

PP
DS

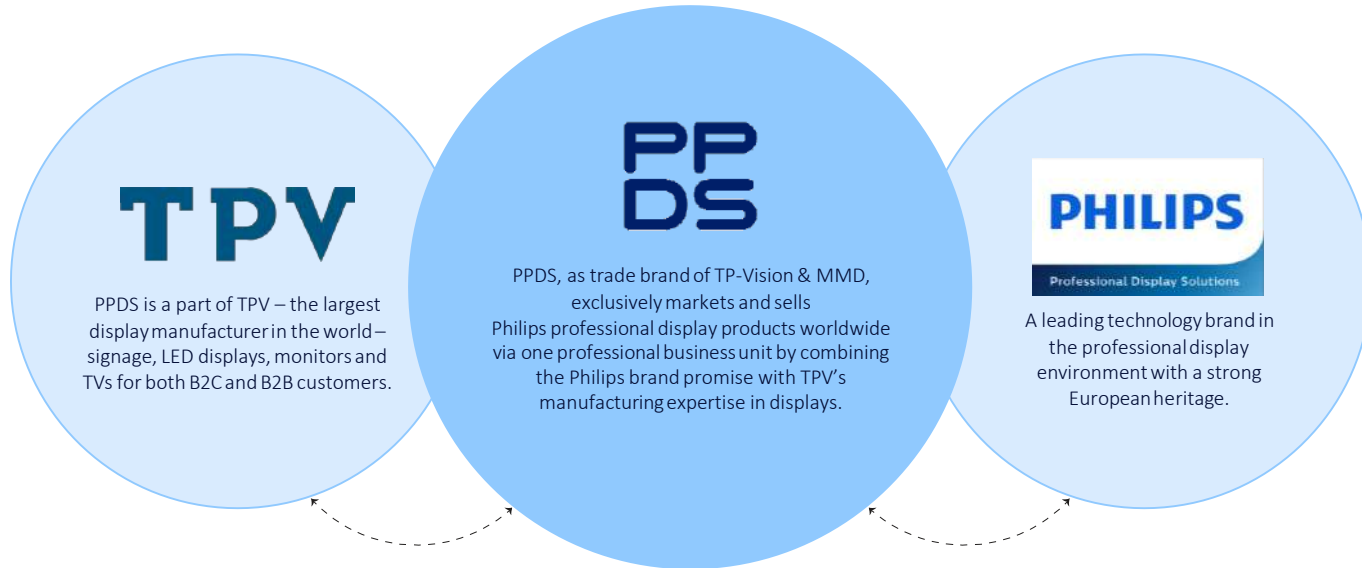
Professional
Display
Solutions

PHILIPS
PPDS 2023



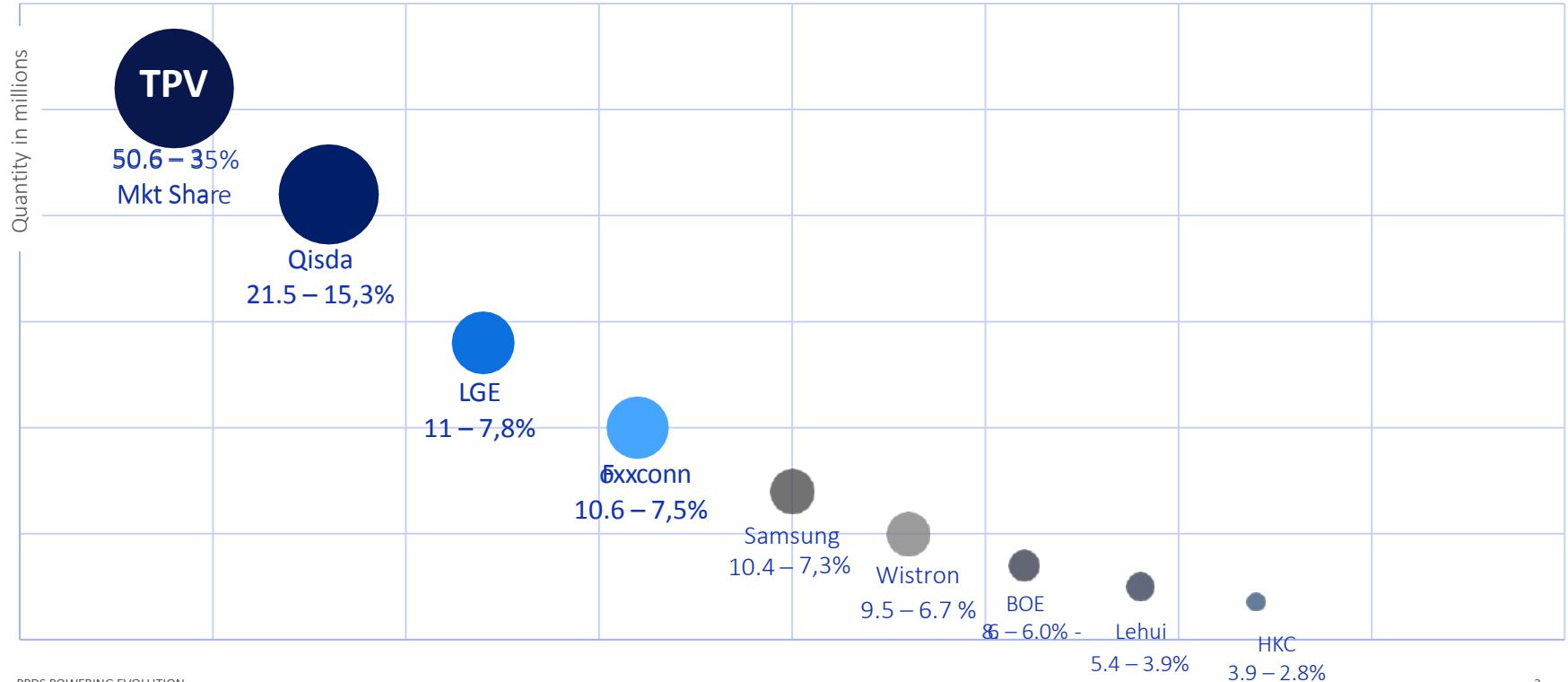
www.majar.gr

The Company Structure



TPV – a strong player in the display arena

Monitors, Signage and TV Combined Quantities 2020



Our global capabilities

Combined manufacturing and innovation sites of TPV and TP Vision / MMD

Group Manufacturing sites

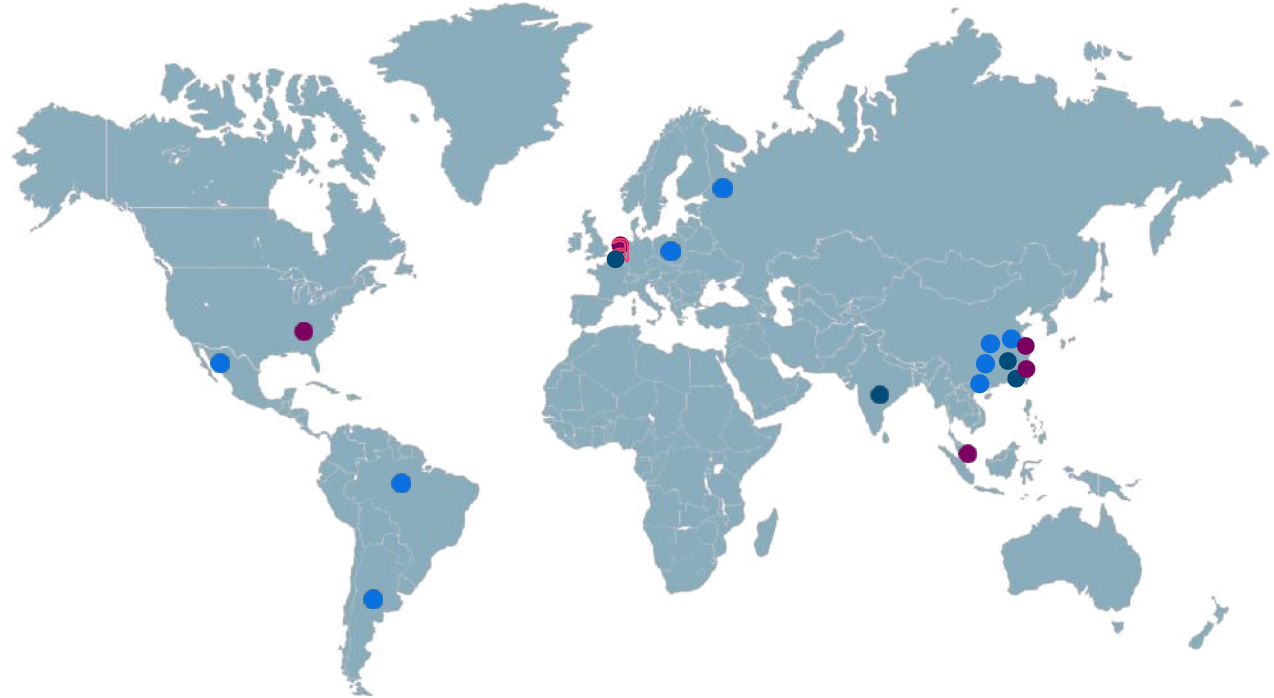
- § Gorzow, Poland
- § St. Petersburg, Russia
- § Beijing, China
- § Qingdao, China
- § Xiamen, China
- § Fuqing, China
- § Tijuana, Mexico
- § Manaus, Brazil
- § Tierra del Fuego, Argentina
- § Prachin Buri, Thailand
- § Beihai, China

PPDS Regional HQ

- § Amsterdam, Netherlands
- § Atlanta, USA
- § Taipei, Taiwan
- § Shanghai, China
- § Singapore, Singapore

Group Innovation / R&D sites

- § Ghent, Belgium
- § Bangalore, India
- § Taipei, Taiwan
- § Xiamen, China



Powering Evolution

PPDS



Human touch

We are a passionate team of people close to the markets, who strives to be reachable and accessible to better support our eco system of partner and customers.



European origins

PPDS' global organisation is headquartered in Europe.
Our top #3 position in Europe to power top #3 position Globally



Philips

Philips is a leading technology brand in the professional display environment and one of the most powerful worldwide brands, according to latest 2020 [Interbrand ranking](#)



Total Solutions

After choosing Android™ as Technology platform, PPDS is breaking silos between hardware and software provision by encouraging full and easy integration with third party innovative companies.



Global approach

We want to break the boundaries and serve our customers on a global scale using our fully integrated organisation to become a global partner with financial power and manufacturing footprint.



Green Environment

From a Global #2 position in the 100 most sustainably managed companies in the world our licensee encourages PPDS to strive towards even better sustainability in the B2B environment.
(Source: [Wall Street Journal 2020](#))

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PHILIPS Signage Portfolio


YOUR TECHNOLOGY PARTNER

Powering a full range in the B2B Display industry

PPDS

Brand



Philips Professional
Display Product
Lines

Digital signage



Maximum impact
Digital signage from Philips has super high brightness and ultra-clear resolution, content comes to life for flawless audience engagement and better results. Explore the industry-specific innovations and create the perfect custom set-up for your needs.

- § B-Line
- § Q-Line
- § D-Line
