

Professional Display Solutions

S Line

37BDL3050S



User Manual (English)

www.philips.com/welcome

Table Of Contents

1.	Safety	y Instructionsiii
2.	Unpa 2.1. 2.2. 2.3. 2.4. 2.5. 2.6. 2.7.	cking and Installationxi Unpackingxi Package Contentsxi Unpacking Notesxi Installation Notes2 Mounting on a Wall2 Required space for ventilation2 Mounting in Portrait Orientation3
3.	3.1. 3.2.	and Functions
	3.3. 3.4.	Remote Control
4.	4.1.	ecting External Equipment
	4.2. 4.3.	Connecting a PC13 Connecting Multiple Displays in a Daisy- chain Configuration
	4.4. 4.5. 4.6.	IR connection
5.	Opera 5.1. 5.2.	ation
6.	Settin 6.1.	ng UI
7.	OSD N 7.1. 7.2.	Venu28 Navigating the OSD Menu28 OSD Menu Overview28
8.	Input	Mode
9.	Pixel 9.1. 9.2. 9.3. 9.4. 9.5. 9.6. 9.7.	Defect Policy

10.	Cleaning and Troubleshooting	37	
	10.1. Cleaning	37	
	10.2. Troubleshooting	38	
11.	Technical Specifications	39	
Warranty policy for Philips Professional Display Solutions4			
Inde	ex	43	

1. Safety Instructions

Safety precautions and maintenance



WARNING: Use of controls, adjustments or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards and/or mechanical hazards.

Read and follow these instructions when connecting and using your display:

Operation:

- Keep the display out of direct sunlight and away from stoves or any other heat sources.
- Keep the display away from oil, otherwise the plastic cover may be damaged.
- It is recommended to set the display up in the well-ventilated place.
- Ultra-violet ray filter is necessary of outdoor operation.
- If the product will be used in extreme conditions such as high temperature, humidity, display patterns or operation time etc... It is strongly recommended to contact Philips for Application engineering advice. Otherwise, its reliability and function may not be guaranteed. Extreme conditions are commonly found at Airports, Transit Stations, Banks, Stock market, and Controlling systems.
- Remove any object that could fall into ventilation holes or prevent proper cooling of the display's electronics.
- Do not block the ventilation holes on the cabinet.
- When positioning the display, make sure the power plug and outlet are easily accessible.
- When turning off the display by detaching the power cord, wait 6 seconds before re-attaching the power cord for normal operation.
- Ensure the use of an approved power cord provided by Philips at all times. If your power cord is missing, please contact your local service center.
- Do not subject the display to severe vibration or high impact conditions during operation.
- Do not knock or drop the display during operation or transportation.
- The eye bolt is for usage in short-time maintenance and installation. We suggest not to use the eye bolt for more than 1 hour. Prolong usage is prohibited. Please keep a clear safety area under the display while using the eye bolt.

Maintenance:

- To protect your display from possible damage, do not put excessive pressure on the LCD panel. When moving your display, grasp the frame to lift; do not lift the display by placing your hand or fingers on the LCD panel.
- Unplug the display if you are not going to use it for an extensive period of time.
- Unplug the display if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use organic solvent, such as, alcohol, or ammonia-based liquids to clean your display.
- To avoid the risk of shock or permanent damage to the set, do not expose the display to dust, rain, water or an excessively moist environment.
- If your display becomes wet, wipe it with dry cloth as soon as possible.
- If a foreign substance or water gets in your display, turn the power off immediately and disconnect the power cord. Then remove the foreign substance or water, and send the unit to the maintenance center.
- Do not store or use the display in locations exposed to heat, direct sunlight or extreme cold.
- In order to maintain the best performance of your display and ensure a longer lifetime, we strongly recommend using the display in a location that falls within the following temperature and humidity ranges.

Environmental absolute ratings

Item	Min.	Max.	Unit	
Storage temperature	-20	65	°C	
Operation temperature	0	40	°C	
Glass Surface temperature (Operation)	0	65	°C	
Storage humidity	5	90	% RH	
Operating humidity	20	80	% RH	

- LCD panel temperature need to be 25 degrees Celsius at all time for better luminance performance.
- Only the lifetime of the display stated in this specification is guaranteed if the display is used under the proper operation conditions.

IMPORTANT: Always activate a moving screen saver program when you leave your display unattended. Always activate a periodic screen refresh application if the unit will display unchanging static content. Uninterrupted display of still or static images over an extended period may cause "burn in", also known as "after-imaging" or "ghost imaging", on your screen. This is a well-known phenomenon in LCD panel technology. In most cases, the "burned in" or "after-imaging" or "ghost imaging" will disappear gradually over a period of time after the power has been switched off.

WARNING: Severe "burn-in" or "after-image" or "ghost image" symptoms will not disappear and cannot be repaired. This is also not covered under the terms of your warranty.

Service:

- The casing cover should be opened only by qualified service personnel.
- If there is any need for repair or integration, please contact your local service center.
- Do not leave your display under direct sunlight.



If your display does not operate normally, having followed the instructions set out in this document, please contact a technician or your local service center.

Stability Hazard.

The device may fall, causing serious personal injury or death. To prevent injury, this device must be securely attached to the floor/ wall in accordance with the installation instructions.

Read and follow these instructions when connecting and using your display:

- Unplug the display if you are not going to use it for an extensive period of time.
- Unplug the display if you need to clean it with a slightly damp cloth. The screen many be wiped with a dry cloth when the power is off. However, never use alcohol, solvents or ammonia-based liquids.
- Consult a service technician if the display does not operate normally when you have followed the instructions in this manual.
- The casing cover should be opened only by qualified service personnel.
- Keep the display out of direct sunlight and away from stoves or any other heat sources.
- Remove any object that could fall into the vents or prevent proper cooling of the display's electronics.
- Do not block the ventilation holes on the cabinet.
- Keep the display dry. To avoid electric shock, do not expose it to rain or excessive moisture.
- When turning off the display by detaching the power cable or DC power cord, wait for 6 seconds before reattaching the power cable or DC power cord for normal operation..
- To avoid the risk of shock or permanent damage to the set do not expose the display to rain or excessive moisture.
- When positioning the display, make sure the power plug and outlet are easily accessible.
- IMPORTANT: Always activate a screen saver program during your application. If a still image in high contrast remains on the screen for an extended period of time, it may leave an 'after-image' or 'ghost image' on the front of the screen. This is a well-known phenomenon that is caused by the shortcomings inherent in LCD technology. In most cases the afterimage will disappear gradually over a period of time after the power has been switched off. Be aware that the after-image symptom cannot be repaired and is not covered under warranty.
- If provided with a 3-pin attachment plug on the power cord, plug the cord into a grounded (earthed) 3-pin outlet. Do not disable the power cord grounding pin, for example, by attaching a 2-pin adapter. The grounding pin is an important safety feature.

EU Declaration of Conformity

This device complies with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2014/30/EU), Low-voltage Directive (2014/35/EU), RoHS directive (2011/65/EU).

This product has been tested and found to comply with the harmonized standards for Information Technology Equipment, these harmonized standards published under Directives of Official Journal of the European Union.

ESD Warnings

When user close to the monitor may cause the equipment discharge and reboot to the display of main menu while USB media is playing.

Warning:

This equipment is compliant with Class A of EN55032/CISPR 32. In a residential environment this equipment may cause radio

interference.

Federal Communications Commission (FCC) Notice (U.S. Only)



NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only an RF shielded cable that was supplied with the display when connecting this display to a computer device. To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Envision Peripherals Inc. 490 N McCarthy Blvd, Suite #120 Milpitas, CA 95035 USA

Polish Center for Testing and Certification Notice

The equipment should draw power from a socket with an attached protection circuit (a three-prong socket). All equipment that works together (computer, display, printer, and so on) should have the same power supply source.

The phasing conductor of the room's electrical installation should have a reserve short-circuit protection device in the form of a fuse with a nominal value no larger than 16 amperes (A).

To completely switch off the equipment, the power supply cable must be removed from the power supply socket, which should be located near the equipment and easily accessible.

A protection mark "B" confirms that the equipment is in compliance with the protection usage requirements of standards PN-93/ T-42107 and PN-89/E-06251.

Wymagania Polskiego Centrum Badań i Certyfikacji

Urządzenie powinno być zasilane z gniazda z przyłączonym obwodem ochronnym (gniazdo z kołkiem). Współpracujące ze sobą urządzenia (komputer, monitor, drukarka) powinny być zasilane z tego samego źródła.

Instalacja elektryczna pomieszczenia powinna zawierać w przewodzie fazowym rezerwową ochronę przed zwarciami, w postaci bezpiecznika o wartości znamionowej nie większej niż 16A (amperów).

W celu całkowitego wyłączenia urządzenia z sieci zasilania, należy wyjąć wtyczkę kabla zasilającego z gniazdka, które powinno znajdować się w pobliżu urządzenia i być łatwo dostępne.

Znak bezpieczeństwa "B" potwierdza zgodność urządzenia z wymaganiami bezpieczeństwa użytkowania zawartymi w PN-93/T-42107 i PN-89/E-06251.

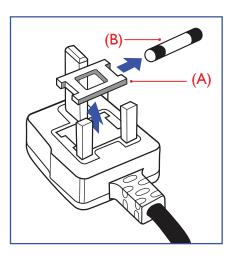
Pozostałe instrukcje bezpieczeństwa

- Nie należy używać wtyczek adapterowych lub usuwać kołka obwodu ochronnego z wtyczki. Jeżeli konieczne jest użycie przedłużacza to należy użyć przedłużacza 3-żyłowego z prawidłowo połączonym przewodem ochronnym.
- System komputerowy należy zabezpieczyć przed nagłymi, chwilowymi wzrostami lub spadkami napięcia, używając eliminatora przepięć, urządzenia dopasowującego lub bezzakłóceniowego źródła zasilania.
- Należy upewnić się, aby nic nie leżało na kablach systemu komputerowego, oraz aby kable nie były umieszczone w miejscu, gdzie można byłoby na nie nadeptywać lub potykać się o nie.
- Nie należy rozlewać napojów ani innych płynów na system komputerowy.
- Nie należy wpychać żadnych przedmiotów do otworów systemu komputerowego, gdyż może to spowodować pożar lub porażenie prądem, poprzez zwarcie elementów wewnętrznych.
- System komputerowy powinien znajdować się z dala od grzejników i źródeł ciepła. Ponadto, nie należy blokować otworów wentylacyjnych. Należy unikać kładzenia lużnych papierów pod komputer oraz umieszczania komputera w ciasnym miejscu bez możliwości cyrkulacji powietrza wokół niego.

Electric, Magnetic and Electromagnetic Fields ("EMF")

- 1. We manufacture and sell many products targeted at consumers, which, like any electronic apparatus, in general have the ability to emit and receive electromagnetic signals.
- 2. One of our leading Business Principles is to take all necessary health and safety measures for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.
- 3. We are committed to develop, produce and market products that cause no adverse health effects.
- 4. We confirm that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
- 5. We play an active role in the development of international EMF and safety standards, enabling us to anticipate further developments in standardization for early integration in its products.

Information for U.K. only



WARNING - THIS APPLIANCE MUST BE EARTHED.

Important:

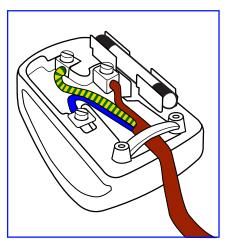
This apparatus is supplied with an approved moulded 13 A plug. To change a fuse in this type of plug proceed as follows:+

- 1. Remove fuse cover and fuse.
- 2. Fit new fuse which should be a BS 1362 5A , A.S.T.A. or BSI approved type.
- 3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate 3-pin plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 A.

NOTE: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 A socket elsewhere.



How to connect a plug

The wires in the mains lead are coloured in accordance with the following code: BLUE - "NEUTRAL" ("N")

BROWN - "LIVE" ("L")

GREEN & YELLOW - "EARTH" ("E")

- 1. The GREEN & YELLOW wire must be connected to the terminal in the plug which is marked with the letter "E" or by the Earth symbol or coloured GREEN or GREEN & YELLOW.
- 2. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
- 3. The BROWN wire must be connected to the terminal which marked with the letter "L" or coloured RED.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the three wires.

North Europe (Nordic Countries) Information

Placering/Ventilation

VARNING:

FÖRSÄKRA DIG OM ATT HUVUDBRYTARE OCH UTTAG ÄR LÄTÅTKOMLIGA, NÄR DU STÄLLER DIN UTRUSTNING PÅPLATS.

Placering/Ventilation

ADVARSEL:

SØRG VED PLACERINGEN FOR, AT NETLEDNINGENS STIK OG STIKKONTAKT ER NEMT TILGÆNGELIGE.

Paikka/Ilmankierto

VAROITUS:

SIJOITA LAITE SITEN, ETTÄ VERKKOJOHTO VOIDAAN TARVITTAESSA HELPOSTI IRROTTAA PISTORASIASTA.

Plassering/Ventilasjon

ADVARSEL:

NÅR DETTE UTSTYRET PLASSERES, MÅ DU PASSE PÅ AT KONTAKTENE FOR STØMTILFØRSEL ER LETTE Å NÅ.

