Masters of the
Interactive Touch Display

The fine art of
eye-catching engagement

The CTOUCH Laser, Leddura and Leddura XT ranges are the latest generation of interactive large format touch displays, designed to look great in the classroom, meeting room and public display areas.

The multi-touch surface opens the world of touch technology to large audiences increasing engagement, involvement and collaboration. Compatible with Windows, Mac and Linux platforms, the power of touch is available to everyone using a CTOUCH display.

Technology is only a benefit if it can be used as seamlessly as possible. At CTOUCH we have researched the market extensively so that only the best components are used in our displays which ensure that using them is as easy as possible. By combining the fastest reaction optical touch technology with super smooth, friction free anti-reflective glass, CTOUCH offers the best touch experience available today. This is our invisible technology concept which ensures users can concentrate on the presentation delivery without worrying about the technology.

Active IRO© technology makes CTOUCH the fastest and most accurate touch displays on the market. By combining multiple optical cameras with powered infrared reflectors and state-of-the-art vector software, CTOUCH ensures a smooth touch experience.

For education

CTOUCH Interactive Touch Displays make it easy to create effective, eye-catching teaching materials and promote a style of active, visual-based teaching and learning that makes the classroom fun for both the teacher and students.

Whole class learning
Interactivity creates a more meaningful, socially rich experience than spoken word tutorials alone.

Collaborative learning
Touch technology allows 'hands-on' manipulation of content, encouraging students to work collaboratively with their peers.

Interactive learning experience
Interactive displays provide the opportunity for students to engage directly during lessons.

Learning together
It also provides new opportunities to share accumulated knowledge through project based learning experiences.

For business

Whether you are imparting new skills or launching new methods and processes within your organisation, CTOUCH interactive displays can help you connect and share with colleagues, partners and customers.

Increased productivity
Keep everyone involved – exchanging ideas, participating in interactive presentations, reviewing documents, brainstorming and contributing to projects in real-time.

Enhanced collaboration
Encourage participants to engage, interact and work together during meetings, fostering communication, building teamwork and driving successful results for your organisation.

Efficient training
Engage attendees, assess understanding of key concepts and encourage full audience participation to elevate training efficiency.

Cost reduction
Save valuable time and money by distributing important information to colleagues and meeting attendees immediately, eliminating the need for typing up flipchart notes.

For retail

Shopping is no longer just about buying; it's about experiencing. CTOUCH interactive displays in a public environment enable retailers to bridge the gap between offline and online, improving brand experience and increasing customer engagement.

Empowered customers
Offer customers the convenience they want by introducing interactive wayfinding and information points to high traffic areas.

Relevant messaging
Display targeted interactive and engaging advertising messages. Team with digital signage software to immediately update poster sites and menu boards with time and event relevant information.

Improved efficiency
Improve customer experience by reducing queues and empowering shoppers and visitors. Enable online ordering, stock finding and inspire customers in the next generation of shops.

Multi-channel experience
Increase customer engagement and brand building by seamlessly bringing social media to the store environment. Enable crowd-sourced footage and social sharing.

Features

LED technology
With LED technology you can benefit from significantly reduced power consumption, up to 60% compared to LCD technology.

Four or ten point multi touch display
Four people can simultaneously write, perform mouse functions, erase and manipulate objects on the display. Displays are also available with 10 points of touch (10 point as standard on Laser and 84" models) for further enhanced collaboration.

Touch gestures
Use simple, intuitive hand and finger gestures to work with content, including one and two finger navigational gestures such as panning and flicking pages and objects. You can also configure your own personal gestures such as displaying the on-screen keyboard, toggling or minimising all applications to the desktop.

Toughened glass display
All CTOUCH displays feature 5mm toughened anti-glare or clear glass screens, designed to survive the demands of any environment.

Plug and Play capability with Windows, Mac and Linux
With no need to install drivers on Windows, Mac or Linux devices, installation and operation is quick and easy, even for first time users.