- § H-Line
- § P-Line

Interactive displays



Interactive Displays
Inspire collaboration and maximise engagement. Philips touchscreen displays enable a true connection between people and your content. Create playful educational experiences. Or lead the way in creative collaboration in your workplace and beyond.

- § T-Line in many forms
- § C-Line

Professional TV



Built for results
Boost engagement, increase efficiency, bring the latest innovations to your brand and unleash your full potential with Android and CMND put you in full control with more ways to connect and captivate.

- § MediaSuite
- § PrimeSuite
- § EasySuite
- § Studio
- § Bedside TV

Videowalls



Designed impress
Command attention with the Philips X-Line Videowall display. 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.

- § X-Line Corporate
- § X-Line Retail

LED displays



Philips LED Displays
Experience total creative freedom with the limitless LED Display, which allows you to combine as many displays as you like to form a custom shape of any size.

- § L-Line Corporate
- § L-Line Public Venues
- § L-Line Retail

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Q-Line, D-Line and P-Line
Signage – 400, 500 and 750 nits


YOUR TECHNOLOGY PARTNER

Q-Line Android display

PPDS



- Screen Sizes 32", 43, 50", 55, 65, 75, 86 inches
- Panel Type Direct LED IP, *VA
- Orientation Landscape, Portrait (both 18/7)
- Connections DP, HDMI, DVI, VGA, RS232, RJ45, USB
- Functionality

Powered by Android 8.0
Quad core chipset
Internal 16GB storage + SD card
SmartPlayer USB playback
CMND Create & Control
OPS on 75 & 86 inch
4K UHD
Basic failover
32 inch is FHD & 350 cd/m2
Crestron certified (APK)
Even bezel design
Wireless screen sharing
(with optional WiFi dongle)

 400 cd/m2

 18h / 7 days



 Powered by Android™



 **CMND**
Create | Control

 **SmartPlayer**

 **CRESTRON**
connected

Q-Line no Android display

- Screen Sizes 32*, 43, 50, 55, 65, 75, 86 inch
- Panel Type 400 cd/m² UHD panel (*FHD)
- Orientation Landscape and Portrait 18/7
- Inputs 2 x HDMI
DVI
VGA
- Functionality Basic Failover
OPS on 65, 75 and 86 inch
CMND-API (CMND&Control)
SICP
Even bezels
USB Media Player



D-Line Android display

PPDS



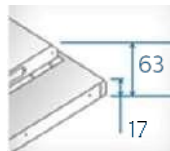
- Screen Sizes 32, 43, 50*, 55*, 65, 75, 86, 98 inches
- Panel Type DIRECT LED IPS, *VA
- Orientation Landscape, Portrait
- Connections DP, DVI, HDMI, RS232, RJ45, USB
- Functionality
Android 8
Wifi
Chipset Quad
Internal 32 GB Storage + Micro SD
Bluetooth & 4G via mPCIe Card
TeamViewer embedded
Full Failover
CMND & Control
32 inch is FHD & 400 cd/m2
OPS on 65 inch and above



