PHILIPS

Professional Display Solutions

Education **range**

Powering evolution for teachers and students

Education **solutions**

Philips displays from PPDS bring education settings to life. In the classroom or lecture theatre, the back office and around campus. Standalone or networked, interactive or static—with the solution-based approach from PPDS, the display is only the beginning. Harnessing the power of your familiar software, whether you need to enhance collaboration, to engage students on site and working from home, or to inform the whole-campus community, move confidently into the future with Philips displays.

Part of PPDS' commitment to supporting the education market by bringing highly innovative, dedicated technologies to classrooms for enhanced teaching and learning, the company partnered with leading education software solutions specialist, i3 Technologies and and the global video conferencing enterprise, Logitech.

i3-TECHNOLOGIES

Perfectly aligned in their combined ambitions to bring advanced education to all, this important strategic partnership will see PPDS' interactive touch screen displays, including the Philips E-Line (designed exclusively for education), come with access to 'i3LEARNHUB' – i3 Technologies' flagship cloud-based digital creation and learning platform, designed to enable teachers to bring digital content to students, stimulate collaboration and prepare them with 21st century learning skills.

logitech®

Logitech and PPDS offer plug-and-play connectivity between a range of compatible Philips professional displays and Logitech video collaboration hardware. Logitech products are designed to meet the needs and requirements of any space, from the desktop office, to the classroom, to the lecture theater.

Contents

Get ready to
inspire the new

An optimal learning environment requires the right tools that are developed with an awareness of the digitalization process in education, as well as all of the challenges that come with it. Our strategic partnership with i3 Technologies brings extensive content creation and sharing capabilities to Philips interactive displays for global teaching community.

Solutions are being developed and co-created with teachers to ensure that we can offer a solution to meet their needs and tackle their challenges.

What does the future of education look like?

The advancement and adoption of technology is moving faster than ever and with this in mind, it's important to successfully integrate technology into learning environments. Our solutions don't change the way you teach, rather assists and enhances the learning experience for both teachers and students. Our digital solutions make learning easily accessible, engaging, flexible and more effective.

In many studies, schools have seen an increase in learning outcomes and results, engagement and enthusiasm in the classroom with the use of interactive touch displays or boards as well as software solutions designed specifically for the classroom.

Helping teachers meet their goals

By partnering up with i3-Technologies, we benefit from over 50 years of experience in education and over 10 years of experience in education technology, we know how to navigate today's challenges in education. We offer a broad range of products that are for the benefit of both the teacher and the student. Our solutions form an

important part of the digital education ecosystem, which allows you to design your inspiring and interactive learning environment.

We are your partner for inclusive digital learning and innovation in education. Keeping your everyday environment in mind, we are able to create solutions that meet your goals, curriculum, student needs and teaching style. We focus on not just the use of technology, but the importance of the correct use of technology, because it makes a world of difference for students and teachers. All of our solutions are simple to use and easy to integrate into the existing infrastructure of your school.

Conference

Whiteboard

Present

Apps

Learnhub

10:23
2021-3-17

Active and engaging lessons

Better learning outcomes

Easy to use

More inclusive

Enhanced collaboration

Education experts

Designed for teachers

Global support

Integrated solutions

Available trainings

Benefits

Technology in education is no longer simply a teaching tool, it is also a key deciding factor for parents and students when selecting their school, college or university. Providing best-in-class learning environments for students to fulfill their potential is vital. Selecting the right solution and getting maximum return on investment has never been more important.

Ensuring that the hardware and software needed to provide a quality hybrid education model is in place is essential, yet it need not be a challenging task.

Enhanced productivity

It's an ever-evolving world. Keep productivity up with adaptive technology that supports Windows, macOS, iOS, Chrome OS, Linux and Android devices. Philips professional displays for education are designed for seamless integration, and deliver effortless connectivity through wireless and wired methods. This means more efficient lessons and presentations with instant content sharing and zero set-up time. New apps can also be added for more functionality and custom automation.

