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Multimedia Function Display
Multi-function LCD

BDL3210Q

BDL4210Q

BDL4610Q



EN User Guide

PHILIPS

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1 Important note

Please read this information before using your display. Damages caused by not doing so are not covered by Limited Warranty provided by this product.

Safety

Be careful of electric shock or fire!

- Do not expose your display to rain or water. Do not place liquid container (e.g. vase) near your display. In case there is liquid splashed on surface of or into your display, please unplug it from any power source immediately. Please consult with Philips customer service center for inspection before using your display.
- Do not expose your display, remote controller, or battery to open flames or other heat sources (including direct sunlight).
  Do not expose your display, remote controller, or battery to lit candles or open flames as this may cause fire.



- Do not insert any object in the ventilation slots or any other openings in your display.
- Keep the power cord to be slack when turning your display. A tensed power cord may loosen the power connector and cause sparks.

Watch out for short circuit or fire!

- Do not expose the remote controller or battery in rain, water, or extremely hot environment.
- Do not remove the power plug by pulling the power cord. Loosened power plug may cause spark or lead to fire.

Be careful of personal injury or display damage!

- Please move this product by two people as it weighs more than 25 kilograms.
- Please install your display on stand come with your product. Please fasten the stand to your display securely. Place your display on level, flat, and robust surface that can withstand the total weight of your display and stand.
- Use strong enough bracket when wall mounting your display.Secure the wall mounting bracket to walls being strong enough to withstand the total weight of your display and mount rack.In no event shall Monitors & Displays Taiwan Ltd. be liable for any accident, personal injury, or loss caused by improper installation.

Watch out for children injury!

Please observe following precautions to avoid children injury by falling display:

- Do not place display on top of surface covered by cloth or other material that can be pulled by children.
- Ensure each edge of your display is placed within the borderlines of the installation surface.
- In case the display is placed on top of taller furniture (e.g. a bookcase), do secure both the furniture itself and your display to adjacent wall or proper supporting structure.
- Make sure your children are well known about risks of touching the display by climbing on top of the furniture.

Be careful of swallowing the battery!

- This product/remote controller features a coin size battery that may be swallowed intentionally. Keep battery out of children's reach.

Be careful of overheat!

- Do not install your display in closed space. Keep at least 4 inch (10 mm) space around your display for ventilation. Make sure ventilation slots of your display are not blocked by curtains or other objects.

Be careful of display damage!

- Make sure voltage of the power socket matches with the one indicated at the back of your display before connecting it to the power outlet. Do not connect your display to any power socket if the required voltage is not provided.

Be careful of personal injury, fire, or power cord damage!

- Do not place your display or any object on the power cord.
- Keep the power cord be always and completely reachable to ensure that you can easily disconnect your display from the wall socket.
- Hold the plug instead of the cord when disconnecting your power cord.
- In case of thunderstorm, please disconnect your display from power socket and antenna connection in advance. Do not touch your display, power cord, or any part of the antenna in case of thunderstorm.

Be careful of hearing loss!

- Do not use headset or earpiece in long time or high volume.

Low temperature

- For display transported in temperature lower than 5°C, please unpack your display and wait for it to warm to the indoor temperature before connecting to power socket.

Screen maintenance

- Avoid still image at your best. Still image is image that remain intact on the screen for long time. This may include screen menu, black strip and time display. If still image is necessary, please reduce contrast and brightness of screen to avoid screen damage.
- Unplug your display before attempting to clean it.
- Clean your display and frame with soft and damp cloth. Do not clean your display with Alcohol, chemicals or household cleaners.
- Be careful of display screen damage! Do not touch, press, rub, or knock your display screen with any object.
- Please wipe off any droplet to avoid deformation and discolor.

Disposal of old product and battery



This product is made of recyclable high-performance materials and components.



This symbol, a wheeled trash can with a cross mark, indicate this product is EN Directive 2002/96/EC compliant. Please check local recycling system for electric and electronic equipments.
Please observe local regulations. Please do not treat your old display as household waste.
By ensuring your old display is disposed of correctly you will help prevent potential negative consequences for the environment and human health.



This product contains battery indicated by EN Directive 2002/96/EC. Do not place it in municipal waste for disposal.
Please observe local regulations for disposal of batteries. By ensuring your old battery is disposed of correctly you will help prevent potential negative consequences for the environment and human health.