500 cd/m2



24h / 7 days



D-Line no Android display

- Screen Sizes 32*, 43, 50, 55, 65, 75, 86 inch
- Panel Type 500 cd/m² UHD panel (*FHD)
- Orientation Landscape and Portrait 24/7
- Inputs
 - 2 x HDMI
 - HDMI OUT
 - DVI
 - VGA
 - DP IN
 - DP OUT
- Functionality
 - Full Failover
 - OPS on all sizes (but the 32 inch)
 - CMND-API (CMND&Control)
 - SICP
 - Even bezels
 - USB Media Player




P-Line display

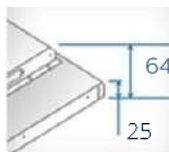
PPDS



- Screen Sizes 43, 50, 55, 65 inches
- Panel Type Edge LED IPS
- Orientation Landscape, Portrait
- Connections DVI, HDMI, DP, RS232, RJ45, USB
- Functionality Native SDM-L slot
Full Failover
CMND & Control
Metal housing
Even bezels
Grounded AC connector

 750 cd/m2

 24h / 7 days



 **CMND** | Control ON  **4K ULTRAHD**  **FailOver**

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H-Line
High Brightness



YOUR TECHNOLOGY PARTNER


H-Line High Brightness display

PPDS



- Screen Sizes 55, *75 inches
- Panel Type Direct LED *IPS, VA
- Orientation Landscape, Portrait
- Connections VGA, DVI, HDMI, DP, RS232, RJ45, USB
- Functionality High Brightness
OPS Slot
Smart Insert
Failover
CMND & Control
*UHD panel
*Quadviewer

 2500-3000 cd/m²

 24h / 7 days



 HighBright

 CMND
| Control

 FailOver

 SmartPlayer

 OPSInsert

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Professional
Display
Solutions

X-Line
VideoWall


YOUR TECHNOLOGY PARTNER

X-Line Retail Video Wall - Range

PPDS



49BDL2105X



55BDL2105X



55BDL4107X

Screen Sizes	49	55	55
Resolution	1920x1080p	1920x1080p	1920x1080p
Brightness	500 cd/m ²	500 cd/m ²	700 cd/m ²
Contrast (typical)	1200:1	1200:1	1200:1
Contrast Dynamic	500 000:1	500 000:1	500 000:1
Daisy Chain	DP	DP	DP
Bezel / Bezel (mm)	3,5	3,5	1,7
Extra features	Color calibration	Color calibration	Color calibration

X-Line Corporate Video Wall - Range

PPDS



55BDL3207X



55BDL8007X



65BDL6005X

Screen Sizes	55	55	65
Resolution	1920x1080p	1920x1080p	3840x2160p
Brightness	700 cd/m ²	700 cd/m ²	500 cd/m ²
Contrast (typical)	1200:1	1200:1	1200:1
Contrast Dynamic	500 000:1	500 000:1	500 000:1
Response Time	8ms	8ms	8ms
Bezel (mm)	3.5	0,88	3.5
Extra features	Pure Color Pro	Color calibration	Color calibration

X-Line Corporate Video Wall

PPDS



- Screen Sizes
- Panel Type
- Orientation
- Connections
- Functionality

49, 55 inch FHD, 65 inch UHD

Direct LED IPS

Landscape, Portrait

HDMI, DP, DVI, VGA, RJ45, AUDIO

Good image quality suitable for presentations, static- and dynamic content

New factory color and gamma alignment

UltraHD videowall (65" only)

All input > DP daisy chain

One cable control daisy chain

Easy configuration for installers

24/7 both landscape and portrait


CMND & Control


Failover

OPS insert, SDM-ready (with CRD64)

Compatible with CRD50

Smart Insert

 500 - 700 cd/m2

 24h / 7 days



 UltraNarrow Bezel

 4K ULTRAHD Tiling

 CMND Create | Control

 FailOver

 Android™ by OPSModule

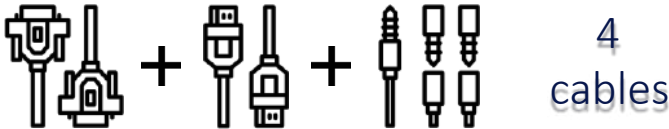
 Advanced Colour Calibration

Daisy Chain Method

Current

- § Video: depending on input
 - § DP IN à DP OUT
 - § HDMI, VGA, DVI, OPS IN à DVI OUT

- § Control:
 - § RS232
 - 2.5mm Jack IN/OUT
 - § IR
 - 3.5mm Jack IN/OUT



New

- § Video:
 - § Any IN à DP OUT

- § Control:
 - § RS232 + IR
 - RJ45 IN/OUT



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Display
Solutions

E-Line

Interactive - Education


YOUR TECHNOLOGY PARTNER

E-Line Education Touch Display


The display that makes your lessons more efficient

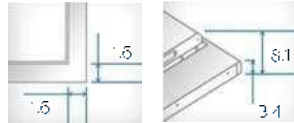
PPDS



- Screen Sizes 65, 75, 86 Inch
- Panel Type Direct LED IPS
- Orientation Landscape
- Connections HDMI, DVI, USB, USB-C, RJ45, microSD
- Functionality High end 0-gap IR touch with 20 touch points
Wireless Screen Sharing via network
Optional HDMI dongle for P2P sharing
Wifi embedded (4052T)
Android 8.0 / 10.0
3x HDMI in, 1x HDMI out, 3x USB 2.0, 2x USB 3.0,
USB-C 65W, 100Mbit Ethernet, RS232
OPS/SDM (via CRD64)
High quality speakers 2x 15W
i3LEARNHUB
Crestron Connected Compatible
Intuitive design app launcher
Left and right-handed easily accessible menu
Easily accessible quick menu
2 passive stylus included

 400 cd/m²

 18h / 7 days



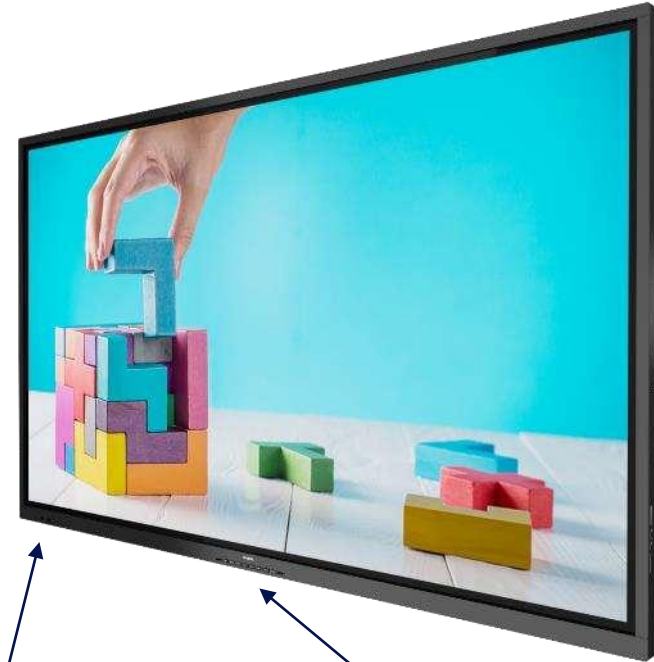
Extron compatible



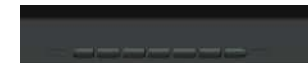
E-Line Education Touch Display xxBDL3052E range