China RoHS

根据中国大陆《电器电子产品有害物质限制使用管理办法》,以下部分列出了本产品中可能包含的有害 物质的名称和含量。

	有害物质					
部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
外壳	0	0	0	0	0	0
液晶显示屏	Х	0	0	0	0	0
电路板组件*	Х	0	0	0	0	0
电源适配器	Х	0	0	0	0	0
电源线/连接线	Х	0	0	0	0	0
遥控器	Х	0	0	0	0	0

本表格依据SJ/T 11364 的规定编制。

*: 电路板组件包括印刷电路板及其构成的零部件,如电阻、电容、集成电路、连接器等。

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。

上表中打 "X" 的部件, 应功能需要, 部分有害物质含量超出GB/T 26572规定的限量要求, 但符合欧盟 RoHS法规要求 (属于豁免部分)。

备注: 上表仅做为范例, 实际标示时应依照各产品的实际部件及所含有害物质进行标示。



环保使用期限

此标识指期限(十年),电子电气产品中含有的有害物质在正常使用的条件下不会发生外泄或突变,电 子电气产品用户使用该电子电气产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限。

《废弃电器电子产品回收处理管理条例》提示性说明

为了更好地关爱及保护地球,当用户不再需要此产品或产品寿命终止时,请遵守国家废弃电器电子产品 回收处理相关法律法规,将其交给当地具有国家认可的回收处理资质的厂商进行回收处理,不当利用或 者处置可能会对环境和人类健康造成影响。

警告

此为 A 级产品。在生活环境中,该产品可能会造成无线电干扰。在这种情况下,可能需要用户对 干扰采取切实可行的措施。

警語: 使用過度恐傷害視力。 注意事項:

/工总争供 ·

(1) 使用30分鐘請休息10分鐘。

(2) 未滿2歲幼兒不看螢幕,2歲以上每天看螢幕不要超過1小時。

警告使用者:

此為甲類資訊技術設備,於居住環境中使用時,可能會造成射頻擾動,在此種情況下,使用者會被 要求採取某些適當的對策。

Turkey RoHS:

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

Ukraine RoHS:

Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1057

End-of-Life Disposal

Your new Public Information Display contains materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount to be disposed of.

Please find out about the local regulations on how to dispose of your old display from your local Philips dealer.

(For customers in Canada and U.S.A.)

This product may contain lead and/or mercury. Dispose of in accordance to local-state and federal regulations. For additional information on recycling contact www.eia.org (Consumer Education Initiative)

Waste Electrical and Electronic Equipment-WEEE

Attention users in European Union private households



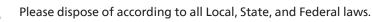
This marking on the product or on its packaging illustrates that, under European Directive 2012/19/EU governing used electrical and electronic appliances, this product may not be disposed of with normal household waste. You are responsible for disposal of this equipment through a designated waste electrical and electronic equipment collection. To determine the locations for dropping off such waste electrical and electronic, contact your local government office, the waste disposal organization that serves your household or the store at which you purchased the product.

Attention users in United States:

Please dispose of according to all Local, State and Federal Laws. For the disposal or recycling information, contact: www. mygreenelectronics.com or www.eiae.org.

End of Life Directives-Recycling

Your new Public Information Display contains several materials that can be recycled for new users.



Restriction on Hazardous Substances statement (India)

This product complies with the "E-Waste (Management) Rules, 2016" CHAPTER V, rule 16, sub-rule (1). Whereas New Electrical and Electronic Equipment and their components or consumables or parts or spares do not contain Lead, Mercury, Cadmium, Hexavalent Chromium, polybrominated biphenyls and polybrominated diphenyl ethers beyond a maximum concentration value of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers and of 0.01% by weight in homogenous materials for cadmium. except of exemptions set in Schedule 2 of the Rule.

E-Waste Declaration for India



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about E -waste please visit <u>http://www.india.philips.com/about/sustainability/recycling/index.page</u> and to know where you can drop off your waste equipment for recycling in India please contact on below given contact details.

Helpline number: 1800-425-6396 (Monday to Saturday, 9 a.m. to 5:30 pm)

E-mail: india.callcentre@tpv-tech.com

Batteries



For EU: The crossed-out wheeled bin implies that used batteries should not be put to the general household waste! There is a separate collection system for used batteries, to allow proper treatment and recycling in accordance with legislation.

Please contact your local authority for details on the collection and recycling schemes.

For Switzerland: The used battery is to be returned to the selling point.

For other non-EU countries: Please contact your local authority for correct method of disposal of the used battery. According to EU directive 2006/66/EC, the battery can't be disposed improperly. The battery shall be separated to collect by local service.



Após o uso, as pilhas e/ou baterias deverão ser entregues ao estabelecimento comercial ou rede de assistência técnica autorizada.

Information for EAC	EAL
Month and year of manufacturing	please refer information in Rating label.
Name and location of manufacturer	ООО "Профтехника" Адрес: З-й Проезд Марьиной рощи, 40/1 офис 1. Москва, 127018, Россия
Importer and information	Наименование организации: ООО "Профтехника" Адрес: 3-й Проезд Марьиной рощи, 40/1 офис 1. Москва, 127018, Россия Контактное лицо: Наталья Астафьева, +7 495 640 20 20 <u>nat@profdisplays.ru</u>

2. Unpacking and Installation

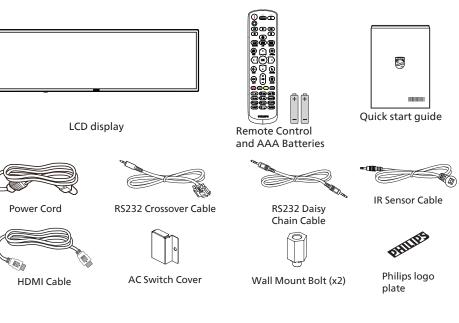
2.1. Unpacking

- This product is packed in a carton, together with the standard accessories.
- Any other optional accessories will be packed separately.
- As this product is high and heavy, the operation of moving the device is recommended to be performed by two technicians.
- After opening the carton, ensure that the contents are complete and in good condition.

2.2. Package Contents

Please verify that you received the following items with your package content:

- LCD display
- Remote control with AAA batteries
- Quick start guide
- Power cord
- RS232 cable
- RS232 daisy chain cable
- IR sensor cable
- HDMI cable
- AC Switch Cover x1
- Wall mount Bolt x2
- Philips logo plate



- * Differences according to regions.
- * Display design and accessories may differ from those illustrated above.

NOTES:

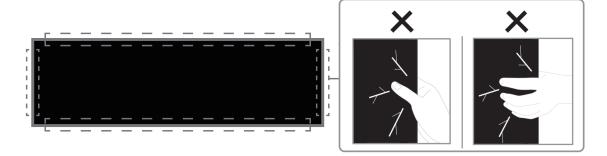
- For all other regions, apply a power cord that conforms to the AC voltage of the power socket and has been approved by and complies with the safety regulations of the particular country.
- Keep the packaging box and all packaging materials appropriately for use in the future.

2.3. Unpacking Notes

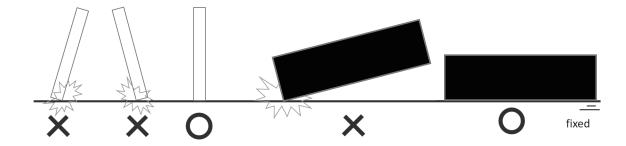
- Before unpacking:
- Please read and fully understand this document before installation.
- Make sure no serious damages to the packaging.
- Please do necessary inspection before taking out the display.
- Installation should only be performed by professional technicians.
- One hexagon socket and screw driver are required to complete the installation.



- Do not grasp the metal frame of the display when moving it.

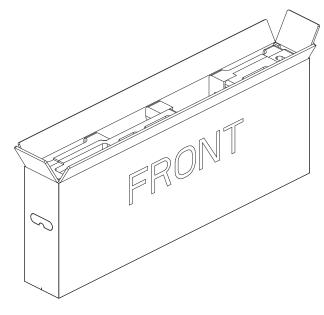


- Place the display vertically and its weight should spread evenly on the surface.

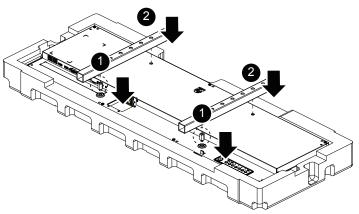


- Always let the display on the cushion before mounting it to the wall.

Step1: Open the box and take out the accessories.



- Step3:
- Install the Wall Mount Bolt to the wall mount holes by using the hexagon socket.
- Plug all input/output cables.
- Install the wall mount brackets. (optional)

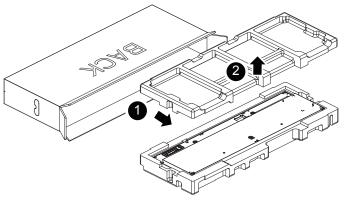


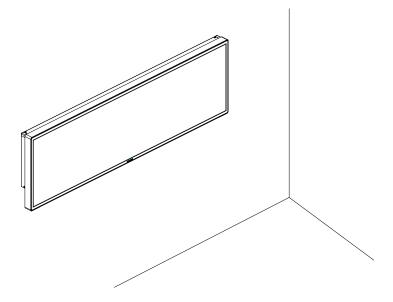
Step4: Mounting the display to the wall.

- Step2:

_

- Lay the front side of the box down on a stable surface.
- Take out the display along with the cushion.
- Remove the back cushion.



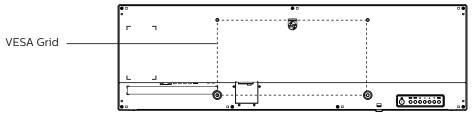


2.4. Installation Notes

- Only use the power cable provided with this product. If an extension cord is required, please consult your service agent.
- The product should be installed on a flat surface, or the product may tip over. Leave a space between the rear of the product and the wall for proper ventilation. Do not install the product in a kitchen, bathroom or a place exposed to moisture, failure to do so may shorten the life of the internal parts.
- Do not install the product where it is 3000 m and higher in altitude. Failure to do so may result in malfunctions.

2.5. Mounting on a Wall

To mount this display on a wall, a standard wall-mounting kit (commercially available) is required. It is recommended that you use a mounting interface that complies with TUV-GS and /or UL1678 standard in North America.



- 1. Ensure that you have all accessories necessary for any type of mounting (wall-mounting, ceiling mounting etc).
- 2. Follow the instructions that come with the base mounting kit. Failure to follow correct mounting procedures could result in damage to the equipment or injury to the user or installer. Product warranty does not cover damage caused by improper installation.
- 3. For the wall-mounting kit, use M4 mounting screws (with a length 10 mm longer than the thickness of the mounting bracket) and tighten them securely.

2.5.1. VESA Grid

37BDL3050S	400(H) x 200(V) mm
------------	--------------------

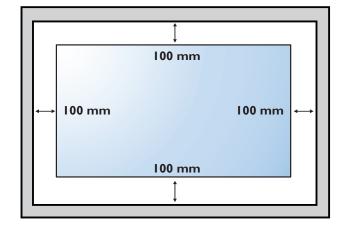
Caution:

To prevent the display from falling:

- For wall or ceiling mounting, we recommend that you install the display with metal brackets which are commercially available. For detailed instructions about the installation, refer to the guide that come with the bracket.
- To prevent the display from falling in case of earthquake or other natural disaster, please contact the manufacturer of the bracket for the mounting location.

2.6. Required space for ventilation

Leave a space of 100 mm at the top, rear, right and left for ventilation.

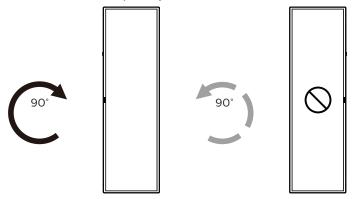


2.7. Mounting in Portrait Orientation

This display can be installed in portrait orientation.

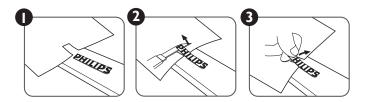
Rotate the display 90 degrees clockwise. The "PHILIPS" logo should be on the left side when facing the display.

NOTE: The working hour in portrait mode is 24 hours per day.



2.7.1. How to remove the logo plate

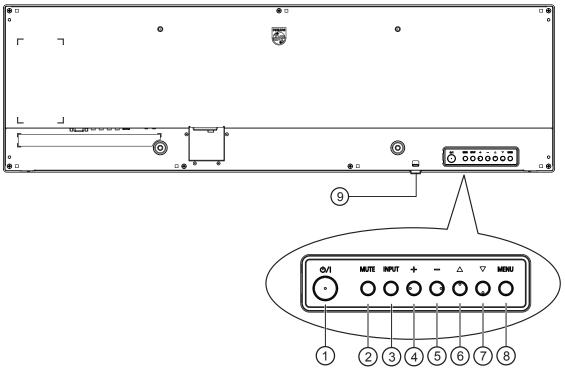
- 1. Prepare a piece of paper with a cutting area of logo as a protector to prevent the front bezel from scratching.
- 2. Use a knife and carefully remove the logo sticker with the paper placing beneath.
- 3. Tear off the logo sticker.



NOTE: We recommend you contact a professional technician when installing the display on a wall. We are not responsible for any damage to the product if the installation is not performed by a professional technician.

3. Parts and Functions

3.1. Control Panel



① [小] button

Press this button to turn the display On or turn the display to standby mode.

2 [MUTE] button

Press this button to mute the sound or reactivate sound.

③ [INPUT] button

Choose the input source.

Confirm a selection in the OSD menu.

④ [+] button

Increase the adjustment while OSD menu is on, or increase the audio output level while OSD menu is off.

5 [—] button

Decrease the adjustment while OSD menu is on, or decrease the audio output level while OSD menu is off.

⑥ [▲] button

Move the selected item one level up while the OSD menu is On.

⑦ **[▼]** button

Move the selected item one level down while the OSD menu is On.

