Life's Good

Easy Setup Guide

Mini-PC for Signage

PC100/PC200/PC700

Please read this guide carefully before using this product and keep it for future reference. Please record the model number and serial number of the product on this guide. You will need to provide this information (if applicable) when you require service.

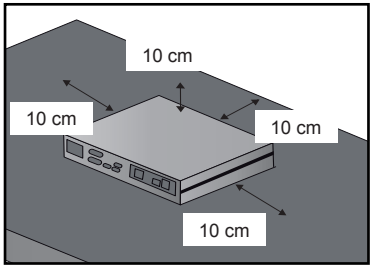
Safety Precautions

Please read these safety precautions carefully before using the product.

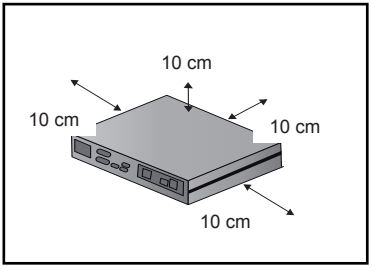
- Make sure to connect the power cable a grounded outlet.
  - You may be electrocuted or injured.
- Use the rated voltage only.
  - The product can be damaged, or you may be electrocuted.
- During a thunder or lightning storm, unplug the power cable or signal cable.
  - You may be electrocuted or a fire can break out.
- Do not touch the power plug with wet hands. Additionally, if the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off.
  - You may be electrocuted due to excess moisture.
- Do not insert a conductor (like a metal chopstick) into one end of the power cable while the other end is connected to the input terminal on the wall. Additionally, do not touch the power cable right after plugging into the wall input terminal.
  - You may be electrocuted.
- The appliance coupler is used as the disconnect device.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Installation Environment of Mini-PC for Signage

Leave at least 10 cm of space at each side of the product from an obstacle when installing the product to ensure sufficient ventilation.



< Install Mini-PC for Signage Attached to Monitor >



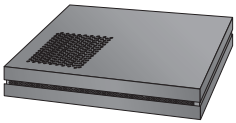
< Install Mini-PC for Signage>

MFL69325402

P/NO. : MFL69325402(1506-REV00)
Printed in Korea

PC100 Components

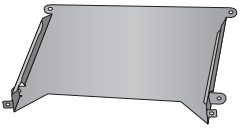
Please check that these components are present prior to installing.



PC100



Owner's Manual / Cards



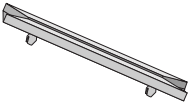
Box Guide



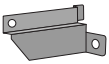
Power Cable



RS-232C Cable



Rail x 2



Handle x 2



M3, L8 x 8
(for attachment of handle)



M3, L12 x 4
(for attachment of Box Guide on the monitor)

Weight 1.590 kg

- The specifications shown above may change without prior notice for quality improvement.

Note

- SuperSign software and manual.
  - Downloading from the LG Electronics website.
  - Visit the LG Electronics website (*http://www.lgecommercial.com/supersign*) and download the latest software for your model.
    (Depending on the model, this feature may not be supported.)

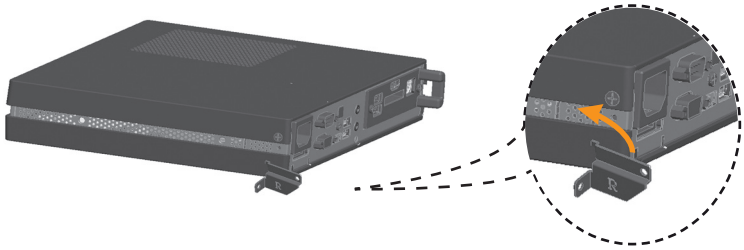
PC100 Monitor Integration

We recommend you to use the items provided with your PC100 and follow our instructions for integrating the product with your monitor in order to ensure the correct results.

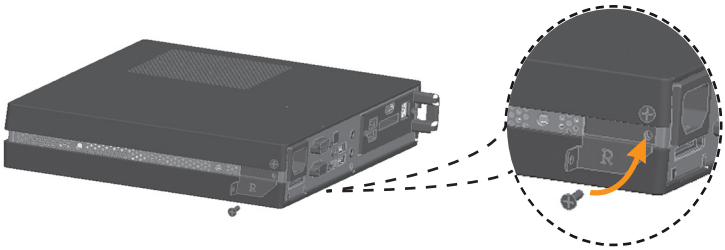
Attention

The illustrations shown are to guide your integration and may differ from your product.