PPDS

Screen Sizes	65", 75", 86"
Resolution	3840x2160p
Touch type	IR 20 touch 0 gap
Brightness	400 cd/m ²
Orientation	18/7 (L)
Speaker	2x15 W down facing
I/O (in)	HDMI x 3, DVI x1, VGA x 1, USB 2.0 x 3, LAN x1, USB-C 65W, MicroSD x1, OPS
I/O (out)	N/A
Android	8.0
SoC	Quad core
Memory	3GB/16GB
WIFI	Optional



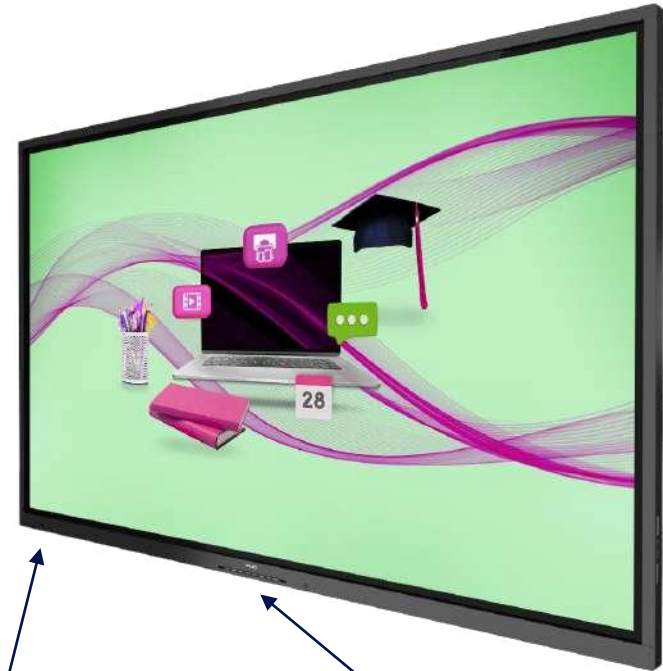
IO Port



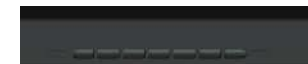
Keyboard

E-Line Education Touch Display xxBDL4052E range

Screen Sizes	65", 75", 86"
Resolution	3840x2160p
Touch type	IR 20 touch 0 gap
Brightness	400 cd/m ²
Orientation	18/7 (L)
Speaker	2x15 W down facing
I/O (in)	HDMI x 3, DVI x 1, USB 2.0 x 3, USB 3.0 x3, LAN x1, USB-C 65W, MicroSD x1, OPS
I/O (out)	HDMI x1
Android	10.0
SoC	Quad core
Memory	4GB (8GB)/32GB
WIFI	2,4/5 GHz



IO Port



Keyboard and sensors

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DS

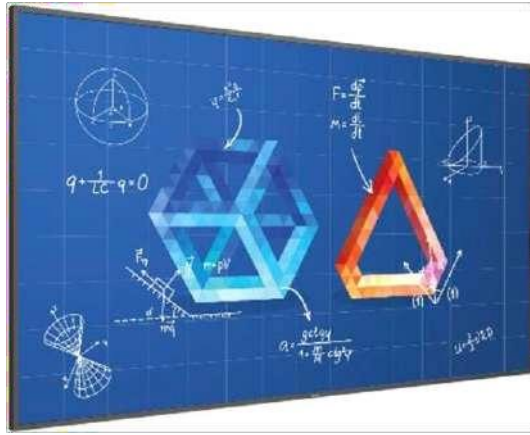
Professional
Display
Solutions

T-Line
Interactive

The logo for MAJAR features a red square on the left containing a white letter 'M'. To the right of the square, the word 'MAJAR' is written in a bold, black, sans-serif font. Below 'MAJAR', the tagline 'YOUR TECHNOLOGY PARTNER' is written in a smaller, black, sans-serif font.
MAJAR
YOUR TECHNOLOGY PARTNER

T-Line Corporate Touch Display (xxBDL3652T)


PPDS

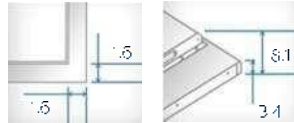


- Screen Sizes 65, 75, 86 Inch
- Panel Type Direct LED IPS
- Orientation Landscape 18/7, Portrait 12/7
- Connections HDMI, DP, DVI, USB, USB-C, RJ45, RJ48
- Functionality

0-GAP HID Infrared touch with 20 touch points
Wireless Screen Sharing via network
Optional HDMI dongle for P2P sharing
Wifi embedded
Android 9
2 x Side I/O, USB-A, USB-B and HDMI
Bottom I/O 4x HDMI in, 1x HDMI out, DP, DVI,
VGA (via DVI), 100Mbit Ethernet, RS232
OPS/SDM-L (via CRD64)
Source preview on all wired sources
High quality speakers 2x 20W
Fully controllable Audio OUT
Crestron Connected Compatible
Intuitive design app launcher
Left and right-handed easily accessible menu
Easily accessible quick menu
Palm rejection
2 passive stylus included