This product qualifies for ENERGY STAR in the factory default setting and this the setting in which power savings will be achieved. Changing the factory default picture setting or enabling other features will increase power consumption that could exceed the limits necessary to quality for Energy Star rating.

Important Safety Instructions （US）

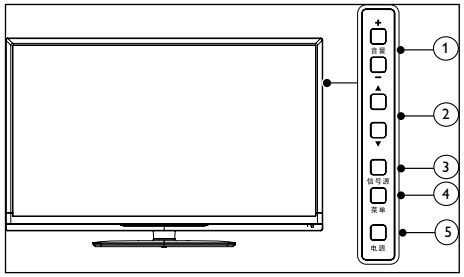
- Read these instructions.
- Keep these Instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachment/accessories specifi ed by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specifi ed by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualifi ed service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

2 Display overview

Control panel



① Volume +/-: Increase and decrease volume respectively.

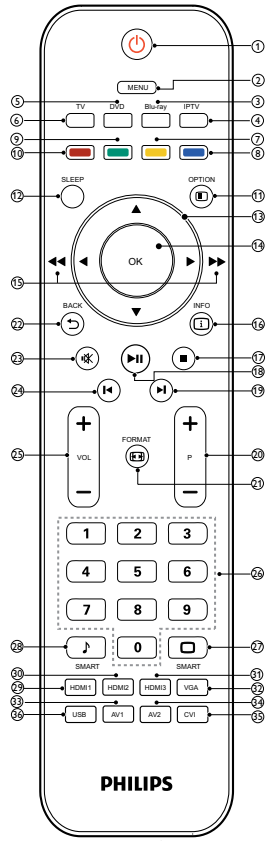
②

③ Signal source: Press it to show list of various signal sources.

④ Menu: Open or close main menu.

⑤ Power: Power on or power off your product. This product is fully powered off only when it is unplugged.

Remote controller



① ⏻ (Standby - power on)
- Switch to standby mode when your display is ON.
- Turn your display off when it is in standby model.

② MENU
Open or close main menu.

③ Blu-ray
Key number on your remote controller changes.

④ IPTV
Key number on your remote controller changes.

⑤ DVD
Key number on your remote controller changes.

⑦ Yellow key
Sound pattern switch.

⑧ Blue key
Sleep clock. Switch your display to standby mode after given time.

⑩ Red key
Demo menu (Digital crystal color, active control).

⑪ OPTION
Browse to options relevant with current action or selection.

⑫ SLEEP

⑬ ▲▼◀▶ Navigation button
- Open the navigation menu in menu mode.
- Press ◀▶ to search forward or backward during AV playback in USB mode.

⑭ OK
- Confirm input or selection and display channel list when viewing program in menu mode.
- Play/stop in USB mode.

⑮ ◀◀ ▶▶

⑯ INFO
Browse to options relevant with current action or selection.

⑰ ■

⑱ ▶‖

⑲ ▶|

⑳ P +/-
- Switch to last or next channel in display mode.
- Scroll to last or next page in menu mode.
- Select last or next file during AV playback in USB mode.

㉑ FORMAT
Select screen format

㉒ BACK
- Return to last screen.
- Return to last viewed channel.

㉓ 🔇
Mute or unmute.

㉔ |◀

㉕ VOL +/-
Increase and decrease volume respectively.

㉖ 0-9 numeric buttons
Select a channel or setting.

㉗ SMART
Open on screen menu.

㉘ ♪ SMART
Open sound menu.

㉙ HDMI1
Select the HDMI1 SOURCE.

㉚ HDMI2
Select the HDMI2 SOURCE.

㉜ VGA
Select the VGA SOURCE.

㉝ AV1
Select the AV1 SOURCE.

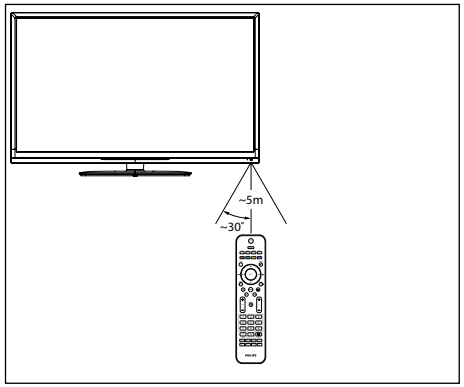
㉞ AV2
Select the AV2 SOURCE.