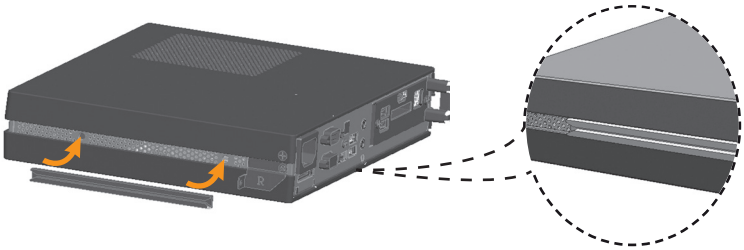
1 Place the handle into the slots on the side of the product.



2 Use screws to secure the handle.



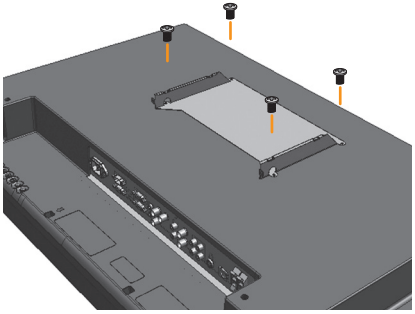
3 Place the rail in the slots on the side of the product.



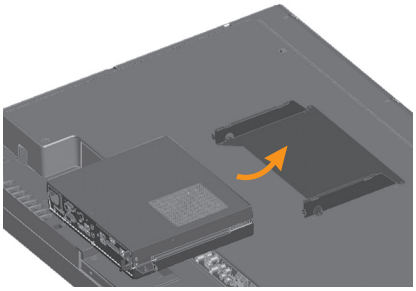
Warning

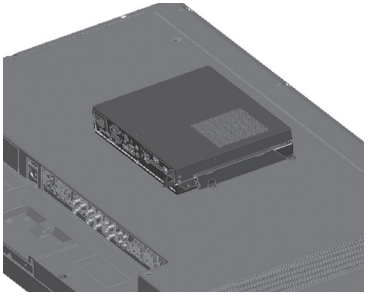
- Be careful of sharp edges on the rail and the handle.
- Fixing the product with non-standard screws may cause damage or the product to fall down. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- Do not over tighten the screws as this may cause damage to the product and void your warranty."

4 As shown below, use screws to secure the Box Guide in the four tap holes at the back of the monitor.

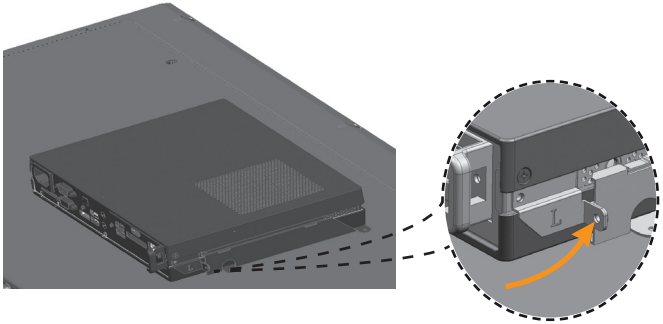


5 Attach the Box Guide to the rail slots, and press it upward.





6 Use screws to secure the product and the Box Guide as shown below.



PC100 In/Out Cable Connection

Connecting a Monitor with D-sub Cable

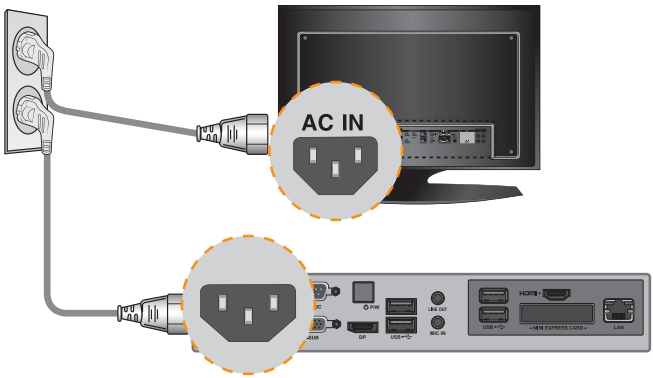
Attention

Audio is not available when only the D-SUB cable is connected to the monitor. A LINE-OUT cable must be connected for audio output to function.

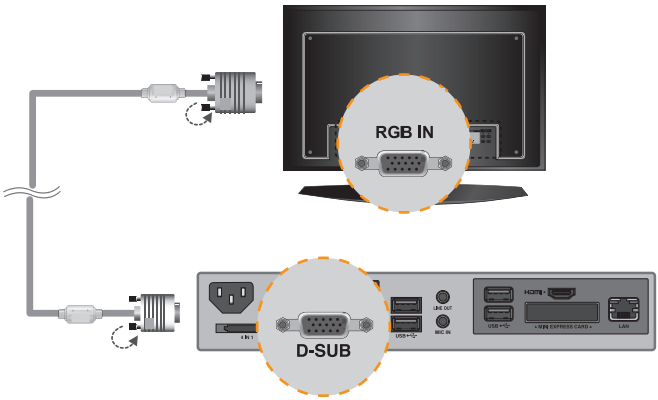
Note

D-sub cables are also known as RGB cables.