 420 cd/m²

 18h / 7 days



 Powered by Android™

 4K ULTRAHD

 Plug & Play Multi-Touch

 CRESTRON connected

 intel Smart Display Module

Extron compatible

 Whiteboard Mode

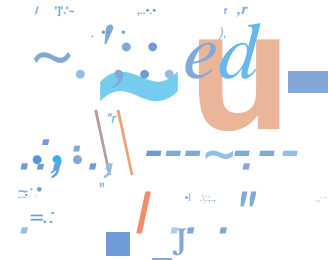
 Wireless screen sharing

T-Line Touch Displays - Range

PPOS



65BDL3552T / 65BDL3652T



7BDL3552T / 75BDL3652T

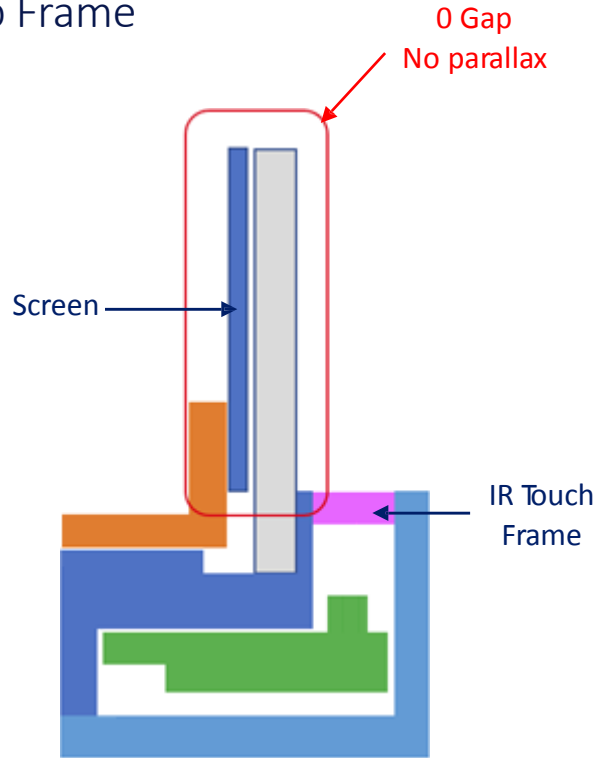


86BDL3552T /
85BDL3652T

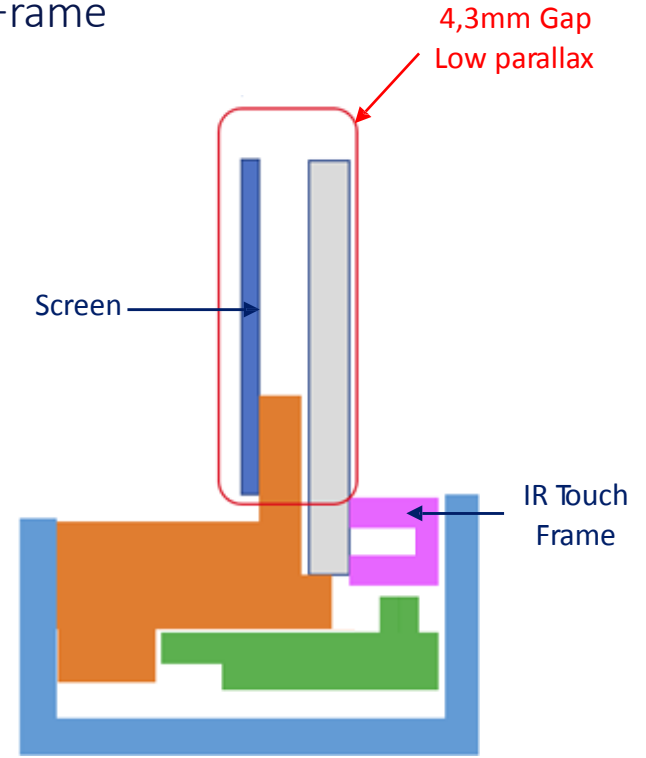
Screen Sizes	65	75	86
Resolution	3840x2160p	3840x2160p	3840x2160p
Brightness	2	2	~2000 ccJ/rr
Contrast (typical)	1000:1	1000:1	1000:1
Contrast Dynamic	10000:1	10000:1	10000:1
Touch screen	Advanced I - 20TP	Advanced R - 20TP	Advanced I - 20TP
Operating system	Android 9 (P)	Android 9 (P)	Android 9 (P)
Response Time	8ms	8 ms	8 ms
Bezel (mm)	6.3	16.1	16.3

T-Line & E-Line Touch Displays – New Design details

0 - Gap Frame



Current Frame



Features



	E-Line 3052	E-Line 4052	T-Line 3652
Screen Sizes	65", 75", 86"	65", 75", 86"	65", 75", 86"
Resolution	3840x2160p	3840x2160p	3840x2160p
Touch type	IR 20 touch 0 gap	IR 20 touch 0 gap	IR 20 touch 0 gap
Brightness	400 cd/m ²	400 cd/m ²	420 cd/m ²
Orientation	18/7 (L)	18/7 (L)	18/7(L), 12/7(P)
Speaker	2x15 W down facing	2x15 W down facing	2x20 W down facing
I/O (in)	HDMI x 3, DVI x1, VGA x 1, USB 2.0 x 3, LAN x1, USB-C 65W, MicroSD x1, OPS	HDMI x 3, DVI x 1, USB 2.0 x 3, USB 3.0 x3, LAN x1, USB-C 65W, MicroSD x1, OPS	HDMI x 4, DP x 1, DVI/VGA x 1, USB 2.0 x 4, USB 3.0 x2, LAN x1, USB-C x1, MicroSD x1, OPS
I/O (out)	N/A	HDMI x1	HDMI x 2, DP x 1
Android	8.0	10.0	9.0
SoC	Quad core	Quad core	Quad core
Memory	3GB/16GB	4GB/32GB	4GB/32GB
WIFI	Optional	2,4/5 GHz (WiFi6)	2,4/5 GHz
Convenience	Failover, Passive Stylus x2, Whiteboard; compatible with: interact, teamviewer, learnhub, Wave	Failover, Passive stylus x2, Whiteboard, interact ; compatible with teamviewer, learnhub, Wave, Logitech Meetup, Blue Light Filter, Presence sensor	Failover, Source preview, Passive stylus x2, Whiteboard, interact ; compatible with teamviewer, learnhub, Wave, Logitech Meetup

T-Line Touch Displays – PCAP – xxBDL3651T

- Screen Sizes 32, 43 Inch
- Panel Type 400 nits 18/7 model, symmetrical bezels
- Orientation Landscape , Portrait
- Connections HDMI, DVI, Audio OUT
- Functionality
HID PCAP touch (USB Plug&Play)
10 Touch points (kiosk type)
Even bezels
Full glass front
M96B platform with embedded Android 8
Basic Failover
CMND-compatible (Control and Create)
OSD by touch interface
Kiosk browser included
WiFi



T-Line Touch Displays – Infrared – xxBDL3451T

- Screen Sizes 43, 55 Inch
- Panel Type 400 nits 18/7 model, symmetrical bezels
- Orientation Landscape , Portrait
- Connections HDMI, DVI, Audio OUT
- Functionality
HID Infrared touch (USB Plug&Play)
20 Touch points
Even bezels
M96B platform with embedded Android 8
Basic Failover
CMND-compatible (Control and Create)
OSD by touch interface
Kiosk browser included
WiFi





T-Line 10" touch display

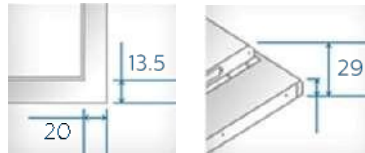
PPDS



■ Screen Sizes	10 inch
■ Panel Type	Edge LED VA
■ Orientation	Landscape, Portrait
■ Connections	HDMI, RJ45, USB, Micro SD
■ Functionality	Capacitive Touch 5 touch Points Android 8.0 Wi-Fi / Bluetooth Power Over Ethernet Chromium 8Gb Internal Storage HTML 5 LED Lighting for meeting room applications TeamViewer embedded WAVE

 300 cd/m²

 24h / 7 days



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Professional
Display
Solutions

C-Line
Interactive



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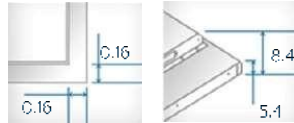
C-Line Corporate touch display - Android



- Screen Sizes 55, 65, 75, 86 Inch
- Panel Type Direct LED IPS
- Orientation Landscape
- Connections HDMI, DP, DVI, USB, USB-C, RJ45
- Functionality
 - High end P-CAP touch – 10 touch points
 - Edge to edge glass front
 - Wireless Screen Sharing via network (Interact)
 - Interactive whiteboard (new version coming soon)
 - Customizable app launcher
 - Always accessible home button
 - Crestron compatible
 - Wifi embedded
 - Side I/O (both sides, USB & HDMI)
 - Source preview
 - 100Mbit Ethernet, RS232
 - OPS/SDM-L, Audio in/out, USB-C
 - USB Hub
 - High quality speakers 2x 20W
 - Fully controllable Audio OUT
 - WAVE