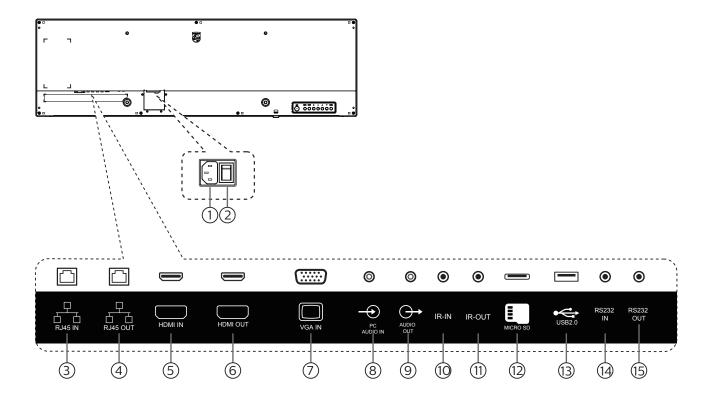
⑧ [MENU] button

Return to the previous menu while the OSD menu is On. This button can also be used to activate the OSD menu when the OSD menu is Off.

(9) Remote control sensor and power status indicator

- Receives command signals from the remote control.
- Indicates the operating status of the display:
 - Lights green when the display is turned on.
 - Lights red when the display is in standby mode.
 - Lights amber when the display enters APM mode.
 - When {SCHEDULE} is enabled, the light blinks green and red.
 - If the light blinks red, it indicates that a failure has been detected.
 - Lights off when the main power of the display is turned off.

3.2. Input/Output Terminals



1 AC IN

AC power input from the wall outlet.

② MAIN POWER SWITCH

Switch the main power between On and Off.

③ RJ-45 IN

LAN control function for the use of remote control signal from control center.

④ RJ-45 OUT

LAN control function for the use of remote control signal from control center.

5 HDMI IN

HDMI video/audio input.

6 HDMI OUT

HDMI video/audio output.

7 VGA IN (D-Sub)

VGA video input.

8 PC AUDIO IN

Audio input for VGA source (3.5 mm stereo phone).

In the second second

Audio output to external AV device.

10 IR IN / 11 IR OUT

IR signal input / output for the loop-through function.

NOTES:

- This display's remote control sensor will stop working if the jack [IR IN] is connected.
- To remotely control your A/V device via this display, refer to page 14 for IR Pass Through connection.

12 Micro SD card slot

Insert a micro SD card.

(13) USB 2.0 PORT

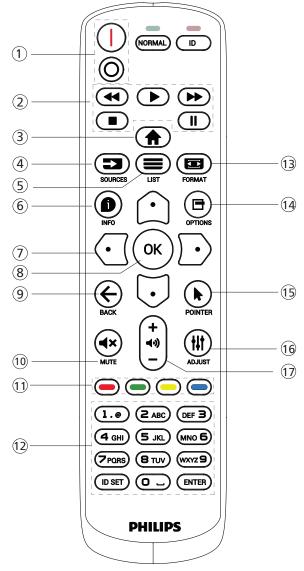
Connect your USB storage device and service port.

14 RS232 IN / 15 RS232 OUT

RS232 network input / output for the loop-through function.

3.3. Remote Control

3.3.1. General functions



() [()] POWER button

[|]Turn the power On.

[O]Turn the power Off.

2 [PLAY] buttons

Control playback of media files.(for Media Input only) Freeze feature

Pause: hotkey for freezing all inputs content. Play: hotkey for unfreezing all input content.

③ [**†**] HOME button

Root Menu: Go to the OSD of Main Menu. Others: Exit from the OSD.

(4) [] SOURCE button

Root Menu: Go to the OSD of Video source.

- (5) [≡] LIST button Reserved.
- 6 [1] INFO button

Show Information OSD.

⑦ NAVIGATION buttons

[_]

Root Menu: Go to the OSD of Smart picture. Main Menu: Move the selected item up to make adjustment.

IR Daisy Chain Menu: Increase the controlled Group ID number.

[[]]

Root Menu: Go to the OSD of Audio source.

Main Menu: Move the selected item bar down to make adjustment.

IR Daisy Chain Menu: Decrease the controlled Group ID number.

[🖸]

Main Menu: Go to the previous level of menu.

Source Menu: Exit from the source menu.

Volume Menu: Decrease the volume.

[D]

Main Menu: Go to the next level of menu or set selected option.

Source Menu: Go to the selected source.

Volume Menu: Increase the volume.

⑧ [OK] button

Root Menu: Go to the OSD of IR daisy chain in Primary/ Secondary mode.

Main Menu: Confirm an entry or selection.

⑨ [←] BACK button

Return to the previous page or exit from the previous function.

10 [IC] MUTE button

Mute or unmute the sound.

(1) [-] [-] [-] COLOR buttons

Choose a task or option. (for Media Input only)
[-] Hotkey for Window selection function.

12 [Number/ ID SET/ ENTER] button

Enter text for network setting. Press to set the display ID. Refer to 3.3.2. ID Remote Control for more details.

13 [1] FORMAT button

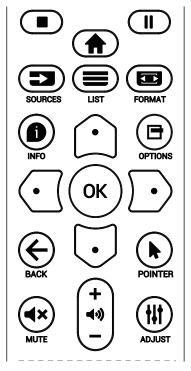
Select image zoom mode from Full, 4:3, 1:1, 16:9, 21:9 or Custom.

- [4] [] OPTIONS button Reserved.
- (5) [▶] POINTER button Mouse function for Android
- (i) [iii] ADJUST button Go to the OSD of Auto Adjust (for VGA only).
- 17 [-] [+] VOLUME button

Adjust the volume.

3.3.2. ID Remote Control

Set remote control ID number when using several displays.



Press the [ID] button and the red LED blinks twice.

 Press [ID SET] button for more than 1 second to enter the ID Mode. The red LED lights up. Press the [ID SET] button again will exit the ID Mode. The red LED lights off.

Press the digit numbers [0] ~ [9] to select the display to be controlled.

For example: press [0] and [1] for display No.1, press [1] and [1] for display No.11.

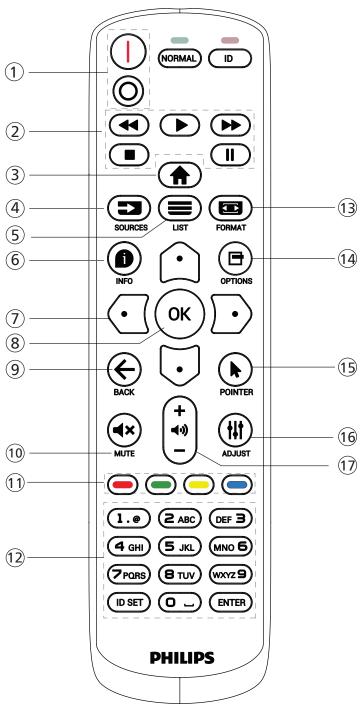
The numbers available are [01] ~ [255].

- 2. If no button is pressed within 10 seconds, it will exit from the ID mode.
- 3. If a wrong button is pressed, wait for 1 second until the red LED lights off and then turns on again, then press the correct digits.
- 4. Press [ENTER] button to confirm your selection. The red LED blinks twice and then lights off.

NOTE:

- Press [NORMAL] button. The green LED blinks twice, indicating that the display is under normal operation.
- It is necessary to set up the ID number for each display before selecting its ID number.

3.3.3. Remote Control buttons on Android source



① [/] POWER button

Turn the display On or standby mode. The button is only controlled by Scalar.

2 [PLAY] buttons

1. Control playback of media (video/audio/picture) files. There are 4 ways to play the media files.

1) File Manager

Find the media file from the File Manager and select it to play.

2) Media Player -> Compose -> edit or add a new playlist -> choose any media files -> press **button** to play the media file directly.

3) Media Player -> Play -> choose non-empty play list -> press on to play all media files from the playlist.

4) Set media playlist in Boot on Source or Schedule by OSD menu.

2. When playing a video or music file, you can press 💽

button to stop playing. If you press **b** again, playback will be started from the beginning of the file.

3. When playing a video or music file, you can press

button to pause playing.

4. All media files should be located in the folder of "philips", under the root directory of the specified storage (internal/USB/SD Card). All sub-folders (video/photo/music) are named by media types and shouldn't be changed.

videos: {root dir of storage}/philips/video/ photos: {root dir of storage}/philips/photo/ music: {root dir of storage}/philips/music/

Note that the root directories of three storages are Internal storage: /sdcard

USB storage: /mnt/usb_storage

SD card : /mnt/external_sd

③ [] HOME button

Access the OSD menu.

The button is only controlled by Scalar.

④ [➡] SOURCE button

Select an input source.

The button is only controlled by Scalar.

⑤ [■] LIST button

1. In the content of the web page, move the focus up to the next selectable items.

2. Move the focus up to the next control or widget such as buttons.

⑥ [●] INFO button

1. Display information about the current input signal. It is shown by Scalar.

2. Media Player -> Compose -> edit or add a new playlist -> choose any media files -> press to show the information of the selected media file.

⑦ NAVIGATION buttons

1. Navigate through the menus and select an item.

2. In the content of the web page, these buttons are for controlling the scroll bar of the screen. Press for \bigcirc for moving the vertical scroll bar up or down. Press \bigcirc or \bigcirc for moving the horizontal scroll bar left or right.

⑧ [OK] button

Confirm an entry or selection.

37BDL3050S

⑨ [←] BACK button

Return to the previous page or exit from the previous function.

10 [ICA INCLUSION IN THE INCLUSION INCLUSION IN THE INCLUSION INCLUSION IN THE INCLUSION INCLUSION INTERNATION INCLUSION INTERNATION INCLUSION INTERNATION INTERNATIONI

Mute or unmute the sound.

The button is only controlled by Scalar.

(1) [-] [-] [-] COLOR buttons

12 [Number/ ID SET/ ENTER] button

ID SET \bigcirc and ENTER \bigcirc are reserved on Android source. These buttons are only controlled by Scalar.

(13) [FORMAT button

Change picture format. The button is only controlled by Scalar.

(14) [[] OPTIONS button

Open the toolbox from Media Player.

1. Media Player ->Compose -> Edit or add a new playlist -> press to open a toolbox. The toolbox will slide from the left side of the screen.

(15) [*] POINTER buttons

Mouse function for Android.

16 [**|||**] ADJUST button

1. In the content of the web page, move the focus down to the next selectable items.

2. Move the focus down to the next control or widget such as buttons.

17 [-] [+] VOLUME button

Adjust volume level. The buttons are only controlled by Scalar.Reserved.

3.3.4. Inserting the batteries in the remote control

The remote control is powered by two 1.5 V AAA batteries.

To install or replace batteries:

- 1. Press and then slide the cover to open it.
- 2. Insert batteries with the correct polarity (+) and (-).
- 3. Replace the cover.

Caution:

Incorrect use of batteries may cause leakage or explosion. Be sure to follow the instructions below:

- Insert "AAA" batteries with the correct polarity (+ and -).
- Do not mix battery types.
- Do not use a new battery with a used one together. Otherwise, it may cause leakage or shorten the life of the batteries.
- Remove the dead batteries immediately to avoid battery leakage in the battery compartment. Do not touch exposed battery acid, as it may cause injury to your skin.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion; leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

NOTE: Remove the batteries from the battery compartment when not using for an extended period of time.

3.3.5. Handling the remote control

- Do not drop or apply shock to the remote control.
- Do not allow any liquid to get inside the remote control. If water has entered the remote control, wipe the remote control with a dry cloth immediately.
- Do not place the remote control near heat and steam sources.
- Do not attempt to disassemble the remote control, unless you need to place batteries in the remote control.

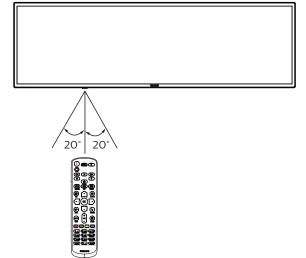
3.3.6. Operating range of the remote control

Pointing the remote control at the remote sensor on the display.

Use the remote control within 5 m from the sensor on the display at an angle of 20 degrees from the left and right.

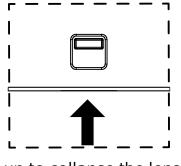
NOTE:

- The remote control may not function properly when the remote control sensor on the display is under direct sunlight or strong illumination, or when an obstacle blocks the signal transmission.
- Use an IR sensor cable for better performance of the remote control. (Refer to 4.4. IR connection for details)

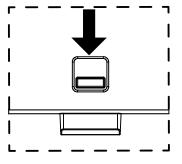


3.3.7. Using the remote sensor and power indicator

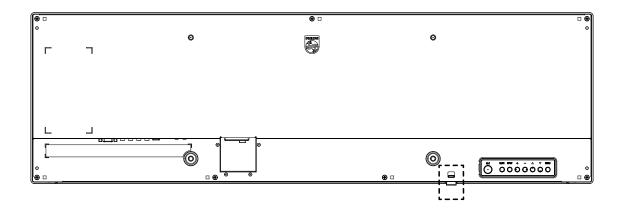
- 1. Push down the lens to have better remote control performance and make it easy to observe the power status.
- 2. Pull up the lens before mounting the display for video wall application.
- 3. Pull/push the lens until a click sound is heard.



Pull up to collapse the lens

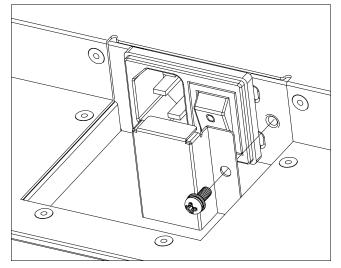


Pull down to expand the lens



3.4. AC Switch Cover

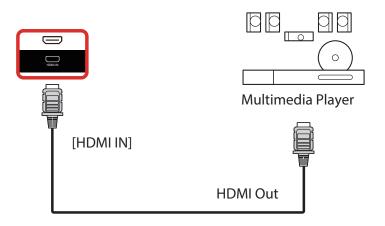
- Use AC Switch Cover to cover the AC switch.
- Fix the AC Switch Cover with the screw from accessory pack.