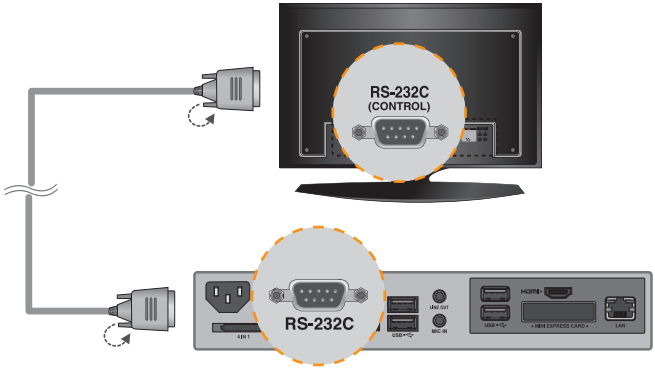
1 Connect the appropriate power cables to a monitor and PC100 respectively.



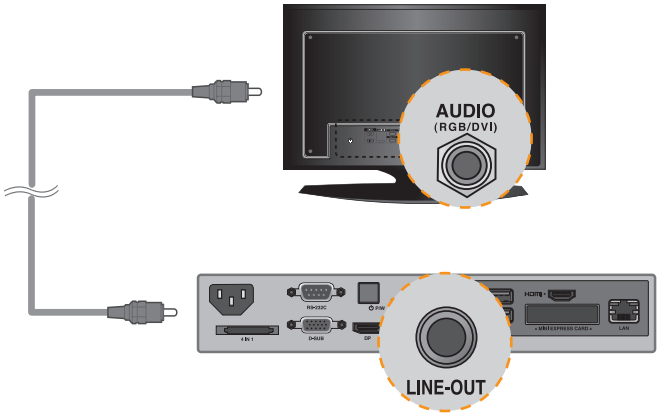
2 Connect the D-sub port of PC100 and RGB-IN port of the monitor with a D-sub cable.



3 Connect PC100 (OUT) to the monitor (IN) with an RS-232C cable.



4 Connect the PC100 to the monitor with a LINE-OUT cable.



5 Connect a LAN cable to the PC100.



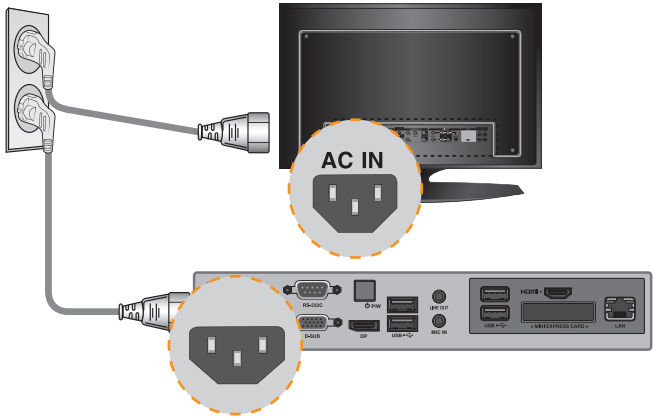
Connecting a Monitor with an HDMI Cable

HDMI connections allow digital video and audio signals to be transferred with one cable.
HDMI cable connections do not require an additional audio in cable.

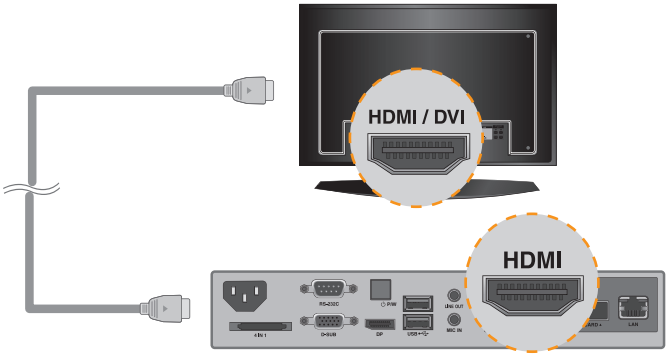
Attention

- The monitor to connect with PC100 should have the HDMI in for the HDMI connection.
- To use the HDMI device, you need to activate the HDMI device in Microsoft Windows Embedded Standard, the operating system of the PC100. To connect and disconnect the HDMI audio device, see the Connecting/Disconnecting HDMI Audio Device in Windows section of this document.