Smarter collaboration

Experience faster project completion and optimal results. Philips professional displays for education enable live content sharing and contribution from multiple teachers, students, and guests in class or connected from a distance. Touch-screen technology, wireless screen sharing, whiteboard mode and video conferencing are just some of the features that make working together in any scenario smarter than ever.

GDPR assured

All Philips professional displays, signage solutions and professional TVs, are fully GDPR compliant, ensuring maximum security for data and usage. We do not retain or share any data on the displays such as cookies, passwords, or history.

Greener sustainability

Environmental responsibility is now more important than ever. Philips professional displays for education have been designed for enhanced energy efficiency to ensure minimal impact on the environment and lower running costs. Revolutionary technology also makes the use of paper redundant with live collaboration features that enable easy sharing, input, and huddle sessions that can be accessed by teachers and students from any digital platform.

Better management

Take command of your content and fleet of displays with CMND. Philips professional displays for education provide complete control for system and software updates, as well as content creation and management from a single location.

Complete versatility

Every campus. Every need. PPDS offers complete solutions for educational facilities to connect students and teachers on location or through distance learning. The latest Philips professional displays for education have been purpose-built for every digital transformation- from large interactive displays to replace chalkboards, to wayfinding and room info displays that add flexibility to room schedules. Everything is covered, including monitors that can be connected to classes remotely.

Present and future proof

Made for today. Ready for tomorrow. The education collection of Philips professional displays combine the latest tech innovations in hardware and software, enabling advanced learning methods that resonate with today's students. Better still, their scalable design means that new features and software can be added as your needs evolve, whilst also allowing for seamless connectivity with future products.

BYOD connectivity

Create engaging class lessons and enable greater student interaction with BYOD connectivity. Philips professional displays for education allow you to set-up safe and secure casting between your presentation displays and student devices with easy set-up and management. Laptops, mobiles, and tablets can all be connected through native casting or the new Interact software.
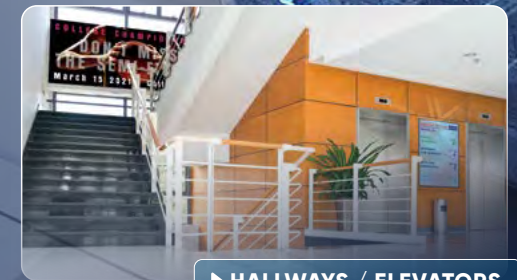
Total education solutions

Everything you need for a complete digital transformation. PPDS brings the very best in educational innovations under one brand. The comprehensive suite of Philips products reach new levels of excellence through our collaboration with the world's top software and hardware partners, including i3LEARNHUB to enable your revolutionary learning platform, as well as top system integrators and custom mounting solutions.

Education
Ecosystem

▶ STADIUM / SPORTS HALL

▶ HALLWAYS / ELEVATORS

Powering evolution in education, PPDS delivers advanced innovations that enable a brighter and more connected future. We're here to help you create inspiring teaching and learning experiences in any scenario–ensuring your facility is optimised for both onsite and remote learning flexibility.

Our innovations are designed to increase student attention and collaboration, whilst also optimising campus announcements and vital information by digitising noticeboards, wayfinding, and room info. Power your digital transformation and inspire tomorrow's leaders with the latest hardware and software advancements designed specifically for the education industry.
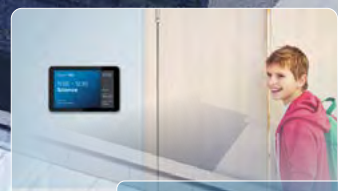
LIBRARY

STUDENT ACCOMMODATION

RESTAURANT/CANTEEN

CLASSROOMS

CLASSROOMS BOOKING

LECTURE THEATRE / AUDITORIUM

RECEPTION AREAS

One recommended **teaching** & **learning solution** for each use case.

Philips professional displays and Logitech Video Collaboration solutions **empower educators** to create dynamic learning experiences in the classroom and beyond. Foster a rich and productive learning environment with tools designed to enhance connections, capture body language, and identify non-verbal cues. Bring lessons to life, in the classroom and at home, with solutions that make learning easier.

Our education use cases range in application from desktop-based hybrid learning solutions, across K-12, and through higher education environments.