 350 cd/m2

 16h / 7 days



Extron compatible





C-Line Corporate touch display – Windows

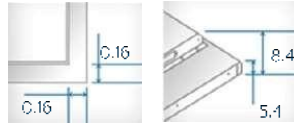


- Screen Sizes 65, 75, 86 Inch
- Panel Type Direct LED IPS
- Orientation Landscape
- Connections HDMI, DP, DVI, USB, USB-C, RJ45
- Functionality High end P-CAP touch – 10 touch points
Edge to edge glass front
Wireless Screen Sharing via network (IMD Sync)
2 x HDMI dongle for P2P

sharing

 350 cd/m2

 16h / 7 days



Extron compatible



Windows 10 Pro embedded
Interactive whiteboard
Intuitive app launcher software
Always accessible home button
Crestron compatible

Wifi embedded
Side I/O (both sides, USB & HDMI)
Source preview
1Gbit Ethernet, RS232
USB Hub
High quality speakers 2x 20W
Fully controllable Audio OUT
WAVE

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Professional
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B-Line
Business TV



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B-Line Corporate display – Business TV

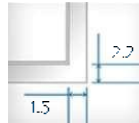
PPDS



- Screen Sizes 43, 50*, 55, 65, 70*, 75 Inch
- Panel Type Direct LED IPS, * VA
- Orientation Landscape
- Connections HDMI, USB, RJ45, RJ48
- Functionality
 - Wireless Screen Sharing
 - Chromecast built-in
 - Wifi embedded
 - RS232 w/ SXP (converter cable to DB-9)
 - DVB-T/T2/C & IPTV
 - Google PlayStore
 - Crestron Connected v2 with XiO (IP)
 - Extron/Neets IP control compatible
 - Crestron/Extron SXP drivers available
 - HDMI hotplug detection
 - Auto switch on/off
 - Scheduler
 - Screen saver
 - Customizable UI backgrounds

 350 – 400 cd/m2

 16h / 7 days



 Powered by Android™



 **CMND**
Create | Control



Extron compatible

 **SmartInfo**

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Others


The logo for MAJAR features a red square on the left containing a white letter 'M'. To the right of the square, the word 'MAJAR' is written in a bold, black, sans-serif font. Below 'MAJAR', the tagline 'YOUR TECHNOLOGY PARTNER' is written in a smaller, black, sans-serif font.
MAJAR
YOUR TECHNOLOGY PARTNER

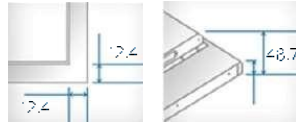
S-Line display

PPDS



 700 cd/m²

 18h / 7 days



- **Screen Sizes** 37 inch
- **Panel Type** 37 inch 1920x540 700 cd/sqm
- **Orientation** Landscape 18/7
- **Functionality** Scalar with embedded Android 8 (M96B)
HDMI input, HDMI loophrough
USB 2.0 input
RS232, Audio out, RJ45
No speakers, no fans
400x200 vesa
Buttons on back
Internal power supply

 Powered
by **Android™**


 **SmartPlayer**

CRD50

PPDS



- Specifications 6 Cores, 4GB DDR3, 64GB storage
- Orientation Landscape, Portrait
- Connections OPS, DP, USB, LAN
- Functionality USB (Plug&Play for touch)
WiFi (optional with CRD19)
Browser
Media Player
Interact enabled
Gigabit Ethernet
Android 7

 24h / 7 days

 Powered
by Android™
PPDS POWERING EVOLUTION

 CMND
Create | Control

 SmartPlayer

AIR Quality Sensor

- § Currently compatible with 10BDL4551T and xxBDL3550Q (full screen)
- § SDK for compatibility with other models and integration in Wave is coming soon
- § Demo units already shipped out to the studios
- § Bundle with wall bracket being prepared in WHS



The Sensors.

The PPDS Air Quality Monitor has 4 sensors that determine the Wellbeing Index:



Carbon dioxide (CO₂)

The levels of carbon dioxide emissions indoors are determined by human breathing. CO₂ is one of the best indicators to determine indoor air quality.

Range: from 0 to 10,000 ppm
Typical Accuracy: ± 40 ppm



Particle matter (PM_{2.5})

Range: from 0 to 1,000 µg/m³
Typical Accuracy: ± 15 µg/m³ (<100) or 15% (>100)



Temperature

Make sure the temperature is right for you, allowing you to stay energetic and focused.

Range: 0°C to 100°C / 32°F to 212°F
Typical Accuracy: ± 1°C / ± 1.8°F

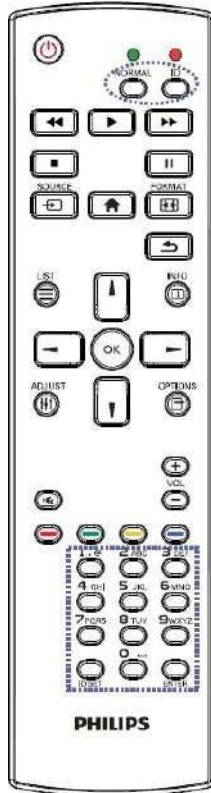


Humidity

Range: from 0 to 100%
Typical Accuracy: ± 5%



New RCU



- § First introduction with the new videowalls
- § New separate power ON and OFF buttons, perfect for daisy chain
- § New mouse emulation button, great help with some android apps
- § Backward compatible with the current and old models
- § Will be gradually introduced on all future lines
- § The old remote will still work perfectly fine with the new models as well





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PHILIPS LED Portfolio

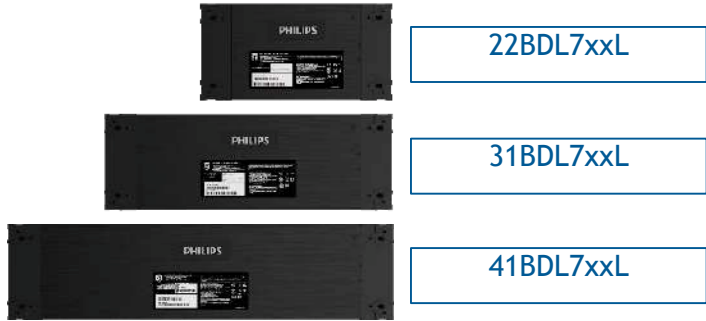
PP
DS

Professional
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7000 series

The logo for MAJAR features a red square on the left containing a white letter 'M'. To the right of the square, the word 'MAJAR' is written in a bold, black, sans-serif font. Below 'MAJAR', the tagline 'YOUR TECHNOLOGY PARTNER' is written in a smaller, black, sans-serif font.
MAJAR
YOUR TECHNOLOGY PARTNER

7000 series – focus vertical: Retail & Corporate



Screen Sizes

22 inch, 31 inch & 41 inch cabinets

Pixel pitch

1.9 to 3.9 mm

LED type

SMD copper wire (2.4 HB gold wire)