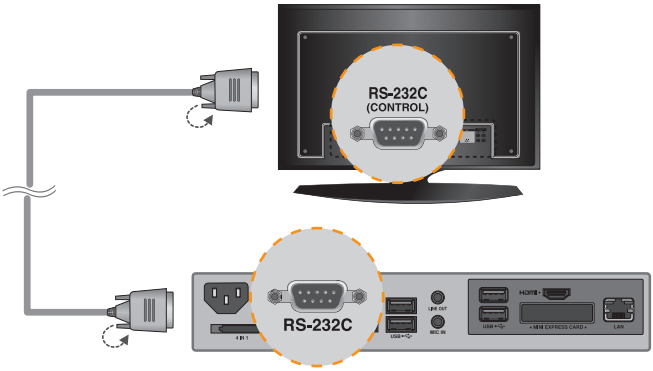
1 Connect the appropriate power cables to a monitor and PC100 respectively.



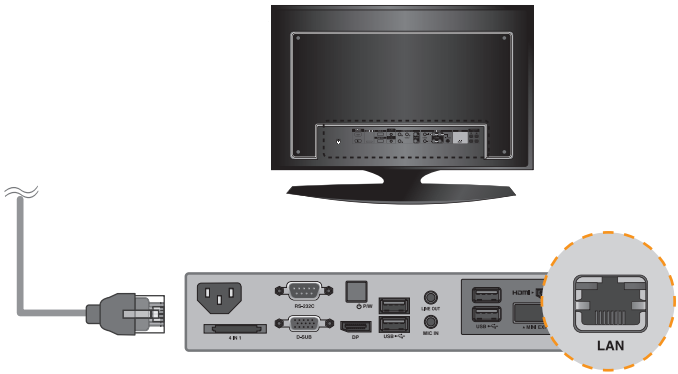
2 Connect PC100 to a monitor with an HDMI cable.



3 Connect PC100 (OUT) to the monitor (IN) with an RS-232C cable.



4 Connect a LAN cable to PC100.

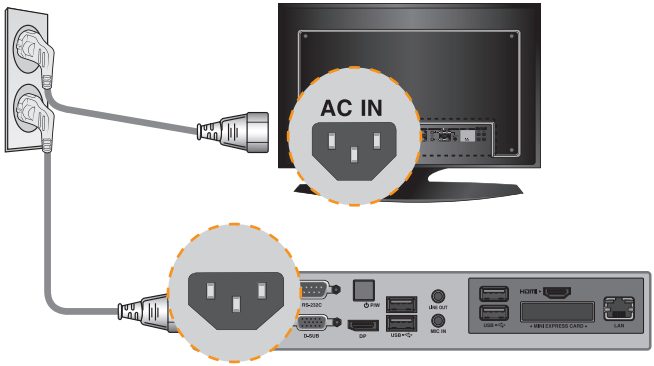


Connecting a Monitor with DP Cable

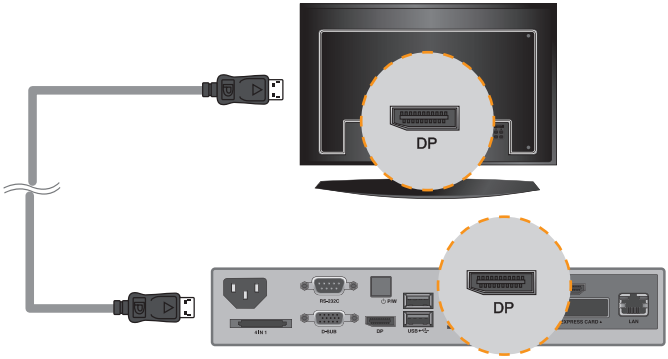
Attention

- To enable DP connection, the monitor that will be connected to PC100 must support the DP input port.
- When connecting the DP (DisplayPort) cable, use the standard cable. Using a non-standard cable may cause a malfunction.

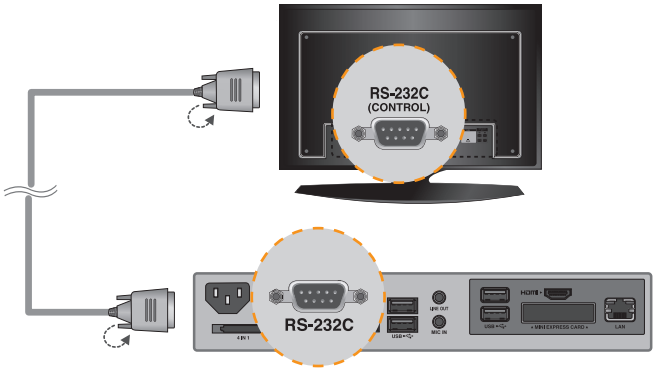
1 Connect the appropriate power cables to a monitor and PC100 respectively.