4. Connecting External Equipment

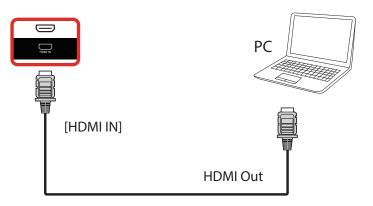
4.1. Connecting External Equipment (Multimedia Player)

4.1.1. Using HDMI video input



4.2. Connecting a PC

4.2.1. Using HDMI input

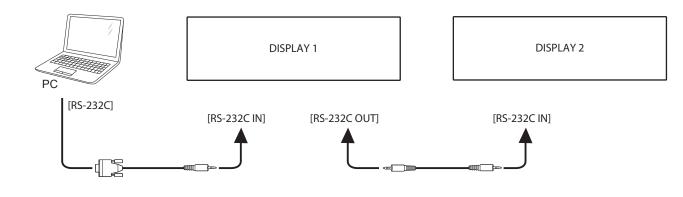


4.3. Connecting Multiple Displays in a Daisy-chain Configuration

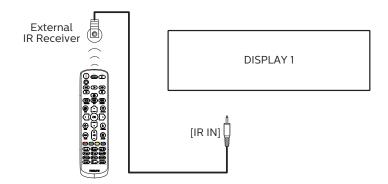
You can interconnect multiple displays to create a daisy-chain configuration for applications such as a menu board.

4.3.1. Display control connection

Connect the [RS232C OUT] connector of DISPLAY 1 to the [RS232C IN] connector of DISPLAY 2.



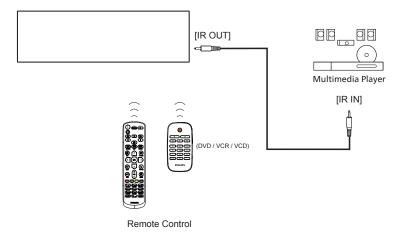
4.4. IR connection



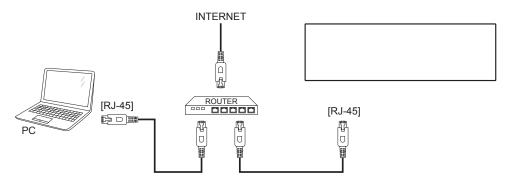
NOTE:

This display's remote control sensor will stop working if the [IR IN] is connected.

4.5. IR Pass-through Connection



4.6. Wire-connecting to Network



Network Settings:

- 1. Switch the router on and enable its DHCP setting.
- 2. Connect the router to this display with an Ethernet cable.
- 3. Press [] HOME button on the remote control, then select Setup.
- 4. Select Connect to network, then press [OK] button.
- 5. Wait until this display finds the network connection.
- 6. If the "End User License Agreement" window prompts, accept the agreement.

NOTE: Connecting with a shielded CAT-5 Ethernet cable to comply with the EMC directive.

5. Operation

NOTE: The control button described in this section is mainly on the remote control unless specified otherwise.

5.1. Watch the Connected Video Source

- 1. Press [] SOURCE button.
- Press [ⁿ] or [ⁿ] button to choose a device, then press
 [OK] button.

5.2. Overview

- 1. Admin mode:
 - You can press "Home + 1888" to enter admin mode. Please make sure you see the Home OSD menu after "Home" is pressed, and then press 1888 in sequence. Two continuous "Home" keys will not be a valid hotkey.
 - In Admin mode, you will see two icons: "Settings" and "Help".
 - When you leave from Admin mode, the system will return to last source.

Settings: go to settings app.

Help: display the QR code to link to Philips support website.

14		
Settings	ныр	

1) Settings:

•	Network & Internet
Ð	Signage Display
	Apps & notifications Permissions, default apps
0	Display
=	Storage 20% used -3.21 08 free
0	System

2) Help page:

Display the QR code to link to Philips support website.



Setting UI 6.

6.1. **Settings**

Enter PD settings by clicking "Settings" icon in Admin mode.



Setting menu consists of the following items:

- (1). Network & Internet
- (2). Signage Display
- (3). Apps & notifications
- (4). Display
- (5). Security
- (6).System

٠	Network & Internet	
₽	Signage Display	
٠	Apps Permissions, default apps	
0	Display	
ê	Security Device admin apps	
0	System	

6.1.1. Network & Internet

•	WFFI or
(-)	Ethernet
0	Portable hotspot

6.1.1.1. Wi-Fi

Settings -> Network & Internet -> Wi-Fi Enable Wi-Fi

Enable/disable Wi-Fi connection through main switch in Setting -> Network & Internet -> Wi-Fi -> Off/On toggle button. Wi-Fi Off

Off		•
	To see available networks, turn Wi-Fi on. To improve location accuracy, turn on Wi-Fi scanning in scanning settings.	
	Wi-Fi preferences Saved networks	
Wi-Fi	On	
On	Turning Wi-Fron.	•

On the available network list, select an AP (access point) on an existing wireless network.

On		٠
•	ASUS_AC1200_2.4G	8
•	ASUS_AC1200_888	ė.
\mathbf{v}	Semilab Taiwan	ê.
\mathbf{v}	TPV	ė.
$\overline{\Psi}$	TPV_Guest	
\mathbf{v}	TPV_Mobile	ŵ
$\overline{\mathbf{v}}$	Xiaomi_5966	ŵ
$\overline{\mathbf{v}}$	Bafflo_YYY	ŵ
$\overline{\mathbf{v}}$	ASUS	ê.
+	Add network	
	Wi-Fi preferences	

Enter the required settings.

On		•
ASUS_AC1200_2.4G		8
ASUS_AC1200_888		
Semilab Talwan		â
TPV		8
TPV_Guest		
TPV_Mobile		
Xiaomi_5966	ASUS_AC1200_2.4G	â
W Bafflo_YYY	Password	8
V ASUS		
+ Add network	Show password Advanced options	
Wi-Fi preferences	Advanced oppoints	

At the bottom of the list, select "Add network" to add a network not shown on your list.

■ ^	1-FI	•	
	Mara Burkah Disable	0	
	Enable	۲	
	V TPV_Guest		
	TPV_Mobile		
	V. TPVLSS-6801		
	TPVSWA_2.4G		
	+ Add network		

If needed, enter the network name (SSID) and security details.

≡ Wi-Fi				¢ :
	Mein Disa	Switch ble		0
	Enat	sie		۲
	¥.	Xiaomi_5966_50	Add network	
	w.	TPV	Network name Enter the SSID	
	¥.	TPV_Guest	Security	
	¥.	TPV_Mobile	None · · Advanced options · ·	
	v.	TPVLSS-6801	Prory None -	
	¥.	TPVSWA_2.4G	None ·	
	+	Add network	DHCP *	
			CANCEL SAVE	

Note:

When Wi-Fi is enabled, Ethernet will be disabled automatically.

Wi-Fi Preference

Settings -> Network & Internet -> Wi-Fi -> Wi-Fi Preference

•

Using WPS

WPS network can be enabled using 2 options:

PBC (Push Button Configuration), in which the user simply has to push a button to connect.

PIN (Personal Identification Number), in which a PIN will be entered in client WPS device to connect.



When using PBC method, select "WPS Push Button" to connect.

When using PIN method, select "WPS Pin Entry" and enter the PIN to connect.

Wi-Fi Network Information



MAC address: shows Wi-Fi MAC address.

IP address: shows the IP address when the device joins a network.

6.1.1.2. Ethernet

Settings -> Network & Internet -> Ethernet Enable Ethernet

Enable/disable Ethernet connection by Setting -> Network & Internet -> Ethernet toggle button.

Ethernet To see available networks, turn Ethernet on.	ف
Static IP	0
IP Address	
Gateway	
Netmask	
DNS 1	
DNS 2	

By default, the system uses DHCP to join the network.

Connection Information (When the options are grayed out, they are not editable).

- (1). IP Address
- (2).Gateway
- (3). Netmask
- (4). DNS 1/2 IP Address

Ethernet DHCP	•
Static IP	0
IP Address 192.168.50.242	
Gateway 192.168.50.1	
Netmaak 255 255 255 0	
DNS1 8888	
DNS 2 192.168.50.1	

Note:

Wi-Fi connection will be disabled automatically when Ethernet connection is enabled.

Ethernet Static IP

User can manually set Ethernet IP address, Netmask, DNS address and gateway IP address when toggle "Static IP".

Ethernet To see available networks, tum Ethernet on.	0
Static IP	
IP Address 192.168.50.242	
Gateway 192.168.50.1	
Netmask 265.255.250	
DNS 1 8888	
DNS 2 192.168.50.1	

Then toggle Ethernet button again.

Ethernet Static IP	•
Static IP	
IP Address 192.168.50.242	
Gateway 192.168.50.1	
Netmask 255-253-253-0	
DNS 1 8.8.8.8	
DNS 2 192.168.50.1	

Note:

- 1. Please input IPv4 address in all fields; in dot-decimal notation, consisting of four decimal numbers, each ranges from 0 to 255, separated by dot.
- 2. User must input all fields for static IP connection before enabling Ethernet again.

6.1.2. Signage Display

Settings -> Signage Display, to setup most features of signage display. See below for more detailed information about Signage Display settings.

Sig	nage Display	
	General settings	
	Server settings	
	Source settings	
	Network application	
	System tools	
	Misc.	
	System updates	

6.1.2.1. General Settings

Settings -> Signage Display -> General Settings Set up Signage Display name, User logo and Screenshot.

Ge	neral settings	
	Signage display name PD_16657164422	
	Boot Logo	
	Screenshot	

Signage Display Name

Settings -> Signage Display -> General Settings -> Signage Display Name

Set up Signage Display name, the default name is Ethernet MAC address with prefix "PD_". For example, "PD_000b12223398". The maximum length of name is 36 characters in UTF8 format. Click to rename it.

Please enter signage display name	
PD_186571e442f2	
CANCEL	ок
	_

Boot Logo

Settings -> Signage Display -> General Settings -> Boot Logo User can set up device boot up logo (boot animation) when OSD Menu -> Configuration 2 -> Logo is set to "User" mode.





If "Logo" is not set to "User" mode, user cannot select custom boot animation.

Choose Boot Animation

When it is set to "User" mode, the option "Choose Boot Animation" becomes available.

Choose Boot Anim

When Logo is set to "User" mode, the default Philips logo will be replaced by user selected boot animation file.

Click "Choose Boot Animation" and a pop-up menu appears for user to select boot animation file. Content saved on a SD card or USB memory card will be scanned automatically.

Boot animation file name must be set as "bootanimation. zip", any other format is invalid.

Image: Contract of the second seco		
		۲
FORGET CANCEL SAV		
	CANCEL	SAVE

All available boot animation files can be found in the following folder:

- File under /data/local/bootanimation/: The boot animation file that are copied from USB or SD card.
- 2. File under {SD_STORAGE_VOLUME_NAME}/: The boot animation file saved on the SD card.
- 3. File under {USB_STORAGE_VOLUME_NAME}/: The boot animation file saved on the USB storage.

Dialog options:

- FORGET Clear "bootanimation.zip under /data/local/ bootanimation/. Custom boot animation will not be used during system boot up.
 CANCEL
 - CANCEL Cancel and close the dialog box.
- 3. SAVE

Copy selected file to /data/local/bootanimation/. After doing this, user can remove their external storage (USB and SD). System uses the boot animation file under / data/local/bootanimation. If system does not found any bootanimation.zip file under external storage (USB, SD) and /data, the file list is empty. The "SAVE" and "FORGET" buttons are grayed out, user should check content saved on the USB memory or SD card. Click "CANCEL" button to close the dialog box, and plug in the USB memory or SD card again.



If /data/local/bootanimation/ folder is empty, it means that "bootanimation.zip" has not been saved before by user. Default Philips logo appears during system boot up.

When "bootanimation.zip" is found under external storage, a dialog box of the file list will appear.



If the file "bootanimation.zip" can be found in the folder "/data/local/bootanimation/", the pop-up dialog box will show that file as the first option. It simply means that user has previously copied (saved) the file "bootanimation. zip" and that the system will boot up with boot animation from /data/local/bootanimation/bootanimation.zip.

Idata/loca/tpv/bootanim/bootanimation.zip Image: TRANSCEND/bootanimation.zip roser	Choose Boot Animation		
	/data/local/tpv/bootanim/bootanimation.zip		۲
FORGET CANCEL SAVE	TRANSCEND/bootanimation.zip		
	FORGET	CANCEL	SAVE

Boot animation file can be replaced by using the "SAVE" button.

Screenshot

Settings -> Signage Display -> General Settings -> Screenshot

To capture the screenshots from the imported content, click "Enable" to enable the auto screenshot function. If the screenshot options are shown in gray, it means that the screenshot function is not enabled yet.

enshot	
Main Selado Enable Enable	8
Sovensket Interval So minutes	
Start time	
End time	
Repeat	
Save to Internal storage	
Purge Screenshots Every Day	
Send screenshots via email For email settings, please go to Signage Display -> Server settings -> Email notification.	

After enabling this feature, you can set the interval time between each screenshot, as well as the destination folder where the captured screen will be saved. The option "Save to" notifies you that the screenshot images will be saved in the internal storage and they cannot be changed manually. NOTE:

- 1. The screenshot images will be deleted automatically under the following conditions:
 - (1). When the start time of screenshot feature is set to 0 second.

