# CTOUCH® Smart innovation!

## Leddura Series
When state of the art innovation is leading.

The professional touch display for interactivity. Experience increased productivity, enhanced collaboration and efficient training possibilities.

- Active IRO technology, fast and accurate
- 4 - 10 point touch - use 10 fingers at the same time
- Collaboration and connectivity - stay connected
- CTOUCH OPS & Soundbar ready - for flexible but heavy duty power
- Best service & support - up to 7 years!

## Product number

- 4 Point touch - black bezel: 10051711
- 4 Point touch - white bezel: 10051713
- 10 Point touch - black bezel: 10051712
- 10 Point touch - white bezel: 10051714

## Touch system

- Touch technique: Active IRO Technology©
- Touch points: 4 or 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): 1568.0 (W) x 890.0 (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 OSX, Linux
- Touch driver: Not required

## Panel

- Diagonal size: 70" (1778 mm)
- Panel resolution: 1920 x 1080
- Recommended resolution: 1920 x 1080 @ 60 Hz
- Brightness (Nits): 400 cd/m$^2$
- Contrast ratio: 4000 : 1
- Response time: 8 ms (Gray to Gray)
- Aspect ratio: 16 : 9
- Display colors: 16.7 Million Colors
- Pixel pitch (mm): 0.807 (W) x 0.807 (H)
- Back light unit: Edge type LED
- Anti reflective glass: Standard

## Connectivity

- Video input (digital): HDMI x 3, Display Port, USB (MP3, JPG)
- Video input (analogue): RGB (VGA) / Component / Composite video
- Audio input: RCA L/R, mini-jack 3,5 mm
- 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: 20 W

Specifications CTOUCH Leddura xt 70 inch

FUNCTION
- Languages: English / Spanish / French / Dutch / German / Italian
- Internal PC - OPS: OPS compliant
- CTOUCH Soundbar xt ready: Yes

## Dimensions

- Dimensions (mm): 1685 (W) x 1039 (H) x 80 (D)
- Product weight: 78 kg
- VESA mount (mm): 400 (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: 3 years
- Power consumption (Max): 240 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
- OPS Module i7-4700HQ, incl. Windows Embedded 8.1 Industry PRO: 10052012
- OPS Module i7-4850HQ, incl. Windows Embedded 8.1 Industry PRO: 10052013

SOUND
- CTOUCH Soundbar xt - 90 Watt: 10051901

SUPPORT & TRAINING
- Service pack 5 yr on-site / 7 yr spare parts: 10050115

SOFTWARE
- Oktopus & more on the CTOUCH software portal: On request

MOUNTING
- CTOUCH Wallom wall lift - electric: Black - 10080201
  White - 10080202
- CTOUCH WMT mobile lift - electric: 10080301
- CTOUCH WMT tilt table - electric: 10080302

## Logistic information

- Box size (mm): 1850 (W) x 1190 (H) x 310 (D)
- Gross weight: 83 kg
- EAN no. 4 Point touch - black bezel: 8718868301239
- EAN no. 4 Point touch - white bezel: 8718868301253
- EAN no. 10 Point touch - black bezel: 8718868301246
- EAN no. 10 Point touch - white bezel: 8718868301260

## 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 solutions 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® is a robust and solid powertool, 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®  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.
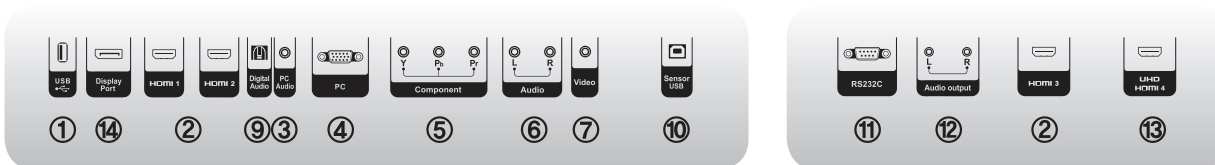
## Mounting - Smooth, easy operation suits all ages

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.