Ratio configurations
Orientation

2/3/4:1 ratio designed for non-perfect 16:9

Landscape

Functionality

Quick installation

Active Health Monitoring

Front maintenance

EMC Class A

Cable Management

Convex & Concave applications

Conformal coating (hub board & backside of LED PCB)

Fire Safety certification BS476-7, mask i.a.w. UL94

(Std. Brightness P1.9 & 2.4 include also B1 DIN 4102)

1200 nits BC brightness

(AC 900 nits)

Pixel pitch 1.9 mm, 2.4 & 3.1 mm

3500 nits BC brightness

(AC 2750 nits, 3.9 mm AC 2650 nits)

Pixel pitch 2.4 mm, 3.1 & 3.9 mm

Warranty

2 years standard factory (extension up to 5 years)

incl. 4% spare parts as a minimum



1200 ~ 3500 cd/m² BC

24h / 7 days

*BC = brightness before calibration / AC = after calibration

7000 series – Maximum flexibility

- § Different LED panels allow for maximum flexibility in screen design
- § Two different corner types:
 - § with straight corners
 - § and beveled corners to build corner or curved displays
- § Flat wall, convex and curved installations

180°

Straight corner



Beveled corner



82.5° angle bracket



85° angle bracket



87.5° angle bracket



7000 series – 3 panel sizes



1000x250mm



750x250mm



500x250mm

- Mix 3 sizes in one LED wall
- All panel combinations possible
- Including with or without beveled corners
- Alignment pins are adjustable

Dynamic Panel Connect



7000 series – brightness and pixel pitches

Standard brightness:

§ 1200 nits BC / 900 nits AC

Pixel pitches:

§ P1.9 – 900 nits AC

§ P2.4 – 900 nits AC

§ P3.1 – 900 nits AC

High brightness:

3500 nits BC / 2750 nits AC

Pixel pitches:

P2.4 – 2750 nits AC

P3.1 – 2750 nits AC

P3.9 – 2650 nits AC

*BC = before calibration / AC = after calibration (All Philips LED displays are factory calibrated)



7000 series – special features

- § Flexible solutions - many panel options to form a flat wall or any L-shape corner or curvature
 - § 3 sizes, with or without beveled corner
 - § Standard and high brightness options with pixel pitches from P1.9 up to P3.9
- § Energy efficient
 - Dynamic power saving & black screen power saving (save up to 50% on energy)
- § Active Health Monitoring
 - for piece of mind and get instant notifications if any issue
- § Easy maintenance
 - Fast and easy replacement of parts via the front of the display. Standardized parts for 7000-series (hub board, cables, power supply)
- § Easy to design and install creative LED displays
 - Cable Management, Convex & Concave applications
- § Protected and safe
 - § Protected electronics against fungus, dust, moist, induced electricity through a conformal coating (hub board PCB, back of the LED modules)
 - § Tested & certified for fire safety in accordance with BS476-7 and mask according UL94
(Std. Brightness P1.9 2.4 include in addition also B1 DIN 4102 fire safety certification)
 - § Electric safety in accordance with US FCC and EMEA EMC Class A



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8000 series

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8000 series – focus vertical: Public spaces, big canvas

PPDS

44BDL81xxL



PPDS POWERING EVOLUTION

- Screen Sizes 500 x 1000mm cabinet = 44 Inch
- Pixel pitch 2.84 mm, 3.91 mm and 4.81 mm
- LED type SMD gold wire
- Ratio 1:2 (500x1000mm cabinet, 2 pcs = 1 m²)
- Orientation Portrait
- Functionailty Easy mounting
Quick installations for bigger canvas
Front accessible
EMC Class A
Cable Management
Controlling system: Novastar
- Warranty 2 years standard factory (extension up to 5 years)
4% spare parts as a minimum



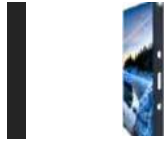
800 cd/m² (after calibration)

24h / 7 days

8000 series - Specifications

PPOS

44BDL81xxL



44BDL8128L



44BDL8139L



44BDL8148L

Screen Sizes	44 inch	44 inch	44 inch
Pixel Pitch (mm)	2.84 mm	3.91 mm	4.81 mm
Pixel cabinet	176x352	128x256	104x208
Pixel module	88x88	64x64	52x52
Brightness (after calibration)	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast (typical)	3000:1	3000:1	3000:1
LED package type	SMD gold wire	SMD gold wire	SMD gold wire
Refresh rate	> 1920 Hz	> 1920 Hz	> 1920 Hz
Power consumption (typical)	87 W	80 W	73 W
Power consumption (max)	< 260 W	< 240 W	< 220 W
BTU/Hrs (m2)	1.773	1.673	1.500
EMC (CE/FCC)	Class A	Class A	Class A

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9000 series

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9000 series – focus vertical: Corporate, 16:9/32:9

PPDS

27BDL9xxxL



PPDS POWERING EVOLUTION

- Cabinet/ screen size 608 x 342 x 55 mm = 27.5 inch (16:9)
- Pixel pitch 1.266 mm, 1.583 mm and 1.9 mm
- LED type SMD gold & Copper wire in 1.583 mm
- Ratio 16:9 (2x2 = 55 inch)
- Functionality
 - Easy mounting/ smart locker
 - Thin design
 - Front accessible
 - EMC Class B (P1.5 Copper wire also fire safety BS476-7)
- Warranty
 - Cable Management
 - Controlling system: Novastar
 - Gold wire: 3 years (extension up to 5 years)
 - Copper wire: 2 years (extension up to 5 years)
 - 4% spare parts as a minimum



800 cd/m² (after calibration)

24h / 7 days

7000 series – Specifications



27BDL91xxL



Scalable in any 16:9 size

	27BDL9015L	27BDL9112L	27BDL9115L	27BDL9119L
Product cabinet	27BDL9015L	27BDL9112L	27BDL9115L	27BDL9119L
Screen Sizes	27,5	27,5	27,5	27,5
Pixel Pitch (mm)	1.583 mm	1.266 mm	1.583 mm	1.9 mm
Pixel cabinet	384x216	480x270	384x216	320x180
Pixel module	96x108	120x135	96x108	80x90
Brightness (after calibration)	650 cd/m ²	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast (typical)	3000:1	3000:1	3000:1	3000:1
LED package type	SMD copper wire	SMD gold wire	SMD gold wire	SMD gold wire
Refresh rate	1920~3840Hz	1920~3840Hz	1920~3840Hz	1920~3840Hz
Power consumption (typical)	53 W	54 W	53 W	36 W
Power consumption (max)	< 160 W	< 180 W	< 180 W	< 110 W
BTU/Hrs (m2)	2.624	2.624	2.624	1.804
EMC (CE/FCC)	Class B	Class B	Class B	Class B
Factory Warranty	2 years	3 years	3 years	3 years
Lifespan	100.000hrs	100.000hrs	100.000hrs	100.000hrs