(2). Starting the screenshot at 40 seconds of minute.

- (3). If you decide to purge the screenshot photos every week, the data of deleting the photos will be changed to the day that you apply the setting of screenshot feature.For example, if you set the purging day to Monday of every week, then changed other settings in screenshot feature on Friday, the purging day will be changed to Friday (the day of system's current time).
- 2. Sleep (system suspend) and screenshot feature: The screenshot feature is suspended when the system enters sleep mode. The function of mailing out the screenshot is consequently suspended. The screenshotrelated features will be restarted when the system enters active mode.

creenshot	
Man Dahoh Enable Enable	8
Sprendukt Interval Granutes	
Start time 0600	
End time 1804	
Repeat Sunday, Monday, Tuesday, Wednesday, Trikursday, Friday, Saturday	
Save to Internal storage	
Purge Screenshots Every Week	
Send screenshots via email For email senting, please go to Signage Daptay -> Server settings -> Email notification.	

(1).Interval

Set the interval time between each screenshot. The available options are 30 and 60 minutes.

101 Interval ester kondex Sundex Su			
ander, Nordey, Tuesday, Wedner O 60 minutes	End time 11:48	Interval	
O of finites	Repeat	 30 minutes 	
ave to CANCEL		O 60 minutes	
	Save to Internal storage		CANCEL

(2).Start Time

Set the start time of a day to begin the screenshot function.

Make sure that you click the "Save" button before leaving the dialog box, or your settings will not be saved. The start time must be set at an earlier time than the end time. A toast message will appear notifying you if it is an invalid value.



(3). End Time

Set the end time of a day to end the screenshot function. Make sure that you click the "Save" button before leaving the dialog box, or your settings will not be saved.

The start time must be set at an earlier time than the end time. A toast message will appear notifying you if it is an invalid value.



(4). Repeat

Set the repeat mode for auto screenshot.

Start time	Repeat				
10.46	Sunday				
End time	Monday				
	Tuesday				
Repeat Sunday, Monday, Tuesday, Wedr	Wednesday				
	Thursday				
Save to Internal storage	Friday				
Purge Screenshots	Saturday				
Every Week			CANCEL	OV	

(5). Save to

The screen images will be saved under the folder named "philips/screenshot" of the internal storage.

(6). Purge Screenshots

Set the interval time for deleting the screenshot images. The available options are "Every day" and "Every week".



(7). Send screenshots via email

You can send every screenshot image as an e-mail attachment. User must set up mail information first in "Settings -> Signage Display -> Server Settings -> Email notification" (Refer to Email Notification section).

Send screenshots via email For email settings, please go to Signage Display -> Server settings -> Email notif

6.1.2.2. Server Settings

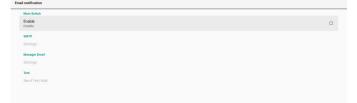
Settings -> Signage Display -> Server Settings

Server settings	
Email notification	
FTP	
Remote control	
SNMP Enable	2
ADB Over Network Enable	8

Email Notification

Settings -> Signage Display -> Server Settings -> Email Notification

Click checkbox to enable/disable E-mail notification feature. Set SMTP and manager E-mail after enabling the E-mail notification feature.



SMTP

Setup sender E-mail address and SMTP server information. There are two types of SMTP server for user to set up: "Gmail" and "Other". By using "Other" option, user can manually setup STMP server, security type and server port.

Note:

- 1. The password should be in UTF8 format with 6 to 20 characters.
- User cannot set port 5000 (SICP default port) and 2121 (FTP server default port).
 SICP network port setting in "Settings -> Signage Display -> Network Application -> SICP network port".
 FTP network port settings in "Settings -> Signage Display -> Server settings -> FTP -> Port".

Gmail: (SMTP server, Security type and Port are grayed out)

SNTF Settings Sottings Tes Execution for the Mail Lineacemental	SMTP Grand Grand Const Const Const Passeed Shifty fore Shore Factor Shore Factor Shore Factor Shore Factor	(for scample, example)gmail.com)	
		DISCARD SAVE	

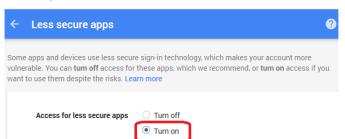
Other:

Charles				
SMTP Settings	SMTP Server			
Manager Email Settings	O Gmail O Other Email			
Test Send Test Mail Unsuccessful	Password	(for example, example@gmail.com)		
	SMTP Server			
	Security type None ~ Part			
		DISCARD	SAVE	

Gmail Security Settings

If a problem occurs when sending the e-mail via Gmail, please visit Google website "https://www.google.com/ settings/security/lesssecureapps" for checking the security setting of your Google Account. Then turn on "Access for less secure apps".

Google



Manager Email

Specify the destination address to receive the e-mail.



Test

To check if your e-mail settings are correct or not, select 'Send Test Mail" to send a test e-mail.

FTP

Settings -> Signage Display -> Server Settings -> FTP

Non-Instak Exable Exable TP FC Accesses
419 Account
Account
Account
Password
Storage Path
Storage Path Internal storage
Port 2121

Click the checkbox to enable/disable FTP server feature. After enabling this feature, user can setup account, password and port number.

- (1). Account: The user name to log in the FTP server. The length of the account name should be ranged from 4 to 20 characters, only [a-z], [A-Z] and [0-9] are allowed to use.
- (2). Password: The password to log in the FTP server. The length of the password should be ranged from 6 to 20 characters, only [a-z], [A-Z] and [0-9] are allowed to use. The password are covered by asterisks after setting.
- (3). Storage path: The FTP server has access to the internal storage only. The storage path is unchangeable.
- (4). Port: The port number for FTP server. Available port number ranges from 1025 to 65535, the default setting is 2121. The following port number cannot be used: 8000 / 9988 / 15220 / 28123 / 28124 and SICP network port (default 5000).

Finally, manually reboot the system to apply FTP settings.

Remote Control

Settings -> Signage Display -> Server Settings -> Remote Control

Re	mote control	
_	Main Switch	
	Enable Unable	
	Remote control Server	
	Bind Server is unbinded	

Click the checkbox "Enable" to enable or disable the remote control client service. The default setting is "Enabled". To use the remote control feature, the device must be bound with the remote control server.

In the entry field of "Server", input the URL address with the prefix of "https://". If the device is not bound with the remote control server, please enter the PIN code provided by the server.

Bind status:

- (1). If the device does not have appropriate network connection, a message "Network is disconnected" will appear.
- (2). If the device is equipped with network function, but is not connected to the remote control server, a message "Server is disconnected" will appear.
- (3). If a server is connected, but not bound, a message "Server is unbinded" will appear.
- (4). If the device is bound with the server successfully, a message "Server is binded" will appear.
- (5). If the PIN code is not correct, a message "Error PIN code" will appear.

SNMP

Enable/Disable SNMP service.

	SMP Date	•
Ple	ease refer to the SNMP user manual.	

ADB over Network

You can access ADB over a network connection with port 5555.

ADB Over Network

6.1.2.3. Network Application

Settings -> Signage Display -> Network Application

plication	
network port	

Proxy

Settings -> Signage Display -> Network Application -> Proxy Enable the proxy server by clicking the checkbox of "Enable". User can set up the host IP and port number of the proxy server. The default setting is "Disable".

y	
Main Switch Enable Erable	
Proxy settings Proxy hostname	
Proxy port	
Туре НТТР	
Authentication	
Authentication	
Usemame	
Password	

System supports the following proxy types: HTTP, HTTPS, SOCKS4, and SOCKS5. Choose one for your proxy server.

Туре НТТР	Туре		
Authentication	HTTP		
Authentication	O HTTPS		
Username	O SOCKS4		
	O SOCKS5		
Password		CANCEL	
		CANCEL	

If an authorization is requested by proxy server, click the checkbox of "Authorization" and enter the username and password.

Authentication	
Authentication	8
Username	
Password	

SICP Network Port

Settings -> Signage Display -> Network Application -> SICP Network Port

Set up the default port of SICP and enable/disable the network SICP. The default SICP is enabled with the port 5000.

Note:

Port number ranges from 1025 \sim 65535.

The following ports are already occupied and cannot be assigned: 8000, 9988, 15220, 28123, 28124. The default FTP port is 2121.

SICP network port		
Mein Switch		
Enable Enable	8	
SICP network port		
SICP network port 5000 (Connected)		

6.1.2.4. System Tools

Settings -> Signage Display -> System Tools

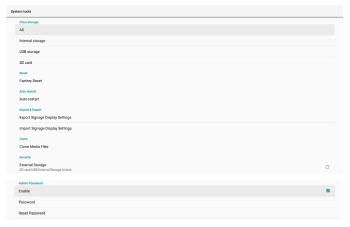
There are eight major features in signage display system tools:

(1). Navigation Bar (only when touch device is supported)

(2). Clear Storage

- (3). Reset
- (4). Auto restart
- (5). Import & Export
- (6).Clone
- (7). Security

(8). Admin Password



Navigation Bar

Settings -> Signage Display -> System Tools -> Navigation Bar Set up to enable or disable navigation bar during touch gesture. This option is available only when platform supports touch device.

Clear Storage

Settings -> Signage Display -> System Tools -> Clear Storage

Sys	tem tools
	Clear storage
	All
	Internal storage
	USB storage
	SD card

Clear data under {storage}/philips/folder of the internal and external storage.

(1).All

Clear the folder "Philips" from the internal storage, USB and SD card.

(2). Internal Storage

Clear the folder "Philips" from the internal storage only.

(3). USB Storage

Clear the folder "Philips" from the USB storage only.

(4).SD Card

Clear the folder "Philips" from the SD card only.

A dialog box lists all folders that the system is going to clear. Press "RESET" to clear all data under the listed folder, or press back key to quit without saving.

SD card	Clear storage	
Reset	-	
Factory Reset	This will erase all data , including:	
Auto restart Auto restart	Internal/philips/	
Import & Export	SDHC/philips/	
Export Signage Display Setting	ESD-USB/philips/	
Import Signage Display Settin		
	RESET	

Reset

Settings -> Signage Display -> System Tools -> Reset

Reset Factory Reset

Factory Reset

This function allows you to clear all user data and settings. The system will auto reboot and jump to OOBE after rebooting.

Important Note:

- 1. Only the data stored in the internal storage will be cleared and cannot be recovered, the data includes the device settings, installed APPs, APPs' data, downloaded files, music, photos and all data under"/data". However, the data stored on the USB and SD card will not be cleared.
- 2. Make sure that the AC adapter and power are always present during the factory reset process. User can only power off after seeing OOBE on the screen.

actory Reset	
This will erase all data from your Signage Display's internal storage, including:	
System and ago data and settings Downladed ap Photos Maaic Photos Photos Constrained and ap Other data Other second information and downloaded apps?	
You can't reverse this action! The system will reboot later!	
FACTORY RESET	

Click "Factory Reset" to perform factory reset. Press "OK" to confirm when the dialog box appears. Please note this action clears all data in the internal storage and it is not recoverable.



Auto Restart

Auto resta

Auto Restart function allows the device to restart automatically at the time you specify.

Select Disable/Enable auto restart feature from the Main Switch.



Use the time picker to set auto restart time.



Click "Save" button and the time you set for auto restart will display.

Auto restart Restart time 09:00

Import & Export

Settings -> Signage Display -> System Tools -> Import & Export



This function allows you to import/export the settings and 3rd party APK from/to other device. Please note that:

- (1).Export data to BDL3550Q-clone.zip file under {storage}/philips/clone folder.
- (2).Support old clone files method, and put files under {storage}/philips/sys_backup: AndroidPDMediaPlayerData.db AndroidPDPdfData.db menu_settings.db settings_global.xml settings_secure.xml settings_system.xml signage_settings.db smartcms.db Note that latest export data will archive all files into

Note that latest export data will archive all files into ZIP file.

(3). "Signage Display Name" will not be imported/ exported.

Export Signage Display Settings

System exports database data and third party APKs into {storage}/philips/clone/BDL3550Q-clone.zip file of the selected storage (internal storage, SD card or USB storage). Note:

If the selected storage (internal storage, USB or SD card) does not contain Philips/folder, then the system will create it automatically.

A list of all available storage (internal storage, SD card and USB storage):

Reset	Select storage		
Factory Reset	Internal/philips/		۲
Auto restart	ESD-USB/philips/		
Import & Export Export Signage Display Setting	SDHC/philips/		0
Import Signage Display Settin		CANCEL	ок

Import Signage Display Settings

Import database data from philips/clone/BDL4550D-clone. zip file of the selected storage (internal Storage, SD Card or USB storage). System imports following data in ZIP file:

(1). Import Database in BDL4550D-clone.zip

(2).Import 3rd party APK in BDL4550D_clone.zip

A list of all available storage (internal storage, SD card and USB storage):

Reset	Select storage		
Factory Reset	Internal/philips/		۲
Auto restart	ESD-USB/philips/		
Import & Export Export Signage Display Settin	SDHC/philips/		
Import Signage Display Settin	c	ANCEL	ок

A confirmation dialog box is displayed before importing the settings and APKs. Click the "OK" button to start importing the data.

Reset				
Factory F	Reset	Import Signage Display Settings		
Import & E	xport	Are you sure you want to import the settings and apps?		
Export Si	ignage Display Settin	After importing successfully, the system will load the settings, install all apps and reboot automatically.		
Import Si	ignage Display Settin			
Clone		CANCEL	ок	
Clone Me	edia Files			

Clone

Settings -> Signage Display -> System Tools -> Clone

Clone	
Clone	Med

Clone Media Files

This function allows you to copy the media files from the selected source storage to the target storage.