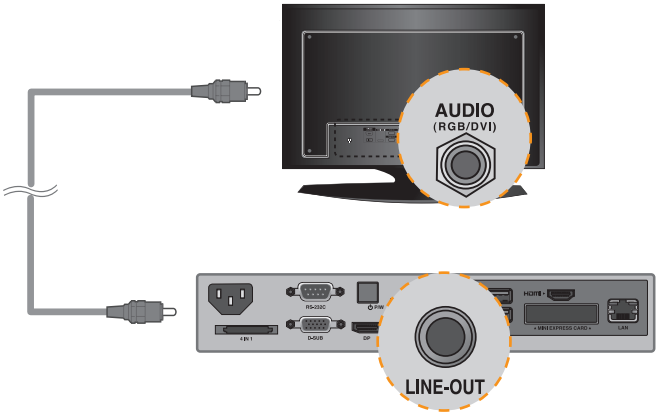
2 Connect PC100 to the monitor via a DP cable.



3 Connect PC100 (OUT) to the monitor (IN) with an RS-232C cable.



4 Connect the PC100 to the monitor with a LINE-OUT cable.

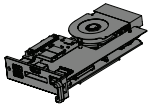


5 Connect a LAN cable to PC100.



PC200 Components

Please check that these components are present prior to installing.



PC200



Owner's Manual/Cards



screw x 2

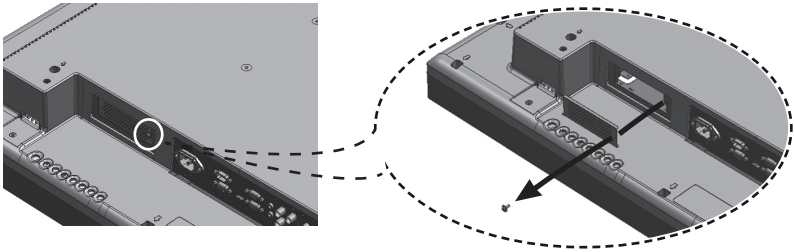
Weight 0.288 kg	● The specifications shown above may change without prior notice for quality improvement.

Note

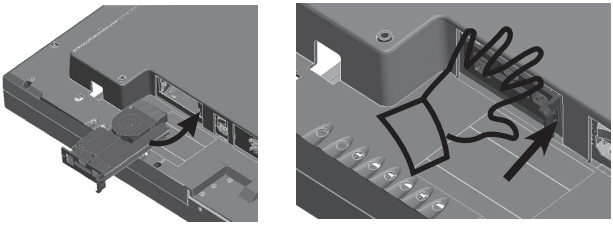
● SuperSign software and manual.
- Downloading from the LG Electronics website.
- Visit the LG Electronics website (*http://www.lgecommercial.com/supersign*) and download the latest software for your model.
(Depending on the model, this feature may not be supported.)

PC200 Monitor Integration

1 Remove the screw & metal cover.



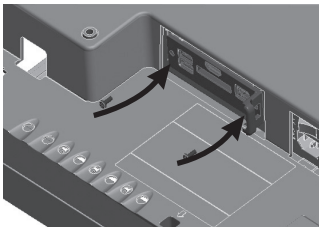
2 Attach the product to the rail slots, and press it upward.



Note

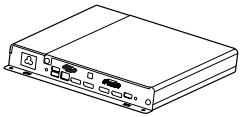
If card does not become fully inserted into the insertion direction.
Hit by hand carefully to make fully connected.

3 Use screws to secure the product and the product as shown below.



PC700 Components

The PC700 comes with the following components. Please check that these components have been included prior to installation.



PC700



Owner's Manual / Cards



Power Cable



M 3.0 mm x Pitch 0.5 mm
x Length 6.0 mm X 4ea

Attention

- These illustrations may differ from your product and are subject to change.
- In some countries, a Y-type cable may be provided instead of the power cord.
- Always use genuine components to ensure safety and product life. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.

Note

- SuperSign software and manual.
  - Downloading from the LG Electronics website.
  - Visit the LG Electronics website (*http://www.lgecommercial.com/supersign*) and download the latest software for your model.
    (Depending on the model, this feature may not be supported.)

Optional Items

The following items are supported by the PC700, but are not provided with the product.

Please purchase optional items as needed.

- DP(Display Port) cable, LINE-OUT(Audio Out) cable, LAN cable, mouse, keyboard.

Weight	SSD 2.3kg / 1T HDD 2.4kg	• The specifications shown above may change without prior notice for quality improvement.