Full range of wall mounts, wall lifts and trolleys
All CTOUCH displays can be wall mounted in either landscape or portrait mode. A full range of wall lifts, trolleys and trolley lifts and tilting tables are also available.

Long life, silent operation and minimal maintenance
Long life is assured by the typical 50,000 hours of panel usage, which equates to over 15 years of average day-to-day operation. CTOUCH displays have no cooling fans, eliminating the distracting noise often associated with projectors. Apart from cleaning the glass, minimal maintenance is required.

Octopus Interactive Software
CTOUCH displays are now bundled with Octopus Interactive Software, which contains easy to use, interactive teaching tools to enhance collaboration, enable tablet integration and virtual voting. Featuring tool palettes that work alongside any application or web browser, Octopus is designed to enhance lesson content and make learning even more interactive.

Free Collaboration software
Every CTOUCH display ships with a single Smoothboard licence that allows up to 40 wireless devices to be connected at any one time. Smoothboard allows collaboration between iPads, Android tablets, laptops and smartphones, across all platforms (Windows, Mac, Linux). Teachers and presenters, classes and audiences can now engage like never before.

Comprehensive warranty
CTOUCH displays are supplied with a three year on-site, next working day, de-installation/re-installation warranty to minimise downtime in the event of failure. Optionally this can be extended to five years in total.

OPS PC slot
The Leddura XT models (65" and above) now feature as standard an OPS PC slot for integrating a computer into the display. Users will benefit from no unnecessary cabling, lower power consumption and reduced installation costs.

Optional soundbar
Enhance the use of video and audio in the classroom or boardroom with the CTOUCH Soundbar, available for 65", 70" and 84" Leddura XT models.
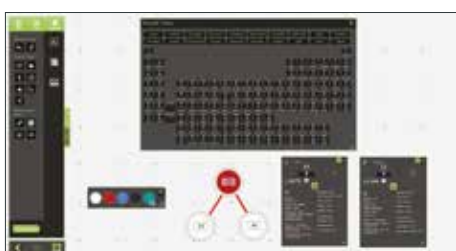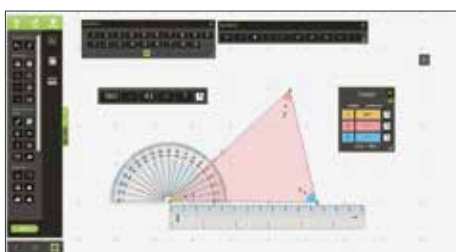
Software

All CTOUCH displays come with a full range of software and accessories to maximise their use in operation and flexibility in installation.

Octopus software

Octopus makes it even easier for you to create engaging and dynamic lessons, with over 70 individual tools for learning, including geography, literacy, science and mathematics resources and a collection of floating tool palettes. Open as few or as many of the tools at any one time, select assets from a 3,400 strong media bank, combine online and offline content, create content 'on-the-move', quickly save/store lessons or share your content on the Octopus share site.

Octopus is different to any other interactive whiteboard software. Not only does it sit over your desktop, it also sits over any other application, such as Microsoft Office programs, video software, VLEs, existing teaching resources and websites. Octopus allows users to move freely between applications and easily interweave offline and online content.

Standard Tools

14 Drawing Tools including pencil, highlighter, shapes, flashlight and line tool. Enter the media gallery and choose from over 3,000 images and animations. Tools to capture audio, video and static images plus an on-screen Keyboard.

Draw freehand, draw straight lines or highlight an area with the highlighter pen. Choose the colour, thickness and style. Erase all or part of your workings, magnify, or use the torch tool. Capture screen images, record audio and video. Access the image bank, build your own image bank and use floating keyboard.

Other Features:

Cross Platform
Octopus is available for Windows, Mac OS X and Linux.

Multi-purpose
Diverse uses including presentations for business conferences, teaching in education and training for business.

Stores user settings
Octopus stores your settings such as the tool layouts and menus on stage, so everything is as you left it.

Ease-of-use
Octopus's simplistic design makes it accessible to users of all ages and levels of computer literacy.

Fits any screen resolution
Octopus content works on any screen resolution, no matter what screen size it was created on.