㉟ CVI
Select the CVI SOURCE.

㊱ USB
Currently connected USB device can be identified automatically and you may select to browse the USB in main menu. No hotkey design is required for this on remote controller.

How to use your remote controller

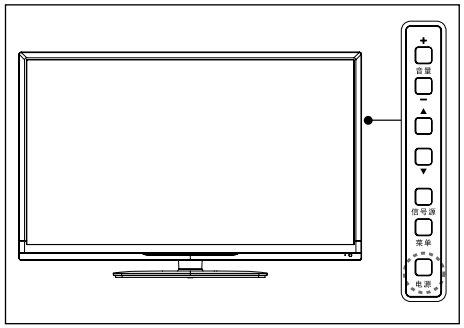
To use your remote controller, press it when close to your display and point it to the remote controller sensor. Ensure there is no furniture, wall, or other object blocking the sight between display and remote controller.

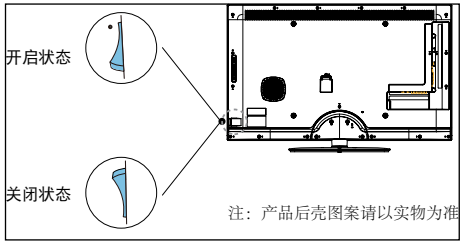


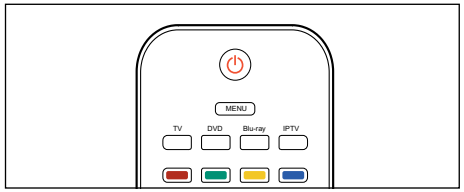
3 How to use your display

Basic display operations are described in this section.

Turn on/off display or switch to standby mode







Turn on your display

- Press the power switch, located at side of your display, to the power on position as shown in figure above.
- Press the ⏻ (Stand by - turn on) key on your remote controller if the standby indicator lights red.

Switch to standby mode

- Press the ⏻ (Stand by - turn on) key on your remote controller.
  ↳ The standby indicator turns red.

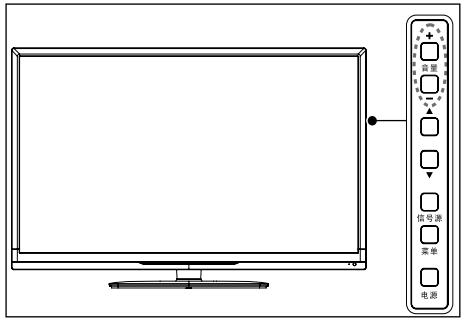
Power off your display

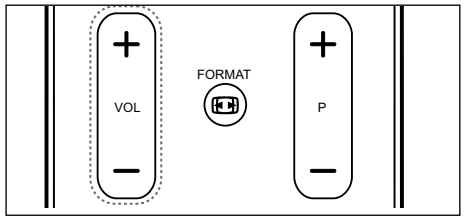
- Press the power switch, located at side of your display, to the power off position as shown in figure above.
  ↳ The standby indicator turns off.

Reminder

- Your display consumes power, though very little, in standby mode.Unplug your display from power socket if your display will not be used for long period of time.

Adjust display volume





Increase or decrease Volume respectively

- Press the volume +/- key on your display or the VOL +/- key on the remote controller.

Mute or unmute

- Press the 🔇 mute key.
- Press 🔇 again to unmute.

4 Equipment connection

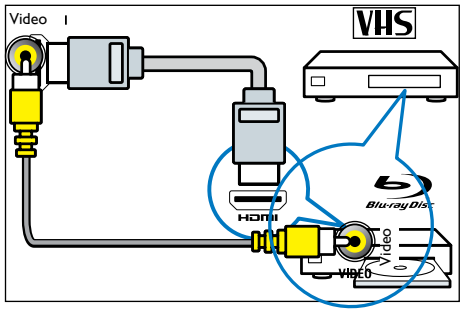
This section describes connection to equipments with different connectors.