PC700 Monitor Integration

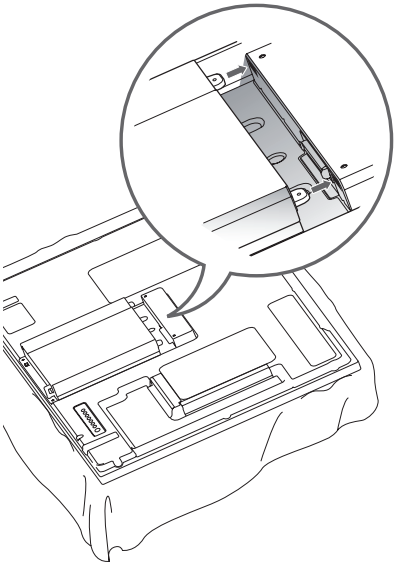
**WS50, **LT55A Models

We recommend you to use the items provided with your PC700 and follow our instructions for integrating the product with your monitor in order to ensure the correct results.

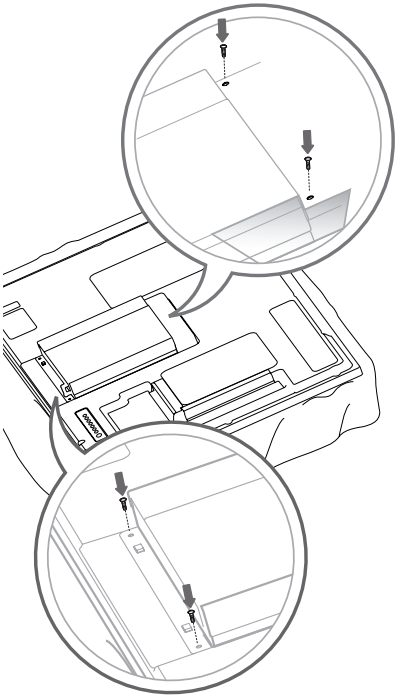
Attention

The illustrations shown are to guide your integration and may differ from your product.

1 Place a soft cloth on the table and put the product on the table with the screen facing downward. Push the PC700 into the compartment to mount it.



2 Secure the PC700 to the set using the four screws provided.



Attention

- Be careful of sharp edges on the rail and the handle.
- Attaching the product with non-standard screws may cause damage or the product to fall down. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- Do not over tighten the screws as this may cause damage to the product and void your warranty.

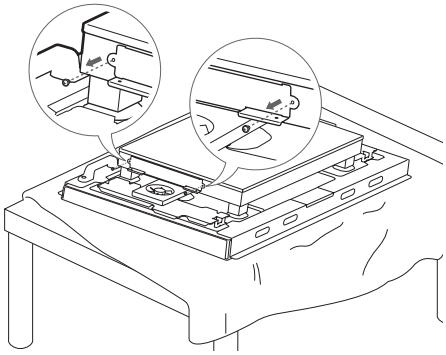
**WX50MF Model

For proper use, it is recommended to use the basic components provided with the PC700 to attach it to a monitor.

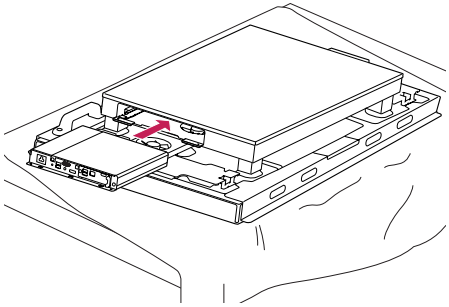
Attention

The picture shows an example connection and may look different to the product that you have.

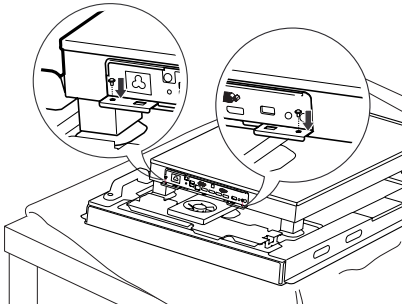
1 Place a soft cloth on the table and put the product on the table with the screen facing downward. Remove the opening cover by unfastening two screws as shown in the picture.



2 Push the PC700 into the compartment to mount it.



3 Secure the PC700 to the product using the two screws provided.



Attention

- Be careful of sharp edges on the rail and the handle.
- Attaching the product with non-standard screws may cause damage or the product to fall down. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- Do not over tighten the screws as this may cause damage to the product and void your warranty.

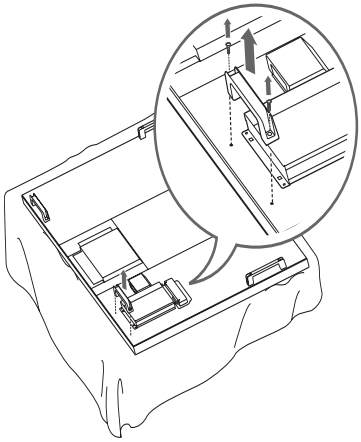
84WS70MS Model

For proper use, it is recommended to use the basic components provided with the PC700 to attach it to a monitor.