Home – **Distance** learning

Philips | monitor

Logitech | Desktop Soutions
Enable educators to engage with students from anywhere. Solutions include Logitech BRIO webcam and Zoom Wireless Headset.

In a **classroom**

Philips | **E-Line**

Logitech | **K-12 Solutions**
Small classroom solutions are the perfect fit for hybrid learning—students in the room with their teacher, or attending classes remotely.
· Rally Bar Mini for small classrooms
· Rally Bar for medium classrooms
· Rally Plus for large classrooms
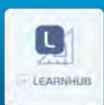· Scribe for classrooms of any size

Lecture **hall**

Philips | **E-Line and LED panels**

Logitech | **Higher Education**
We have solutions designed to accommodate the complex needs of college classroom, laboratory, and lecture hall settings, with:
· Rally Bar Mini for small college classrooms
· Rally Bar for medium college classrooms and laboratory environments
· Rally Plus for large classrooms and lecture halls
· Scribe for classrooms of any size

inside the classroom

Smart teaching

Set a higher benchmark and lead a smarter classroom. The brilliantly designed E-Line boasts an anti-glare and anti-reflection 4K screen, including blue light filter on 4052E models, to ensure that your content is always the focal point in any lighting condition. It's equally as impressive on the inside, with a plethora of features that will enable students to design, invent, collaborate and translate their ideas for the real world.

Inspire collaboration. Maximise engagement. This top-spec Philips E-Line touch display is powered by Android and features enhanced educational software and programs compatibility, 20 touchpoints, and a toughened anti-glare glass.

Philips E-Line

i3LEARNHUB

Using our integration with Google Classroom, you can easily take your lessons from face-to-face to online, or go hybrid.

Easily share your lessons and exercises in i3LEARNHUB with the students linked to your Google Classroom.

inside the classroom

Interactive teaching

All of the tools you need to make teaching easy, successful and interactive are at your fingertips, literally. Using i3LEARNHUB there are no app installations required. Simply log in from your IFP or computer and you can start teaching in three clicks. i3LEARNHUB allows you to stream classes online and collaborate on the same board, all in the same application. Online teaching and distance learning is a breeze.

inside the classroom

Informing

Made for huddle spaces, the Philips B-Line delivers seamless connectivity with easy content sharing from laptops, desktops, mobiles and corporate servers. Crestron Connected® certified and compatible with both Extron and Neets systems, it provides fast, secure and reliable network integration that can play scheduled content when not in use to strengthen school pride.

Philips B-Line

Maximise engagement in every class and presentation. Chromecast built-in makes sharing content wirelessly from any laptop, desktop, tablet or mobile seamless, with no extra hardware or set-up time required across all operating systems. HDMI Hotplug detection also caters for wired connections, with auto switching between connected devices. This means smoother, faster and more focused class sessions with zero technical distractions.

inside the classroom

Presenting

Take your vision to new heights by combining versatile signage solutions to your fleet of tech. Utilising signage displays throughout your campus helps strengthen your school's culture with greater messaging presence, innovative functionality, and advanced content integration. From wayfinding to immersive presentation set-ups, the possibilities are endless.

Enabling new concepts in design, the Philips Q-Line brings versatility to your communications. These professional signage displays can be combined to your existing education system or used to play content independently via an integrated media player. Powered by Android and available in an impressive range of sizes, each display can be used for multiple-purposes to showcase both programmed and dynamic content through live feeds and custom apps.

Philips Q-Line
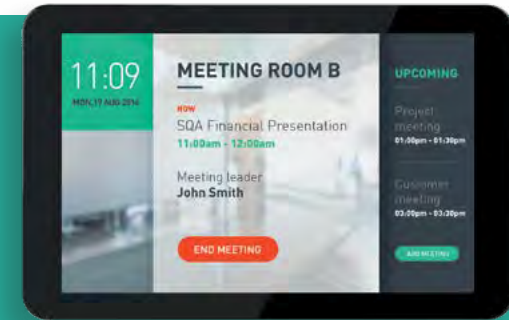
inside the classroom

Inspiring

Turn each day on campus into an inspiring experience. The PPDS education range combines futuristic design with innovative technology to motivate your students and teachers. Utilising the versatile range of signage solutions, your space can be transformed into an impressive feast for the eyes with vibrant content that reinforces your facility's motto.