- (1).System clone files are under the following folder: philips/photo philips/music
 - philips/music philips/video philips/cms philips/pdf philips/browser
- (2). Clone CMS files (file extension is ".cms"):

Source storage Source is internal storage

Check if there is CMS file on the FTP server.

If there is no CMS file on the FTP server, check philips/ folder in source storage

Source is external storage (SD card or USB storage)

Check CMS file in root directory of storage Target storage

Target is internal storage

CMS file will be saved to philips/ folder

Target is external storage (SD card or USB storage) CMS file will be saved to root directory of storage

Clo	Clone Media Files		
	Clone Source		
	Internal storage	0	
	SD card	0	
	USB storage	۲	
	Path: TRANSCEND/philips/		
	Target Location		
	Internal storage	۲	
	SD card	0	
	USB storage	0	
	Path: Internal/philips/		
	PL DWE		

Security

Settings -> Signage Display -> System tools -> Security

External Storage			
	External	Storage	

External Storage

Click the checkbox to lock or unlock external storage (SD card and USB storage). Default is unlocked.

External Storage SD card/USB External Storag

(1). Unchecked (Disable): SD card/USB External Storage Unlock.

(2).Checked (Enable): SD card/USB External Storage Lock. Note:

When you disable external storage lock to enable state, please unplug and plug in external storage again (for both SD card and USB storage). After that, system can detect external storage again.

Admin Password

Settings -> Signage Display -> System tools -> Admin Password.

Admin Password		
Enable		•
Password		
Reset Password		

Enable:

Click the checkbox to enable or disable Admin Password. Default is disable.

Once it is enabled, you will need a password to login into Admin mode. Default password is "1234".

Password:

Change the password if needed.

Reset Password:

Reset the password to its default value which is "1234". If reset is successful, it shows a message as "Successful".

6.1.2.5. System updates

Local update

Settings -> Signage Display -> System updates -> Local update

System will auto search "update.zip" in root folder of USB disk and SD card. If "update.zip' is found on the external storage, a list will be shown for user to select the file to update.

System updates Local update

Once the file is selected from the list, the system starts rebooting and updating. Please note that:

- (1).Do not turn off the power or remove the power adapter until the update is complete.
- (2). Current system only supports full Android update.
- (3). The update file must be named as "update.zip" only.
- (4). The "update.zip" file must be stored in the root folder of your external storage.

6.1.3. Apps

Display installed APKs information.

App info 10 apps installed
Notifications
App permissions
Default apps Chromium
Special app access 1 app can use unrestricted data

6.1.3.1. App info

All installed Android APP are listed. User can manage each APP's permission and other settings.

\$	Android System WebView 180 M8
	Browser 22.7748
	Chromium 6.04 MB
	DefaultHome 40.5618
•	File Manager 29518
	Media Player 10238
	NetworkConnect 3.06 MB
ABCÍ	POF Player 10246
\$	Settings 20230
0	SmartCMS 1.541MB
-	WEBVIEW TEST 20.49 MB
	20.48 MB

6.1.3.2. App permissions

List of major permission of Android system and the APP that has permission to control it.

*	Body Sensors 0 of 0 appratowed
۵	Calendar O of O apps aboved
۵	Camera 0 of 2 apps aboved
0	Contacts 0 of 1 apps aboved
۰	Location 1 of 2 appr aboved
*	Microphone 0 of 2 apps aboved
e.	Phone 0 of 1 apps allowed
-	SMS or 0 appr adoved
•	Storage 7 of 8 apps aboved

6.1.3.3. Default Apps

User can set default APPs if someone sends related request.

Assist & voice input
Browser app Chromium
Home app DefaultHome
Opening links

Browser app

The default APP to open a webpage URL. Default is Chromium.

Home app

The default launcher APP, default is Default Home APP. If user changes this APP, the external source may not display correctly.

Opening links

This feature allows the APP to open supported links inside its APP directly.

	Instant spps	
	Instant apps Open links in apps, even if they're not installed	•
	Installed apps	
0	Chromium Don't open supported links	
54	Gallery Don't open supported links	
۲	Music Don't open supported links	

6.1.4. Display

Change the font size of your display.

Font size Largest			

6.1.4.1. Font Size

Drag the slide to adjust system font size. Default setting is "Largest".

Sample text	Largest
Sample tests We knowledwith Without do De. The Woohned Mith Witho	A Adult the text on acreen smaller or larger.
Proview	

6.1.5. Security

Settings -> Security

List show app when it support admin related operations and control.

6.1.6. System

The following options are listed in Settings -> System.

- (1). Keyboard & inputs
- (2). Developer options

(3).About

۰	Keyboard & inputs Kika Keyboard
0	Developer options
٥	About 50BDL3550Q

6.1.6.1. Keyboard & input

Settings -> System -> Keyboard & input User can change IME and keyboard settings.

> Keyboard & inputs Virtual keyboard Kika Keyboard Physical keyboard Logitech USB Keyboard, TP

Virtual keyboard

Allow user to set default software IME (virtual keyboard) and control detailed IME settings.

Japanese IME will be installed automatically when Japanese language is selected in OOBE.

kiko	Kika Keyboard Keyboard
+	Manage keyboards

Physical keyboard

Allow user to control physical keyboard and detailed keyboard settings.

The "TPV Vir-IR" is a system-level virtual keyboard; it will always exist on the keyboard list.

Logitech USB Keyboard	
Kika Keyboard - Keyboard	
TPV Vir-IR	
Kika Keyboard - Keyboard	
Keyboard assistance	
Show virtual keyboard Keep it on screen while physical keyboard is active	0
Keyboard shortcuts helper Display available shortcuts	

On-screen keyboard enable

Settings -> Languages & input -> On-screen keyboard enable

Used to enable/disable system pre-installed software keyboard (IME). User can press "menu" six times to enable on-screen software keyboard when it is disabled. By default, on-screen keyboard is enabled.

On-screen keyboard enable 20 Enable

6.1.6.2. Developer options

Settings -> System -> Developer options

Android developer options for developers, default setting is On and USB debugging is also "On" by default.

On		
8	Memory	
	Take bug report	
	Desktop backup password Desktop full backups seen't currently protected	
	Stay awake Barren will never sleep while charging	0
	HDCP checking Use HDCP checking for DBM content only	
	Enable Bluetooth HCI snoop log Capture al bluetooth HCI padvets in a file	0
	Running services View and control currently running services	
	Picture color mode Use sR08	0
	WebView implementation Android System WebView	
	Automatic system updates	٠
	System UI demo mode	
	Quick settings developer tiles	
	Debugging	
	USB debugging Debug mode when USB is connected	٠
	Bug report shortout Show a buttor in the power menu for taking a bug report	0

6.1.6.3. About

Settings -> System -> About

View the following information about the system.

- (1). Status
- (2). Legal information
- (3). Model (model name of this device)
- (4). Android version
- (5). Android security patch level
- (6). Kernel version

(7). Build number (release version)

Status	
Legal information	
Model 50801.3550Q	
Android version 8.0.0	
Android security patch level December 1, 2017	
Kenal version 4 54 6 Fayer 10 July 2012 Constant Strategy 2012 7 Fayer 10 July 2012 Constant Strategy 2012	
Build number reco.co	

Status

Display device serial number and total time for the device to boot up.

Serial nun 123456789 Up time 0.44.05

Legal Information

Legal information and licenses of all open source projects will be listed.

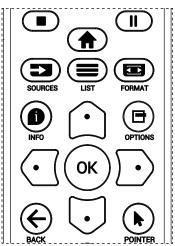
System WebView lice

7. OSD Menu

An overview of the On-Screen Display (OSD) structure is shown below. You can use it as a reference for further adjustment of your display.

7.1. Navigating the OSD Menu

7.1.1. Navigating the OSD menu using the remote control



- 1. Press [1] button on the remote control to display the OSD menu.
- 2. Press [☆] or [♥] button to select the item to adjust.
- 3. Press [OK] or [D] button to enter the submenu.
- In the submenu, press [□] or [□] button to toggle between items, press [□] or [□] button to adjust the settings. If there is a submenu, press [OK] or [□] button to enter the submenu.
- Press [←] button to return to the previous menu, or press [♠] button to exit from the OSD menu.

7.1.2. Navigating the OSD menu using the display's control buttons

- 1. Press [MENU] button to display the OSD menu.
- 2. Press [+] or [-] button to select the item to adjust.
- 3. Press [+] button to enter the submenu.
- In the submenu, press [▲] or [♥] button to toggle between items, press [+] or [—] button to adjust the settings. If there is a submenu, press [+] button to enter the submenu.
- 5. Press [MENU] button to return to the previous menu, or keep pressing [MENU] button to exit from the OSD menu.

7.2. OSD Menu Overview

7.2.1. Picture menu

Picture	Brightness	80
Screen	Contrast	50
Audio	Sharpness	10
Configuration 1	Black level	50
Configuration 2	Tint	50
Picture	Color	55
Screen	Noise reduction	Off
Audio	Gamma selection	Native
Configuration 1	Color temperature	Native
Configuration 2		
Picture	Color temperature	Native
Screen		
Audio	Smart power	Off
Configuration 1	Overscan	Off
Configuration 2	Picture reset	Action

Brightness

Adjust the brightness of this display's backlight.

Contrast

Adjust the contrast ratio for the input signal.

NOTE: VIDEO source only

Sharpness

This function is digitally capable to keep a distinct image at all times.

Adjust the sharpness of the picture for each picture mode. NOTE: VIDEO source only

Black level

Adjust the image brightness for the background. NOTE: VIDEO source only. sRGB picture mode is standard and cannot be changed.

Tint (Hue)

Adjust the tint of the screen.

Press + button the flesh tone color becomes greenish.

Press - button the flesh tone color becomes purplish.

NOTE: VIDEO source only

Color (Saturation)

Adjust the color of the screen. Press + button to increase color depth. Press - button to decrease color depth. NOTE: VIDEO source only

Noise reduction

Adjust the noise reduction level. NOTE: VIDEO source only

Gamma selection

Select a display gamma. It refers to the brightness performance curve of signal input. Choose from {Native} / {2.2} / {2.4} / {s gamma} / {D-image}.

NOTE: VIDEO source only. sRGB picture mode is standard and cannot be changed.

Color temperature

Adjust the color temperature.

The image becomes reddish as the color temperature decreases, and becomes bluish as the color temperature increases.

NOTE: VIDEO source only.

Color Control

The color levels of red, green, and blue can be adjusted by the color bars.

R: Red gain, G: Green gain, B: Blue gain.

Smart power

Control of lower power consumption based on brightness setting.

- {OFF}: no adaptation
- {MEDIUM}: 80% of power consumption relative to current settings
- {HIGH}: 65% of power consumption relative to current settings

Overscan

If you encounter problems with over scanning, you can change display area of the image.

- {ON}: Display 95% of the total image area.
- {OFF}: Display 100% of the total image area.

NOTE: VIDEO source only.

Picture reset

Reset all settings in the Picture menu.

Select "RESET" to restore factory preset data.

Press "CANCEL" button to cancel and then return to the previous menu.

7.2.2. Screen menu



Screen	V position	0
Audio	Clock	0
Configuration 1	Clock phase	0
Configuration 2		
Advanced option	Screen reset	Action

H position

Control Horizontal Image position within the display area of the LCD.

Press + button to move screen to right. Press - button to move screen to left. NOTE: VGA input only.

V position

Control Vertical Image position within the display area of the LCD.

Press + button to move screen to up.

Press - button to move screen to down.

NOTE: VGA input only.

Clock

Press + button to expand the width of the image on the screen to the right.

Press - button to narrow the width of the image on the screen to the left.

NOTE: VGA input only.

Clock Phase

Improves focus, clarity and image stability by increasing or decreasing this setting. NOTE: VGA input only.

Auto adjust

Press "Set" to detect and adjust H position, V position, Clock, Phase automatically.

NOTE: VGA input only.

Screen reset

Reset all settings in the Screen menu to factory preset values.

7.2.3. Audio menu

Screen	Balance	50
Audio	Treble	50
Configuration 1	Bass	50
Configuration 2	Maximum volume	100
Advanced option	Minimum volume	0

Screen	Maximum volume	100
Audio	Minimum volume	0
Configuration 1	Mute	Off
Configuration 2	Audio source	Digital
Advanced option	Audio reset	Action
5		•

Balance

Adjust to emphasize left or right audio output balance.

Treble

Adjust to increase or decrease higher-pitched sounds.

Bass

Adjust to increase or decrease lower-pitched sounds.

Volume

Adjust the volume.

Maximum volume

Adjust limitation for the maximum volume setting.

Minimum Volume

Adjust limitation for the minimum volume setting.

Mute

Turn the mute function on/off.

Audio Source

Select the audio input source.

{Analog}: audio from audio input.

{Digital}: audio from HDMI/DVI audio.

Audio reset

Reset all settings in the Audio menu to factory preset values.

Audio Out Sync

Line out volume sync with internal speaker Volume. {On}: Enable the function and gray out Audio Out (line out) Volume.

{Off}: Disable the function.

Speaker Setting

Turn internal speaker {On}/{Off}.

7.2.4. Configuration 1 menu

Screen	Switch on state	Force on
Audio	Panel saving	Action
Configuration 1	RS232 routing	RS232
Configuration 2	Boot on source	Action
Advanced option	WOL	Off

Screen	WOL	Off
Audio		
Configuration 1		
Configuration 2	Configuration1 reset	Action
Advanced option	Factory reset	Action

Switch on state

Select the display status when you connect the power cord next time.