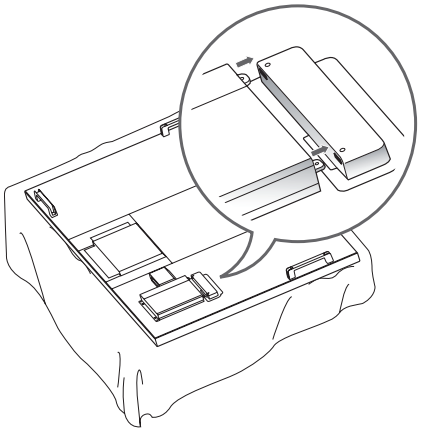
Attention

The picture shows an example connection and may look different to the product that you have.

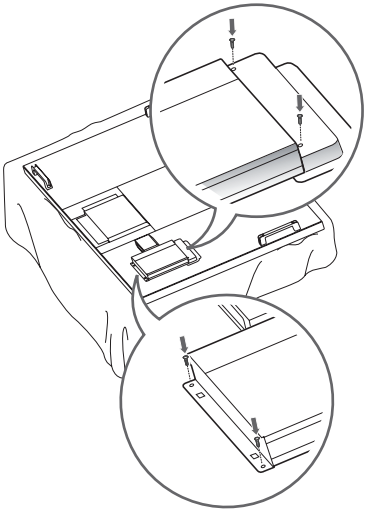
1 Place a soft cloth on the table and put the product on the table with the screen facing downward.Remove the handle at the bottom of the section where the PC700 is mounted from the set.



2 Push the PC700 into the compartment at the back of the set to mount it.



3 Secure the PC700 to the set using the four screws provided.



Attention

- Be careful of sharp edges on the rail and the handle.
- Attaching the product with non-standard screws may cause damage or the product to fall down. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- Do not over tighten the screws as this may cause damage to the product and void your warranty.

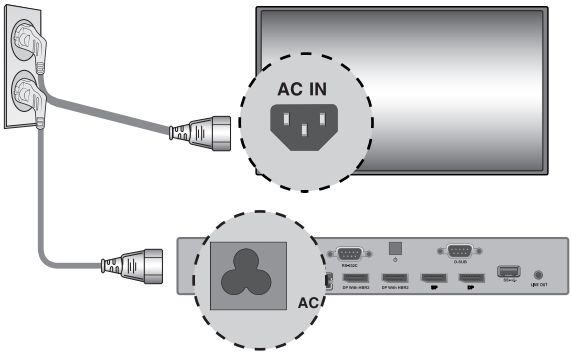
PC700 In/Out Cable Connection

Attention

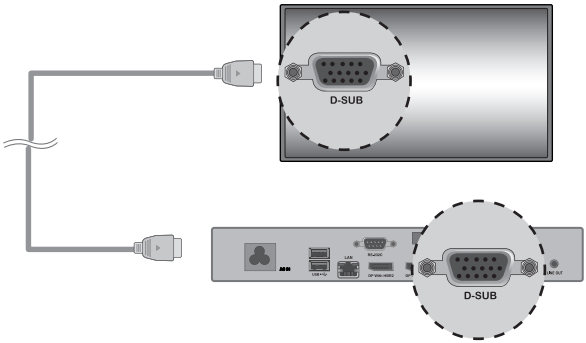
- RGB, DP(Display Port), LINE-OUT(Audio Out), and LAN cables are not included. You need to purchase these separately, if needed.
- After cabling is complete, assign the SET ID of the monitor to be connected to PC700.
- To configure the SET ID, please refer to the owner's manual for your monitor.

Connecting a Monitor with an RGB Cable

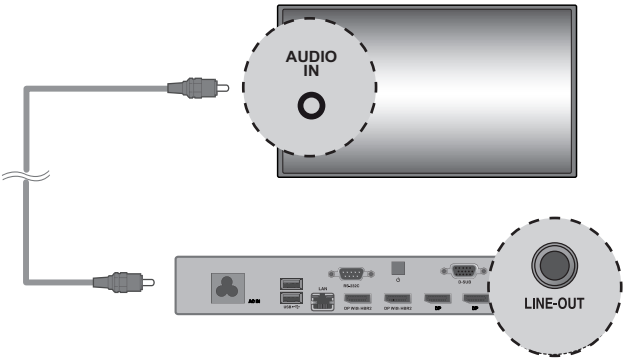
1 Connect the appropriate power cables to a monitor and PC700 respectively.