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6000 series

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6000 series

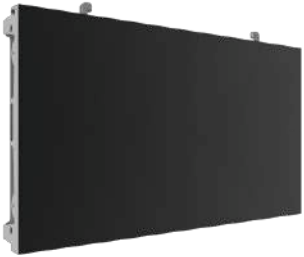
PPDS



6000 series – focus vertical: Corporate, 16:9/32:9

PPDS

27BDL61xxL



PPDS POWERING EVOLUTION

- Cabinet/ screen size 608 x 342 x 55 mm = 27.5 inch (16:9)
- Pixel pitch 1.266 mm, 1.583 mm and 1.9 mm
- LED type SMD Copper wire
- Ratio 16:9 (2x2 = 55 inch)
- Functionality
 - Easy mounting/ smart locking mechanism
 - Thin design
 - Front accessible
 - EMC Class A, Fire safety certified BS476-7 class 1
 - Cable Management
 - Controlling system: Novastar
- Warranty
 - Copper wire: 2 years (extension up to 5 years)
 - 4% spare parts as a minimum



650 cd/m² (after calibration)

24h / 7 days

6000 series – Specifications



27BDL61xxL

Product CTN	27BDL9112L	27BDL9115L	27BDL9119L
Screen Sizes	27,5	27,5	27,5
Pixel Pitch (mm)	1.266 mm	1.583 mm	1.9 mm
Pixel cabinet	480x270	384x216	320x180
Pixel module	240x135	192x108	160x90
Brightness (AC) (=after calibration)	650 cd/m ²	650 cd/m ²	650
cd/m ² Contrast (typical)	4200:1	3800:1	
3200:1			
LED package type	SMD copper wire	SMD copper wire	SMD copper wire
Refresh rate	1920~3840 Hz	1920~3840 Hz	1920~3840 Hz
Power consumption (typical AC)	48.4 W	41.4 W	21.7 W
Power consumption (max BC)	< 168 W	< 168 W	< 76 W
BTU/M2 (BC)	2.379	2.034	1.066
EMC (CE/FCC)	Class A	Class A	Class A
Fire Safety certification	BS476-7, class 1	BS476-7, class 1	BS476-7, class 1
Factory Warranty	2 years	2 years	2 years
Lifespan (half brightness)	100.000 hrs	100.000 hrs	100.000
hrs Full HD (1920x1080) configuration	4x4	5x5	6x6

Scalable in any 16:9 size



6000 series – special features

- § Introduction 6000-series value solution with 27" native 16:9 LED panels
- § Corporate market focus, i.e. meetingroom, auditorium
- § What makes this product different?
 - § Easy installation and compatible with 3rd part current wall mount solutions developed for 9000-series
 - § Power saving features; dynamic power saving & black screen power saving
 - § High refresh rates 1920~3840Hz
 - § Fire safety certification BS476-7, class 1
 - § Optimal heat dissipation by use of metal back cover (instead of plastic as more competitors do in this segment)
- § Optimal tightening of LED panels together, preventing seams
 - (by tightening LED panels together with hook locking mechanism as several Chinese competitors do)
- § Optional accessories: modular edge finish trim, wall mount kit, back cable cover plates (for use on wall mount)
- § Product launch at ISE 2022, Barcelona, Spain
- § Expected availability from stock in European warehouse, June 2022



27BDLxx15 P1.5 – specs differentiation 6000/9000

Inhouse 6000-series Copper

- § 27BDL6115L/00
- § Copper wire SMD LED
- § 4 modules
- § Brightness:
 - § Before calibration: ≥ 750 nits
 - § After calibration: ≥ 650 nits
- § EMC Class A, Fire safety BS476-7, class 1
- § Black screen & Dynamic power saving
- § Warranty: 2 years PUR



PPDS POWERING EVOLUTION

Outsourced 9000-series Copper

- § 27BDL9015L/00
- § Copper wire SMD LED
- § 8 modules
- § Brightness:
 - § Before calibration: ≥ 750 nits
 - § After calibration: ≥ 650 nits
- § EMC Class B, Fire safety BS476-7, class 2
- § Warranty: 2 years PUR



Outsourced 9000-series **Gold**

- § 27BDL9115L/00
- § Gold wire SMD LED
- § 8 modules
- § Brightness:
 - § Before calibration: ≥ 900 nits
 - § After calibration: ≥ 800 nits
- § EMC Class B
- § Warranty: 3 years PUR



All warranty can be extended up to 5 years.

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**PHILIPS
PRO TV**

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2022 Hospitality Range

PPDS

- 19
- 24
- 32
- 43
- 50
- 55
- 58
- 65
- 75

MediaSuite 6214U

New series



MediaSuite 5214U



MediaSuite 5214W



MediaSuite 5114



PrimeSuite 4014



EasySuite 3014



MediaSuite 5214U series

PPDS

350 nit, 4K UHD

New size: 55"

Virtual Bezel-free design – Black lower bezel

Wallmount optimized



MediaSuite 6214U series

PPDS

- 400 nit, 4K UHD
- New size: 58"
- Virtual Bezel-free design
- Full metal bezel
- Anthracite colour
- Wallmount optimized
- Premium Hygienic RC
- ! No table stand



Hygienic Remote Control

PPDS

22AV2226A/00 Premium Hygienic RC

Google Assistant Microphone (BT)
Netflix - Chromecast - SmartInfo – Youtube

22AV2204A/00 Hygienic RC

IR only
Compatible with ES-PS-MS

Save staff interventions with
super long battery life (up to
5Y)



Accessory table stands

	ASFX600/00W	ASSW600/00W
Screen size range	32" – 75"	32" – 58"
Max VESA	600x400	400x300
Swivel	No	Yes (+/- 25°)
Height adjustment	Yes	Yes
Anti-tip prevention	Yes, via furniture	Yes, via furniture
Glass size	600x280 mm	430x265 mm
Max weight	40 kg	30 kg

Attaches to the VESA interface
Fits on any series: EasySuite – PrimeSuite –
MediaSuite
To be sold and used ONLY with PHILIPS displays



EasySuite 3014

PPDS



Competitive edge:

- Philips picture quality world-renowned
- Budget-friendly central controlled
- MyChoice revenues low TCO
- Welcome page that's easy to program.

Basic Hotel TV PLUS:

- + MyChoice 2.0 (Remote activation of TV , 1 & 3 hour activation)
- + CMND & control (RF).
- + Premises name, Custom logo & UI background
- + Drawer UI
- + Detachable mains cord
- + Media Channel (sent by CMND server)

Target:

- Hospitality, Healthcare , Elderly care centers,

Platform: Linux



24"

32"

43"

PrimeSuite 4014

PPDS



CMND
& CREATE



CMND
& CONTROL



IPTVChannels



Integratedsystem



Serial Xpress
Protocol
LAST



MyChoice

Key functionality versus 3014:

- + **IPTV channels:** TV channels over LAN (no server or extra SW required)
- + **Full & instant management:** CMND over LAN
- + CMND (Control & Create) over RF & IP
- + **YouTube:** Play movies and music from YouTube
- + **HTML Custom Dashboard:** For fast system configuration
- + **Customization:** Premises name - logo
- + **MyChoice:** Pay-per-view
- (No WiFi)

Target: Healthcare, Hotels, Cruise ships,.. with IP LAN infra.

Platform: Linux

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