- {Power off} The display will remain off when the power cord is connected.
- {Forced on} The display will turn on when the power cord is connected.
- {Last status} The display will return to the previous power status (on/off/standby mode) when the power cord is connected.

Panel saving

Choose to enable the panel saving functions and thus reduce the risk of image persistence or ghost imaging.

- {Brightness} Select {On} and the image brightness will reduce to an appropriate level. The Brightness setting in the Picture menu cannot be changed when this setting is enabled.
- {Pixel Shift} Select the time interval ({Auto}, {10-900} seconds, {Off}) for display to slightly expand the image size and shift the position of pixels in four directions (up, down, left and right). Activating pixel shift will disable H position, V position and Zoom mode in Screen menu.

Note: Video source only.

RS232 routing

Select RS232 routing path

- {RS232} RS232 is routed from 2.5 mm phone jack
- {LAN->RS232} RS232 is routed from RJ45

Boot on source

Choose to select a source when booting up.

- {Input} Select input source when booting up.
- {Playlist} Select playlist index for MediaPlayer, Browser, PDF Player. 0 indicates there is no playlist.

WOL (Wake on LAN)

Allow the display to be turned on by a network message. Note: This function only works in power mode 1 and mode 2.

Light sensor

Choose to turn on or off the light sensor function of CRD41.

Human sensor

Choose to turn on or off the human sensor function of CRD41.

Configuration 1 reset

Reset all settings in Configuration 1 menu to factory preset values.

Factory Reset

Reset all customized settings in Picture, Screen, Audio, Configuration 1, Configuration 2 and Advanced Option to the factory default values.

7.2.5. Configuration 2 menu

Screen	OSD turn off	45
Audio	OSD H position	50
Configuration 1	OSD V position	50
Configuration 2	Information OSD	10
Advanced option	Logo	On

Screen	Monitor ID	Action
Audio	Heat status	35.38°C 95.68°F
Configuration 1	Monitor information	Action
Configuration 2	HDMI Version	1.4
Advanced option	Configuration2 reset	Action

OSD turn off

Set the period of time the OSD (on-screen display) menu stays on the screen.

The options are {Off, 5 - 120} seconds. {Off} does not disappear automatically.

OSD H position

Adjust the horizontal position of the OSD menu.

OSD V position

Adjust the vertical position of the OSD menu.

Information OSD

Set the period of time the information OSD display on the upper left corner of the screen. The information OSD will display when input source and signal are changed.

The options are {Off, 1 - 60} seconds.

Logo

Choose to enable or disable the picture of Logo when turning on your display.

- {Off} Both static Philips logo and Android boot animation will not be shown.
- {On} Default value. Both Philips logo and Android boot animation will be shown.
- {User} Static Philips logo will not be shown, only userselected boot animation will be shown in Android settings.

Note: Logo will not be rotated even thought rotation setting is set.

Monitor ID

Set the ID number for controlling the display via the RS232 connection. Each display must have a unique ID number when multiple sets of the display are connected. Monitor ID number range is between 1 and 255.

- {Monitor ID} set range in {1-255}. The default setting is 1.
- {Monitor group} set range in {1-254}. The default setting is 1.

Heat Status

Current thermal status.

Monitor information

Shows information about your display, including model name, SW version, serial number, and operation hours.

Monitor information	
Model name	
Serial NO.	N/A
Operation hours	0
SW Version	FBXX.XX

HDMI version

Set the HDMI version to 1.4 or 2.0.

- Note: 1. HDMI input source only.
 - 2. If timing setting to 4K60Hz the screen display abnormal, please set the HDMI version to 1.4.

Configuration 2 reset

Reset all settings in Configuration 2 menu to factory preset values.

7.2.6. Advanced Option menu

IR control	Unlock
Power LED Light	On
Keyboard control	Unlock
Tiling	Action
Off timer	Off
	Power LED Light Keyboard control Tiling

Date and time	Action
Schedule	Action
HDMI with One Wire	Off
Language	English
	Schedule HDMI with One Wire HDMI One Wire Power off

Screen		
Audio	Language	English
Configuration 1	OSD transparency	Off
Configuration 2	Power Save	Mode 1
Advanced option	Advanced option reset	Action

IR control

Select the operation mode of the remote control when multiple displays are connected via RS232 connection.

- {Unlock} All displays can be operated normally by the remote control unit.
- {Primary} Designate this display as the primary display for remote control operation. Only this display can be operated by the remote control. (In primary mode, IR key will always be processed regardless of the monitor ID/ group settings).
- {Secondary} Designate this display as the secondary display. This display cannot be operated by the remote control, and will only receive the control signal from the primary display via RS232 connection.
- {Lock All} / {Lock all but Volume} / {Lock all but Power} / {Lock all except PWR &VOL} - Lock the remote control function of this display. To unlock, press and hold the INFO button on the remote control for 6 (six) seconds.

Power LED light

Choose to set power indication LED on or off.

Choose {On} for normal use.

Keyboard control

Choose to enable or disable the display keyboard (control buttons) function.

- {Unlock} Enable the keyboard function.
- {Lock All} / {Lock all but Volume} / {Lock all but Power} / {Lock all except PWR & VOL} - Disable the keyboard function.

NOTE: "Keyboard Control Lock Mode" This function completely disables the access to all Keyboard Control functions. To enable or disable the keyboard control lock, press both [VOL+] and [UP] buttons and hold down continuously more than 3 seconds.

Tiling

Create a single large-screen matrix (video wall) that consists of up to 150 sets of the display (up to 10-sets on the vertical and 15-sets on the horizontal sides). This function requires daisy-chain connection.

• Switch on Delay: Set the power-on delaying time (in seconds). Default option {Auto} allows a sequential powering-on for each display by monitor ID when multiple displays are connected. The options are: {Off, Auto, 2-255}.

- Brightness: {Normal} Adjust the overall image and background screen brightness (backlight) in Screen menu. {ACS} – Apply brightness values (backlight) which is adjusted by MIC tool. The default value before adjustment is the same as brightness setting in Screen menu.
- H monitors: Select the number of displays in horizontal side.
- V monitors: Select the number of displays in vertical side.
- Position: Select the position of this display in the screen matrix.

H monitors

_						
	1	2	3	4	5	 Position
	6	7	8	9	10	
V monitors	11	12	13	14	15	
>	16	17	18	19	20	
	21	22	23	24	25	

• Frame comp.: Turn frame compensation function on and off. The display adjusts the image to compensate the width of display bezels for accurately display the image. With frame compensation:

{On}



{Off}



• Enable: Check to enable tiling function.

Off timer

Set automatic power off time (in hours).

Date and time

Adjust the current date and time for the display's internal clock.

Date and time		
Auto Sync		\checkmark
Set date		
Set time		
Choose time zone London, Dublin GMT+1:00		•
NTP Server	2.android.pool.ntp.org	
Current date time	2020/05/27 13:17:33	

• {Auto Sync} - Auto sync display's clock with NTP server.

Schedule

Allow user setup up to seven different scheduled intervals of display activity.

Schedule		
Schedule list		1
Enable		
Start time		
End time		
BACK	SAVE	

- {Schedule list} Select 1-7 schedules to edit.
- {Enable} Enable/disable selected schedule. If time conflict with other schedule or start/end time, input source are empty, user cannot enable this schedule.
- {Start time} Set start time.
- {End time} Set end time.
- {Input} Set input source, system will go to selected source automatically at start time.
- {Play list} Set playlist 1-7 for MediaPlayer, PDF Player and Browser sources.
- {Days of the week} Set Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday.
- {Every week} Set lifecycle.
- {Back} Cancel and do not change schedule data.
- {SAVE} Save schedule data.

HDMI with One Wire

Enable or disable HDMI CEC.

HDMI One Wire Power Off

Allow user to set multiple devices to standby mode by pressing the power button. This function is only available when HDMI CEC is enabled.

Language

Select the language used in the OSD menu.

The options are: English/Deutsch/ 简体中文 /Français/ Italiano/Español/Русский/Polski/Türkçe/ 繁體中文 / 日本語 / Português/أيبرعل/Danish/Swedish/Finnish/Norwegian/ Dutch/Czech/Lithuanian/Latvian/Estonian.

OSD Transparency

Adjust OSD transparency.

- {Off} Transparency off.
- {1-100} Transparency level 1-100

Power Save

Mode 1 [TCP off, WOL on, auto off] Mode 2 [TCP off, WOL on, auto on/off] Mode 3 [TCP on, WOL off, auto on/off] Mode 4 [TCP on, WOL off, no auto on/off]

Power Save	RCU Power Button Off	No Signal	WOL	Android (ARM)
Mode 1	DC OFF	DC OFF	V	ARM off
Mode 2	DC OFF	when signal is back, system wake up	V	ARM off
Mode 3	Backlight OFF	when signal is back, system wake up	Х	ARM on
Mode 4	Backlight OFF	Backlight always on, show no signal	Х	ARM on

Following table is the action for Android board with different power mode.

Power mode	Mode 1, Mode 2	Mode 3, Mode 4
DC off	System shutdown	1. Media Player, Browser, PDF Player and SmartCMS will close.
		2. Android system goes to default black launcher.
DC on	System boot up	Android system reboot. If Logo settings is off, system directly turn backlight on without rebooting.

Advanced option reset

Reset all settings except {Date and Time} in the advanced option menu to factory preset values.

8. Input Mode

Timing support:

Item	Resolution	H.Freq. (KHz)	V.Freq. (Hz)
1	720×400 @ 70Hz DOS	31.469	70.087
2	640×480 @ 60Hz DMT	31.469	59.94
3	640×480 @ 67Hz MAC	35	66.667
4	640×480 @ 75Hz DMT	37.5	75
5	800×600 @ 60Hz DMT	37.879	60.317
6	832×624 @ 75Hz MAC	49.725	74.5
7	1024×768 @ 60Hz DMT	48.363	60.004
8	1152×870 @ 75Hz MAC	68.681	75.062
9	1280×720 @ 60Hz CVT16:9	44.772	59.855
10	1280×1024 @ 60Hz DMT	63.981	60.02
11	1440×900 @ 60Hz CVT16:10 R	55.469	59.901
12	1440×900 @ 60Hz CVT16:10	55.935	59.887
13	1680×1050 @ 60Hz CVT16:9 R	64.674	59.883
14	1680×1050 @ 60Hz CVT16:9	65.29	59.954
15	1920×1080 @ 60Hz CVT-RB/XBOX360	66.7	60
16	1920×1080 @ 60Hz DMT-RB	67.5	60
17	480i @ 60Hz	15.734	59.94
18	480P @ 60Hz	31.469	59.94
19	720P @ 60Hz	44.955	59.94
20	1080I @ 60Hz	33.716	59.94
21	1080P @ 60Hz	67.433	59.94
22	576i @ 50Hz	15.625	50
23	576P @ 50Hz	31.25	50
24	720P @ 50Hz	37.5	50
25	1080I @ 50Hz	28.125	50.08
26	1080P @ 50Hz	56.25	50

• The PC text quality is optimum in FHD mode (1920 x 1080, 60Hz).

• Your PC display screen might appear different depending on the manufacturer (and your particular version of Windows).

• Check your PC instruction book for information about connecting your PC to a display.

• If a vertical and horizontal frequency-select mode exists, select 60Hz (vertical) and 31.5KHz (horizontal). In some cases, abnormal signals (such as stripes) might appear on the screen when the PC power is turned off (or if the PC is disconnected). If so, press the [INPUT] button to enter the video mode. Also, make sure that the PC is connected.

• When horizontal synchronous signals seem irregular in RGB mode, check PC power saving mode or cable connections.

• The display settings table complies to the IBM/VESA standards, and based on the analog input.

• The DVI support mode is regarded as same to the PC support mode.

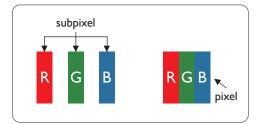
• The best timing for the vertical frequency to each mode is 60Hz.

9. Pixel Defect Policy

We strive to deliver the highest quality products and use some of the industry's most advanced manufacturing processes whilst practicing stringent quality control. However, pixel or sub-pixel defects on the PDP/TFT panels used in Plasma- & LCD- displays are sometimes unavoidable. No manufacturer can guarantee that all panels will be free from pixel defects, but Philips guarantees that any Plasma- & LCD- displays with an unacceptable number of defects will be repaired during the warranty period in line with your local guarantee conditions.

This notice explains the different types of pixel defects and defines the acceptable defect level for the LCD screen. In order to qualify for repair under warranty, the number of pixel defects must exceed a certain level as shown in the reference table. If the LCD screen is within specification a warranty exchange / claim back will be refused. Additionally, because some types or combinations of pixel defects are more noticeable than others, Philips sets even higher quality standards for those.

9.1. Pixels and Sub-Pixels



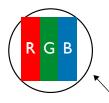
A pixel, or picture element, is composed of three sub-pixels in the primary colors of red, green and blue. Many pixels together form an image. When all sub-pixels of a pixel are lit, the three colored sub-pixels together appear as a single white pixel. When all are dark, the three colored sub-pixels together appear as a single black pixel. Other combinations of lit and dark sub-pixels appear as single pixels of other colors.

9.2. Types of Pixel Defects + Dot Definition

Pixel and sub-pixel defects appear on the screen in different ways. There are three categories of pixel defects and several types of sub-pixel defects within each category.