Philips L-Line

There's impressive, then there's LED impressive. The Philips L-Line LED Display Wall takes the possibilities beyond any boundary with its bezel-free design. Create a truly unique content display that defies traditional conformation by assembling an intriguing modular pattern with zero breaks between screens. Super-fast refresh rates, ultra-high brightness and up to 8k resolution are just the start.

outside the classroom

Classroom booking

Built for versatility, the T-Line Multi-Touch Display is a 5-point touchscreen made for education environments. Power-over-Ethernet enables flexible placement outside of classrooms and in common areas, as well as traditional placement. A built-in camera and speakers plus Android OS enable interactive applications like booking a room, status updates and flexible communication.

Complete your digital transformation and advance your education ranking by using tech smarter. The PPDS education range is not only perfect for content and collaboration, but can be integrated into your education IT systems for campus-wide scheduled messaging, student notices, announcements and internal communication.

Philips T-Line 10"

outside the classroom

Wayfinding

The answers they need, found faster. The Philips T-Line Kiosk Professional Display makes navigating through large campuses easier—improving class efficiency for students, teachers, and guests. Utilising digital wayfinding solutions also enable school facilities to take advantage of temporary and agile room bookings when needed. Better still, content can be updated instantly from a central location without needing any extra technical knowledge.

Philips T-Line Kiosk

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional Full HD Display is ideal for multi-finger, multi-user applications-from wayfinding to presentations. Up to 10 touch points can be active at once.

outside the classroom

Showcasing

Revolutionise your showcase stands. Philips D-Line Signage Displays digitise the achievements of your school and students, allowing you to proudly present every highlight—from NFT trophies to featured artwork. Displays can also be used for live updates during competitive events such as sports and debates. Content can be updated on single displays or across your entire fleet from a central location, enabling quick and easy management.

Amaze your guests with a smarter, faster, signage display. With integrated WiFi and designed for running Android apps, it's the next evolution in signage solutions.

Philips D-Line

outside the classroom

Engaging

Create an inspiring campus with a strong brand presence that's driven by innovative thinking. Having the right tech set-up makes teachers and students feel proud to come to school each day, whilst also impressing guests and potential candidates. The PPDS education range delivers on both form and function, with industry-leading design that strengthens your content.

Designed for impact, the Philips X-Line Videowall commands attention with the versatility to transform any space into a gigantic content display in either portrait or landscape mode. Presentations, live feeds, and real-time info from multiple sources ensure greater flexibility, whilst Pure Colour Pro boosts luminance for dynamic content that's radiant and engaging.

Philips X-Line

Philips MediaSuite

Designed for a fast-paced world, MediaSuite features advanced connectivity and versatile configuration settings. Chromecast built-in makes streaming fast and easy, whilst Android™ and Google Play Store unleash infinite possibilities.

outside the classroom

Entertaining

Happiness equals results. Keep the wellness levels of your students and teachers high with the Philips MediaSuite. Made for entertainment, these Professional TVs offer integrated connectivity to streaming services for instant relaxation after a long day. Content can also be easily casted from portable devices using Chromecast built-in, whilst gaming can be enjoyed to the fullest with superior picture quality and smarter connectivity.