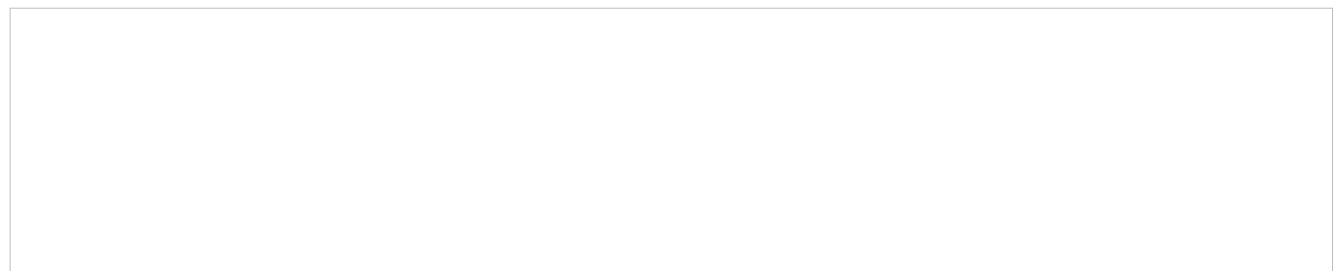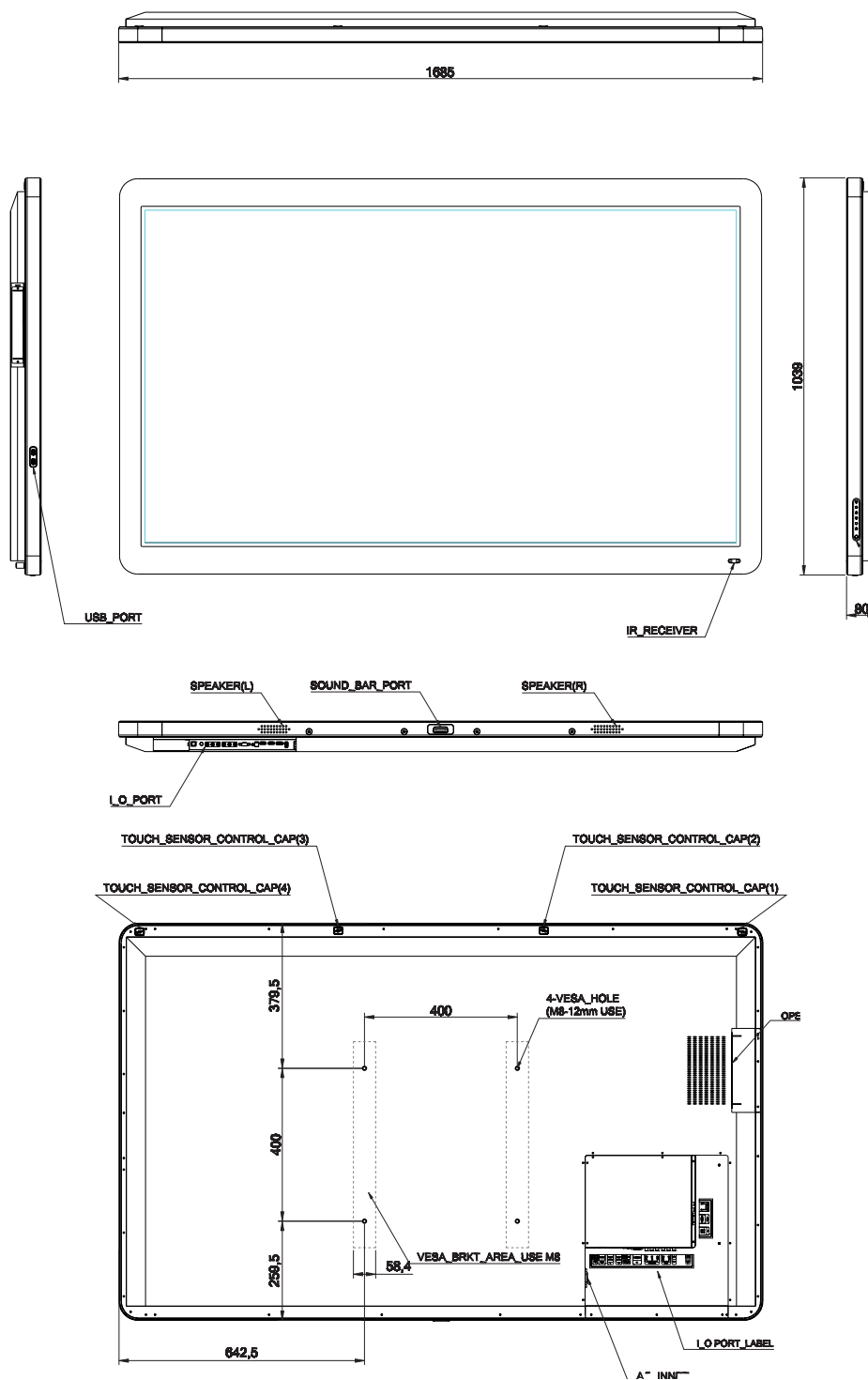## Viewing the connection panel

For Leddura xt



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

*Only available for Leddura xt 84 inch

**+ 2x USB connections in bezel**

**+ OPS slot**

1685

1039

80

USB_PORT

IR_RECEIVER

SPEAKER(L)    SOUND_BAR_PORT    SPEAKER(R)

I_O_PORT

TOUCH_SENSOR_CONTROL_CAP(3)    TOUCH_SENSOR_CONTROL_CAP(2)

TOUCH_SENSOR_CONTROL_CAP(4)    TOUCH_SENSOR_CONTROL_CAP(1)

379,5

400

4-VESA_HOLE
(M8-12mm USE)

OPE

259,5

58,4    VESA_BRKT_AREA_USE M8

642,5

I_O PORT_LABEL

Specifications CTOUCH Leddura xt 70 inch

www.ctouch.eu

CTOUCHimPD150609