Extendable
Octopus can be extended with new toolsets adding new possibilities for content creation.

Smoothboard Air software

Smoothboard Air collaboration software allows presenters to share their CTOUCH display among multiple participants with mobile devices such as iPads, Android tablets and smartphones. With the use of a QR code or IP address and PIN, participants within the room can access the CTOUCH display from their mobile device without having to install any applications.

Smoothboard Air will stream to up to 40 devices simultaneously, ideal for the classroom or meeting room. Each mobile device becomes an interactive whiteboard surface where both presenter and participants may annotate on any application simultaneously. The presenter or teacher may assign permissions for each participant to have access to annotation or remote control functions.

- Connect instantly with a QR code or IP address
- Store annotated content on your own device
- Real-time wireless collaboration with multiple mobile devices

Extras

To enhance the interactive experience on your CTOUCH display, we offer a host of connectivity, sound and mounting options. The all-in-one OPS PC module and 90 watt soundbar are the ideal additions to Leddura XT displays, and versatile mounting options ensure your display is the ideal fit for any setting. All CTOUCH displays can be wall, trolley or table mounted with a choice of fixed height and adjustable stands.

Connectivity

Wired, wireless or integrated intelligence

Using a CTOUCH OPS all-in-one PC module brings an end to loose components and annoying cables. Anyone can easily access, connect and present from a CTOUCH display with incredible performance and reduced power consumption.

Sound

Experience sound in its unique way

The CTOUCH Soundbar is a first class addition to the Leddura XT interactive displays, boasting 90 watts of crystal clear sound. The Soundbar gives optimal digital sound experience with ergonomic in-bezel docking.

	CTOUCH® Leddura 47"	CTOUCH® Leddura 55"	CTOUCH® LASER 60"
Display Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Multi Touch Points	4	4 or 10	10
Display Glass	5mm toughened anti reflective glass housed in a steel frame for durability		
Power Consumption	<0.5W - 120W	<0.5W - 144W	<0.5W - 200W
Weight	43kg	55kg	62kg
Connectivity	HDMI x2, USB, RGB, Component, Composite video, S-Video, RS232	HDMI x2, USB, RGB, Component, Composite video, S-Video, RS232	HDMI x2, USB, RGB, Component, Composite video, S-Video, RS232
Soundbar Connectivity	No	No	No
OPS PC compliant	No	No	No
Software Applications Included	Octopus and Smoothboard Air		
Product Accessories included	Power cable, HDMI cable, USB cable. Remote control & batteries, magnetic stylus pen, user manual.		
Warranty	3 year on-site, de/re installation warranty (2 year extension available - 5 years in total)		

Support

Support and training when you need it

CTOUCH products are simple and intuitive to use, but if you do need some help, we're on hand to assist. We also offer various training courses to ensure you get the most out of your display.

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, all CTOUCH displays offer flexible, easy to install and operate mounting solutions.

CTOUCH® Leddura Xt 65"	CTOUCH® LASER 70"	CTOUCH® Leddura Xt 70"	CTOUCH® Leddura Xt 84"
1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	3840 x 2160 (Ultra HD/4K)
4 or 10	10	4 or 10	10
5mm toughened anti reflective glass housed in a steel frame for durability			
<0.5W - 250W	<0.5W - 300W	<0.5W - 240W	<0.5W - 440W
70kg	78kg	78kg	110kg
HDMI x3, Display Port, USB, RGB, Component, Composite video, RS232	HDMI x2, USB, RGB, Component, Composite video, S-Video, RS232	HDMI x3, Display Port, USB, RGB, Component, Composite video, RS232	HDMI x4, Display Port, USB, RGB, Component, Composite video, RS232
Yes	No	Yes	Yes
Yes	No	Yes	Yes
Octopus and Smoothboard Air			
Power cable, HDMI cable, USB cable. Remote control & batteries, magnetic stylus pen, user manual.			
3 year on-site, de/re installation warranty (2 year extension available - 5 years in total)			

CTOUCH
Smart innovation!