Note

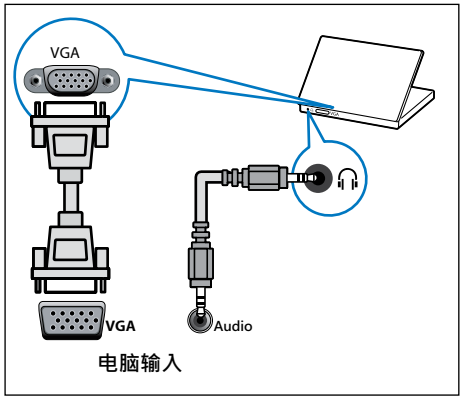
- You may connect various equipments with different connector to your display.

Connectors at bottom of display

① HDMI
Digital audio and video input from high definition digital equipments, like Blue-ray player.

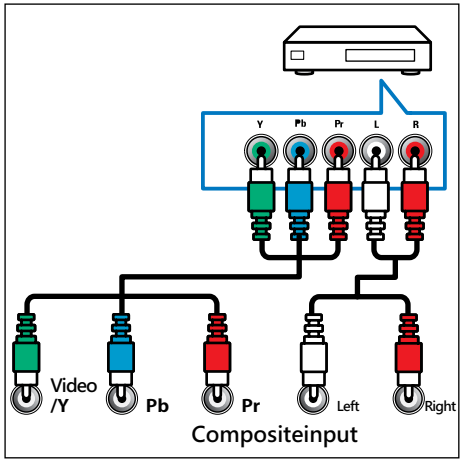


② Audio and video input from computer (The audio connector is located at side of display).



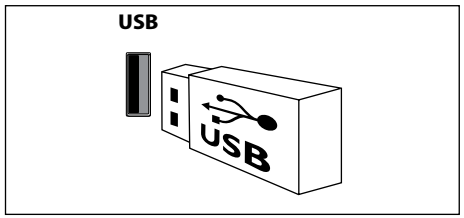
③ SERV. U
For maintenance technician use only.

④ Composite input /AV input (Video /Y Pb Pr Audio left/right)
Simulation audio and video inputs from simulation or digital devices including: DVD player or game machine.

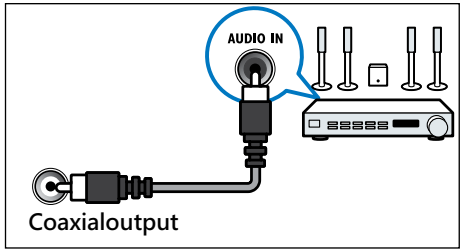


Connectors at side of display

① USB
Data input from USB storage device.



② Coaxial output
Digital audio output to home theater or other digital audio systems.

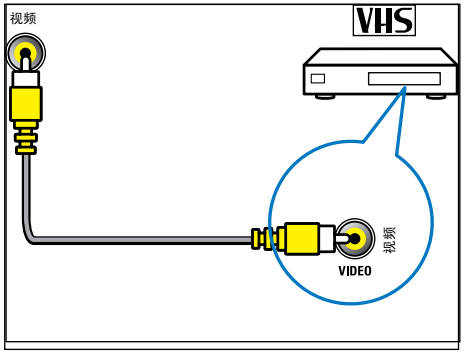


③ Earphone
Stereo sound output to earphone.

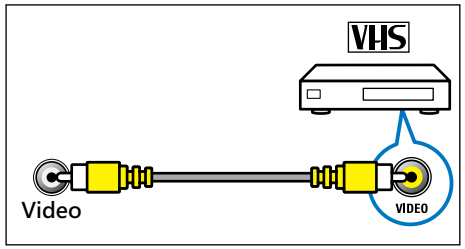
Note

- Loudspeaker of display mutes automatically when earphone is inserted.

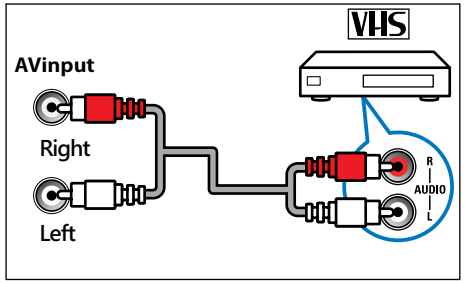
④ Video output
Composite video output to simulation devices like VCR.



⑤ Video
Composite video input from simulation devices like VCR.



⑥ AV Audio input left/right
Audio input from video connected simulation devices.



