: 125 kg
- EAN no. Laser - black bezel 8718868301482
- EAN no. Laser - white bezel Special

## Connectivity - Wired, wireless or integrated intelligence

No more hassling with cables. The OPS slot enables you to add a wireless mini pc that complies to a worldwide standard. CTOUCH OPS (Open Pluggable Specification) module brings you a powerful and reliable solution with Intel i7 processing power. WiFi, Bluetooth and Intel WiDi makes any interaction with a CTOUCH display, a true experience.

## Sound - Experience sound in its unique way

The wireless CTOUCH Soundbar xt<sup>®</sup> is a robust and solid power tool, 90 watts of crystal clear sound. This soundbar comes standard on board with SPDIF Digital Audio, to give you true digital audio quality. In addition the CTOUCH Soundbar xt<sup>®</sup> is seamlessly merged within the design.

## Support and training - When you need it

All CTOUCH products are plug and play and are optimally intuitive and ergonomically designed. In case you might need a hand or support on site, we'll be there. CTOUCH also offers an extensive training program to get most out of your CTOUCH display. CTOUCH teams up with you.

## Software - Gain access to proven software packages

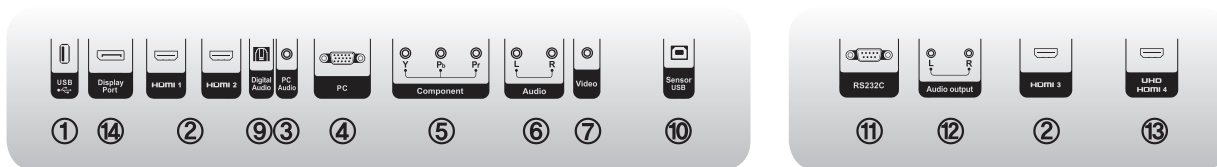
Free or nearly free software packages are included with every CTOUCH display. Annotation software, mobile device connection software and educational software are part of the deal. Let's get the best results together.

## Mounting - Smooth, easy operation suits all ages

Whether you require a fixed wall mounting solution, an electrically adjustable or mobile solution or even a table solution, the CTOUCH Wallom always offers you a perfect fit. CTOUCH Wallom has a unique CTOUCH design with ergonomics at high standard. Easy to install and to operate.

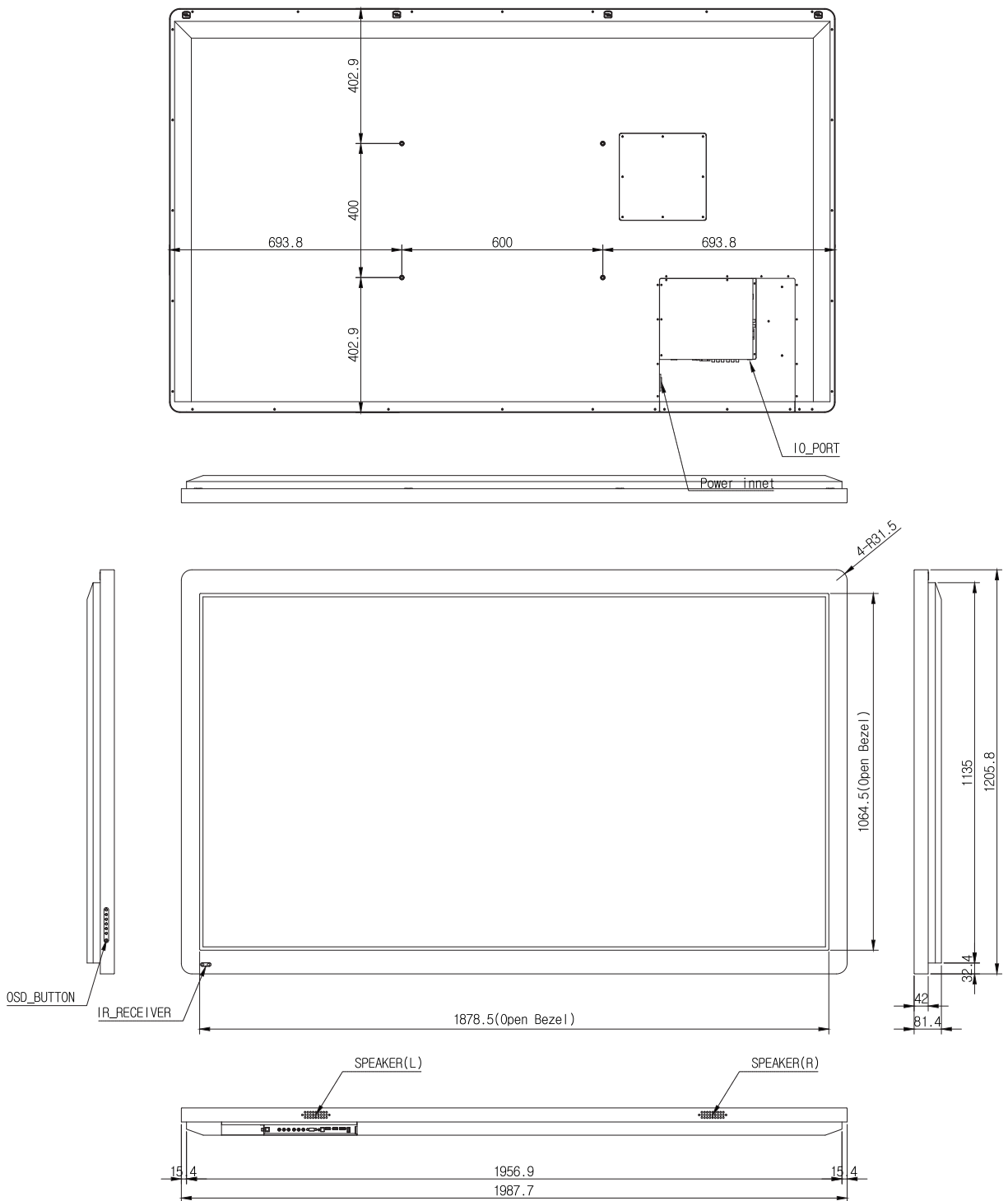


Viewing the connection panel



①	<b>USB</b>	Connect USB memory for MP3 or JPG.
②	<b>HDMI</b>	Connect an HDMI device to this jack.
③	<b>PC Audio</b>	Audio input for PC.
④	<b>PC</b>	Connect a video from a computer to this jack.
⑤	<b>Component</b>	Connect a component video device tot this jack.
⑥	<b>Audio</b>	Audio input for component, video and S-Video.
⑦	<b>Video</b>	Connect a Video device this jack.
⑧	<b>S-Video</b>	Connect a S-Video device this jack.*
⑨	<b>Digitale audio-uitgang</b>	Optical digital audio output.
⑩	<b>Sensor USB</b>	Connect PC USB for touch screen.
⑪	<b>RS232C</b>	Connect the controler.
⑫	<b>Audio-uitgang</b>	Connect to external audio amplifier.
⑬	<b>HDMI 4 (UHD)</b>	AConnect an HDMI device for UHD to this jack.
⑭	<b>Display Poort</b>	Connect a Display Port device to this jack.

\*Only available for Leddura



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