Specifications

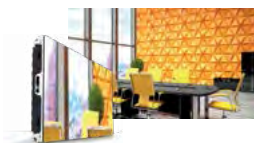|	Smart teaching	Smart teaching	Informing	Presenting	Inspiring	Inspiring
	E-Line education **3052E**	**4052E**	**B-Line**	**Q-Line**	**L-Line**	**L-Line** FHD kits
Available sizes (inch)	65", 75", 86"	65", 75", 86"	50", 58", 65", 70", 75" *	32" *, 43", 50", 55", 65", 75" **, 86" **	Modular	110", 137", 165"
Placement	Landscape	Landscape	Landscape	Landscape, Portrait	Modular	Landscape
Brightness	350 cd/m²	350 cd/m²	350; 380* cd/m²	350*; 400 cd/m²	650 ~ 900 nits [1]	650 ~ 800 nits [1]
Resolution	4K UHD FHD (UI)	4K UHD	4K UHD	FHD*; 4K UHD	Modular	FHD
Video IN	DVI-I, HDMI, USB-C, VGA	DVI-I, HDMI, USB-C	N/A	HDMI, DVI,	Depends on controller choice	Depends on controller choice
Video OUT	N/A	HDMI	HDMI	N/A	Depends on controller choice	Depends on controller choice
Operating System	Android 8	Android 11	Android 9	Android 8	N/A	N/A
Touch technology	Advanced IR 20 points	Advanced IR 20 points	N/A	N/A	N/A	N/A
Wireless screen sharing	Interact (optional)	Interact	Chromecast built-in	Interact (optional)	Optional via controller input	Optional via controller input
OPS	yes	yes	N/A	yes**	N/A	N/A
Extra features	WiFi (optional)	WiFi	Wifi, Google Play Store	WiFi (optional)	[2]	[2]
Accessories	RS232 cable, remote control, HDMI cable, IR sensor cable, Touch Pen (x2), USB A to B cable	RS232 cable, remote control, HDMI cable, IR sensor cable, Touch Pen (x2), USB A to B cable	RS232 to RJ48 cable	USB cover, RS232 cable, remote control	Loop through cables, connecting pieces, QSG	Starterkit, Cablekit, Edge finish kit, QSG, Novastar Controller
	View product online	View product online	View product online	View product online	View product online	View product online

Inspiring	Classroom booking	Wayfinding	Showcasing	Engaging	Entertaining
L-Line UHD kits	**T-Line** 10"	**T-Line** Kiosk	**D-Line**	**X-Line**	**MediaSuite**
220", 275", 330"	**10"**	**32", 43" *, 43" **, 55" ****	**32", 43", 50", 55", 65", 75" *, 86" *, 98" ***	**49", 55"**	**43'', 50'', 55'', 65'', 75''**
Landscape	Landscape, Portrait	Landscape, Portrait 18/7	Landscape, Portrait 24/7	Landscape, Portrait	Landscape
650 ~ 800 nits [1]	300 cd/m²	400 cd/m²	500 cd/m²	500; 700 cd/m²	350 cd/m²
UHD	1280 x 800	4K UHD	4K UHD	FHD, tiling 4K	4K Ultra HD LED
Depends on controller choice	N/A	DVI-I, HDMI, USB, VGA	DVI-I, HDMI, USB, VGA	HDMI, DP, DVI, VGA	HDMI, USB,
Depends on controller choice	HDMI	N/A	HDMI	DP	N/A
N/A	Android 8	Android 8	Android 8	N/A	Android 9
N/A	PCAP 5 points	PCAP 10 points*, or IR 20 points	N/A	N/A	N/A
Optional via controller input	N/A	Interact (optional)	Interact (optional)	N/A	Chromecast Ultra built-in
N/A	N/A	yes**	yes*	yes	N/A
[2]	Side led bars, PoE, WiFi	WiFi	WiFi	Pure Color Pro, Color calibration	WiFi, Google Play, YouTube, Netflix [3]
Starterkit, Cablekit, Edge finish kit, QSG, Novastar Controller	Table stand, power adaptor	RS232 cable, remote control, IR sensor cable	RS232 cable, remote control, IR sensor cable, USB cover	IR sensor cable, remote control, HDMI cable, RS232 adapter, daisy chain control cable	Tabletop Stand, remote control
[View product online](#)	[View product online](#)	[View product online](#)	[View product online](#)	[View product online](#)	[View product online](#)

[1] Brightness for L-Line and L-Line kits is shown after calibration. Wireless screen sharing for LED displays can be done via a 3rd party product i.e. Airtame.
[2] Due to the modular system, there is a huge variation in possibilities with Philips L-Line products. Please contact your local PPDS sales representative.
[3] Terms and Conditions apply related to the availability of Netflix

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EXCLUSIVE
SOLUTION PROVIDER