Dot definition = What is a defective "Dot"?:

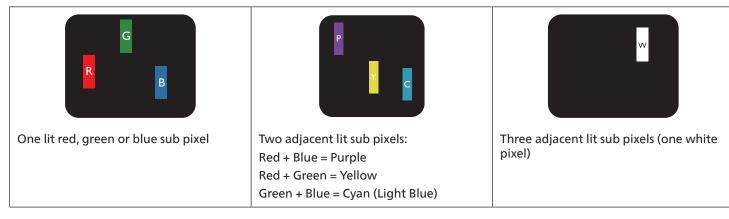
One or more defective, adjacent sub-pixel are defined as one "dot". The no. of defective sub-pixels are not relevant to define a defective dot. This means that a defective dot can consist of one, two or three defective sub-pixels which can be dark or lit.



One dot = One Pixel; consists of three sub-pixels of Red, Green, and Blue.

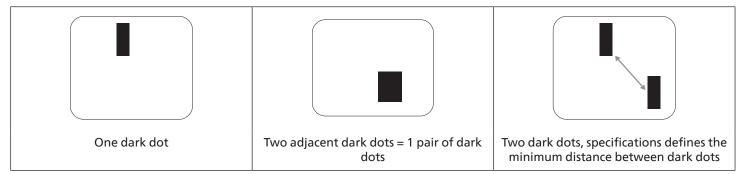
9.3. Bright Dot Defects

Bright dot defects appear as pixels or sub-pixels that are always lit or "on". These are the examples of bright dot defects:



9.4. Dark Dot Defects

Black dot defects appear as pixels or sub-pixels that are always dark or "off". These are the examples of black dot defects:



9.5. Proximity of Pixel Defects

Because pixel and sub-pixels defects of the same type that are nearby one another may be more noticeable, Philips also specifies tolerances for the proximity of pixel defects. In the table below you can find specifications about:

- Allowed amount of adjacent dark dots = (adjacent dark dots =1 pair of dark dots)
- Minimum distance between dark dots
- Total no. of all defective dots

9.6. Pixel Defect Tolerances

In order to qualify for repair due to pixel defects during the warranty period, a PDP/TFT panel in a Philips Plasma / LCD- display must have pixel or sub-pixel defects exceeding the tolerances listed in the following table.

BRIGHT DOT EFFECT	ACCEPTABLE LEVEL
1 lit sub pixel	2
BLACK DOT EFFECT	ACCEPTABLE LEVEL
1 dark sub pixel	10
TOTAL DOT DEFECTS OF ALL TYPES	12

NOTE: * 1 or 2 adjacent sub pixel defects = 1 dot defect

9.7. MURA

Dark spots or patches may occasionally appear on some liquid crystal display (LCD) panels. This is known within the industry as Mura, which is a Japanese term for "unevenness." It is used to describe an irregular pattern or area in which uneven screen uniformity appears under certain conditions. Mura is a result of the deterioration of the liquid crystal alignment layer and is most commonly caused by long-term operation under high ambient temperatures. It is an industry- wide phenomenon and Mura is not repairable. It is also not covered by our warranty terms.

Mura has been around since the introduction of LCD technology and with screens getting bigger and in operation 24/7, many displays are running in low light conditions. This all adds to the possibility of Mura affecting displays.

HOW TO SPOT MURA

There are many symptoms of Mura and also multiple causes. Several of these are listed below:

- Impurities or foreign particles in the crystal matrix
- Uneven distribution of LCD matrix during manufacturing
- Non-uniform luminance distribution of the backlight
- Panel assembly induced stress
- Flaws within the LCD cells
- Thermal induced stress high temperature operation over long periods of time

HOW TO AVOID MURA

Although we can not guarantee the complete eradication of Mura every time, in general the appearance of Mura can be minimized by these methods:

- Lower the backlight brightness
- Use a screen saver
- Reduce the ambient temperature around the unit

10. Cleaning and Troubleshooting

10.1. Cleaning

Caution When Using the Display

- Do not bring your hands, face or objects close to the ventilation holes of the display. The top of the display is usually very hot due to the high temperature of exhaust air being released through the ventilation holes. Burns or personal injuries may occur if any body parts are brought too close. Placing any object near the top of the display could also result in heat related damage to the object as well as the display itself.
- Be sure to disconnect all cables before moving the display. Moving the display with its cables attached may damage the cables and thus cause fire or electric shock.
- Disconnect the power plug from the wall outlet as a safety precaution before carrying out any type of cleaning or maintenance procedure.

Front Panel Cleaning Instructions

- The front of the display has been specially treated. Wipe the surface gently using only a cleaning cloth or a soft, lint-free cloth.
- If the surface becomes dirty, soak a soft, lint-free cloth in a mild detergent solution. Wring the cloth to remove excess liquid. Wipe the surface of the display to remove dirt. Then use a dry cloth of the same type to dry.
- Do not scratch or hit the surface of the panel with fingers or hard objects of any kind.
- Do not use volatile substances such as insert sprays, solvents and thinners.

Cabinet Cleaning Instructions

- If the cabinet becomes dirty, wipe the cabinet with a soft, dry cloth.
- If the cabinet is extremely dirty, soak a lint-free cloth in a mild detergent solution. Wring the cloth to remove as much moisture as possible. Wipe the cabinet. Use another dry cloth to wipe over until the surface is dry.
- Do not use solution that contains oil to clean the plastic parts. Such product damage the plastic parts and void the warranty.
- Do not allow any water or detergent to come into contact with the surface of the display. If water or moisture gets inside the unit, operating problems, electrical and shock hazards may result.
- Do not scratch or hit the cabinet with fingers or hard objects of any kind.
- Do not use volatile substances such as insert sprays, solvents and thinners on the cabinet.
- Do not place anything made from rubber or PVC near the cabinet for any extended periods of time.

10.2. Troubleshooting

Symptom	Possible Cause	Remedy
No picture is displayed	 The power cord is disconnected. The main power switch on the back of the display is not switched on. The selected input has no connection. The display is in standby mode. 	 Plug in the power cord. Make sure the power switch is switched on. Connect a signal connection to the display.
Interference displayed on the display or audible noise is heard	Caused by surrounding electrical appliances or fluorescent lights.	Move the display to another location to see if the interference is reduced.
Color is abnormal	The signal cable is not connected properly.	Make sure that the signal cable is attached firmly to the back of the display.
Picture is distorted with abnormal patterns	 The signal cable is not connected properly. The input signal is beyond the capabilities of the display. 	 Make sure that the signal cable is attached firmly. Check the video signal source to see if it is beyond the range of the display. Please verify its specifications with this display's specification section.
Display image doesn't fill up the full size of the screen	 The zoom mode is not set correctly. Scan Mode may be set incorrectly to underscan. If the image exceeds the screen size, Scan Mode may need to be set to Underscan. 	Use the Zoom mode or Custom zoom function in the Screen menu to fine tune display geometry and time frequency parameter.
Can hear sound, but no picture	Source signal cable is connected improperly.	Make sure that both video inputs and sound inputs are correctly connected.
Can see picture but no sound is heard	 Source signal cable is connected improperly. Volume is turned all the way down. {Mute} is turned on. No external speaker connected. 	 Make sure that both video inputs and sound inputs are correctly connected. Press [+] or [-] button to hear sound. Switch MUTE off by using the [•] button. Connect external speakers and adjust the volume to a suitable level.
Some picture elements do not light up	Some pixels of the display are off.	This display is manufactured using an extremely high level of precision technology: however, sometimes some pixels of the display may not display. This is not a malfunction.
After-Images can still be seen on the display after the display is powered off. (Examples of still pictures include logos, video games, computer images, and images displayed in 4:3 normal mode)	A still picture is displayed for an over extended period of time	Do not allow a still image to be displayed for an extended period of time as this can cause a permanent after-image to remain on the display.

11. Technical Specifications

Display.	
Item	Specifications
Screen Size (Active Area)	904.32(H) x 254.34(V)/37.0 Inch
Aspect Ratio	32:9
Number of pixels	1920 x 540 Pixels
Pixel pitch	0.47 (H) x 0.47 (W) [mm]
Displayable colors	Normally Black
Brightness (typical)	700 cd/m ²
Contrast ratio (typical)	4000:1
Viewing angle	89 degrees

In/Out Terminals:

Item		Specifications
Audio Output	3.5 mm phone jack x 1	0.5V [rms] (Normal) / 2 Channel (L+R)
Audio Input	3.5 mm phone jack x 1	0.5V [rms] (Normal) / 2 Channel (L+R)
RS232	2.5 mm Phone jack x 2	RS232 in/RS232 out
RJ-45	RJ-45 Jack x 2 (8 pin)	10/100 LAN Port In/Out
HDMI Input /Output	HDMI Jack x 2 (Type A) (19 pin) (HDMI in x 1 & HDMI out x 1)	Digital RGB: TMDS (Video + Audio) MAX: Video - 720p, 1080p, 3840 x 2160/60 Hz Audio - 48 KHz/ 2 Channel (L+R) Supports LPCM only
VGA Input	VGA Jack	Analog RGB: 0.7V [p-p] (75Ω), H/CS/V: TTL (2.2kΩ), MAX: 1920 x 1080/60 Hz (WUXGA)
IR Input/Output	3.5 mm x 2	IR pass through
USB Input	USB x 1 (Type A)	USB 2.0, Multimedia play and service port

General:

Item	Specifications		
Power Input	100 - 240V~, 50/60Hz		
Power Consumption (Max)	85 W		
Power Consumption (typ.)	70 W		
Power Consumption (Standby Mode & Off Mode)	<0.5 W		
Dimensions [W x H x D]	928.5 mm x 282.3 mm x 48.7 mm		
Weight	7.76 Kg		
Gross Weight	10.5 Kg		
Visible Screen Size	904.32(H) x 254.34(V)/37.0 Inch		
On Mode Power Consumption (W)	75 W		
Standby Mode Power Consumption (W)	0.5 W		
Off Mode Power Consumption (W)	0.3 W		
Display Resolution (Pixels)	1920 x 540 Pixels		

Environmental Condition:

Item		Specifications
Temperature	Operational	0 - 40°C
	Storage	-20 - 60°C
Humidity	Operational	20 - 80% RH (No condensation)
	Storage	5 - 95% RH (No condensation)
Altitude	Operational	0 - 3,000 m
	Storage / Shipment	0 - 9,000 m



Professional Display Solutions

Warranty

Warranty policy for Philips Professional Display Solutions

Thank you for purchasing this Philips product. Philips products are designed and manufactured with high standards and deliver high quality performance, ease of use and ease of installation. If you encounter any difficulties while using your product, we recommend that you first consult the user manual or the information in the support section of the website, where (depending on the product type) you may find a downloadable user manual, frequently asked questions, instruction videos or a support forum.

LIMITED WARRANTY

In the unlikely event the product requires service, we will arrange for your Philips product to be serviced free-of-charge within the warranty period, provided that the product was used in accordance with the user manual (e.g. in the intended environment).

For these product categories, a partner company of Philips is the warrantor of the product. Please check the documentation supplied with your product.

WHO IS COVERED?

Your Warranty coverage begins from the first date of purchase of the product. You need to provide proof of purchase to receive warranty service. A valid sales receipt or other valid document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

If any defect due to faulty materials and/or workmanship occurs within the warranty period, we will make arrangements for a free of charge service. Where a repair is not possible or not commercially viable, we may replace the product with a new or equivalent refurbished product with similar functionality. Replacement will be offered at our discretion and the warranty will continue from the date of original purchase of the first date of purchase of the product. Please note that all parts, including repaired and replaced parts, are covered only for the duration of the original warranty period.

WHAT IS EXCLUDED? Your warranty does not cover:

- Consequential damages (including but not limited to loss of data or loss of income), nor compensation for activities done by yourself, such as regular maintenance, installing firmware updates or saving or restoring data (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of various types of external devices (e.g., WiFi, antenna, USB dongles, OPS type devices) and other systems outside of the product.
- Reception problems caused by signal conditions or cable or antenna systems outside the unit.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- If the model or production number on the product has been altered, deleted, removed or made illegible.

The warranty applies on condition that the product has been handled properly for its intended use and in accordance with the operating instructions

To Obtain Warranty Service And Information

For detailed warranty coverage information and additional support requirement and help line, please contact the seller and/ or system integrator you purchased the product from. Please note in the USA, this limited warranty is only valid for Products purchased in the Continental United States, Alaska, and Hawaii.

Before Requesting Service

Please check your user's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

WARRANTY PERIOD

Warranty period for PHILIPS signage display is listed as below, for areas not covered in this table, please follow their warranty statement.

Standard warranty period for PHILIPS signage display is listed as below, for areas not covered in this table, please follow the local warranty statement.

Region	Standard Warranty Period
USA, Canada	3 years
China	1 year
Japan	3 years
Rest of world	3 years
Mexico	3 years
Brazil	3 years
Chile	3 years
Peru	3 years

Note that for professional products, the specific warranty terms of the sale- or purchase agreement may apply.

Index

А

AC Switch Cover 14

С

Cleaning and Troubleshooting 38 Connecting External Equipment 15 Control Panel 6

I

Input Mode 35 Input/Output Terminals 7

Μ

Mounting on a Wall 4

0

Operating range of the remote control 12 Operation 18 OSD Menu 30

Ρ

Parts and Functions 6 Pixel Defect Policy 36

R

Remote Control 8

S

Safety Instructions iii Setting UI 19

Т

Technical Specifications 40

U

Unpacking and Installation 1 Unpacking Notes 2

W

Warranty policy for Philips Professional Display Solutions 42



2022 $\ensuremath{\mathbb C}$ TOP Victory Investments Ltd. All rights reserved.

This product has been manufactured by and is sold under the responsibility of Top Victory Investments Ltd., and Top Victory Investments Ltd. is the warrantor in relation to this product. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. and are used under license.

Specifications are subject to change without notice.