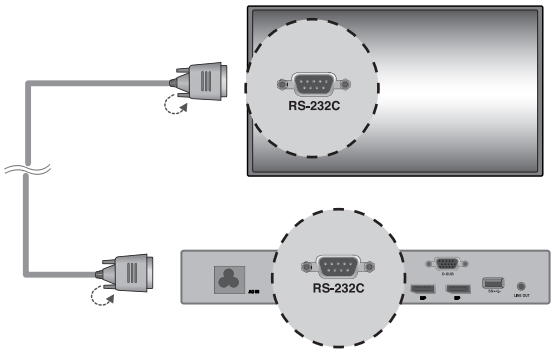
2 Connect PC700 to a monitor with an RGB cable.



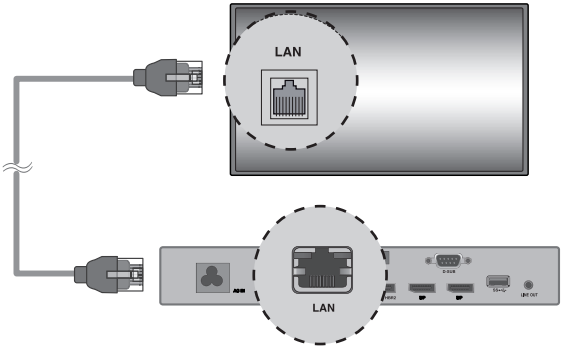
3 Connect the PC700 to the monitor with a LINE-OUT(Audio Out) cable.



4 Connect PC700 (OUT) to the monitor (IN) with an RS-232C cable.

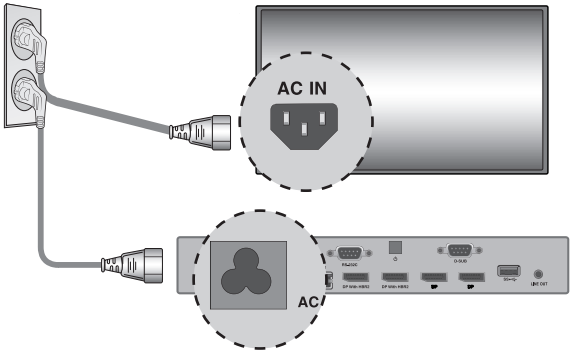


5 Connect a LAN cable to PC700.

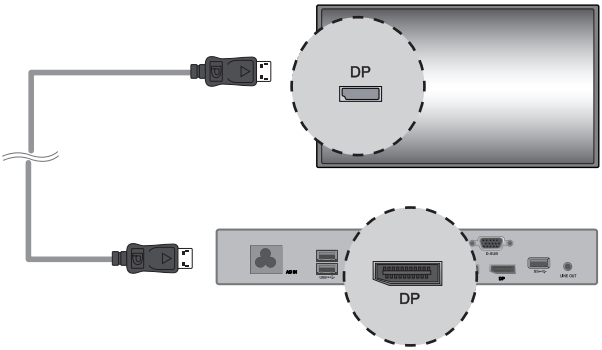


Connecting a Monitor with DP(Display Port) Cable

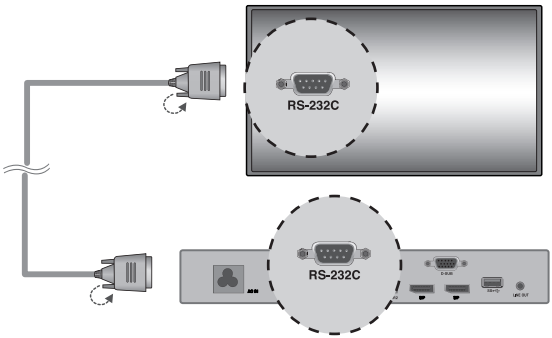
1 Connect the appropriate power cables to a monitor and PC700 respectively.



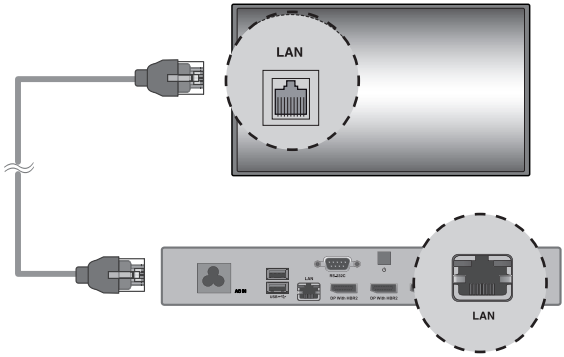
2 Connect PC700 to the monitor via a DP cable.



3 Connect PC700 to the monitor (IN) with an RS-232C cable.



4 Connect a LAN cable to PC700.



Attention

- If you connect multiple cables simultaneously and turn the product on, video output is prioritized accordingly.
- For DP output, the screen is displayed only when the power is turned on after connecting the cables or when the cables are connected after the OS is booted.


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