Connection to computer

Before connecting computer to your display

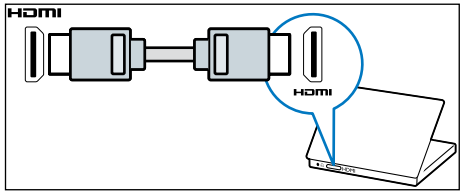
- Set refresh rate of computer screen to 60Hz.
- Select a supported screen resolution by computer.

Connect to computer via one of the following connectors:

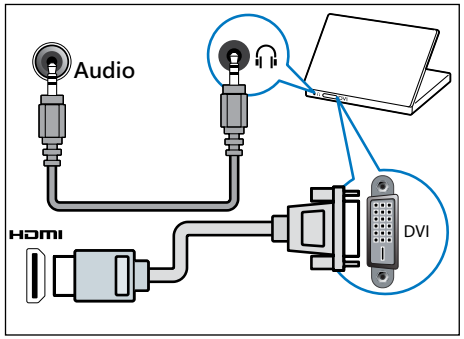
Note

- An extra audio wire is required in case of DVI or VGA connection.

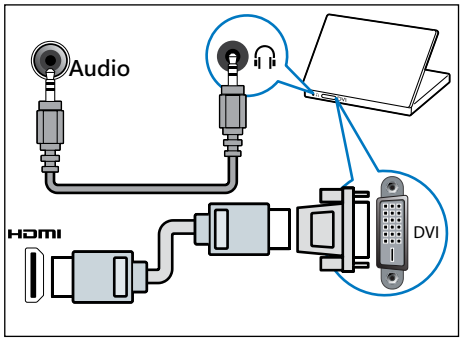
- HDMI wire



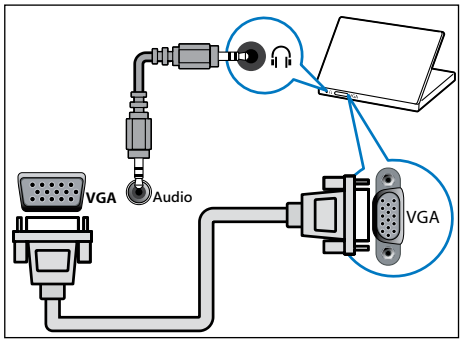
- DVI-HDMI wire



- HDMI wire and HDMI-DVI adapter



- VGA wire



English

Connect with Philips EasyLink

Improve control function for the maximum benefits by leveraging the Philips EasyLink HDMI-CEC compatible devices.HDMI-CEC compatible devices connected via the HDMI connectors can be controlled by remote controller of your display.
The following are required before enabling the Philips EasyLink:

- Connect more tan two HDMI-CEC compatible devices via the HDMI connector
- Ensure normal operation of each HDMI-CEC compatible devices
- Switch to EasyLink

Note

- The EasyLink compatible device must have been turned on and selected as the signal source.
- Philips does not guarantee 100% interoperability with every HDMI CEC device.

Enable or disable EasyLink

Once a HDMI-CEC compatible device is enabled, your display will turn on automatically and switch to correct signal source.

Note

- Do not enable Philips EasyLink if you have no intention to use it.

1 Press Menu key.
2 Select [Setup] > [Display setup] > [Easylink] > [EasyLink].
3 Select [Off] or [On], and press OK.

Use shortcut play

1 Press Play on connected device after EasyLink is enabled.
↳ Your display will switch to correct signal source automatically.

Use shortcut standby

1 Press the ⏻ (Stand by - turn on)key on your remote controller.
↳ Your display and all the connected HDMI devices switch to standby mode.

5 Product information

Product information may be changed at any time and without notice. For detailed product information, please visit www.philips.com/support.

Supported resolution

Computer format

- Resolution - refresh rate:
  - 640 x 480 - 60Hz
  - 800 x 600 - 60Hz
  - 1024 x 768 - 60Hz
  - 1360 x 768 - 60Hz
  - 1920 x 1080 - 60Hz (BDL4210Q, BDL4610Q)

Video format

- Resolution - refresh rate:
  - 480i - 60Hz
  - 480p - 60Hz
  - 576i - 50Hz
  - 576p - 50Hz
  - 720p - 50Hz, 60Hz
  - 1080i - 50Hz, 60Hz
  - 1080p - 50Hz, 60Hz. (BDL4210Q, BDL4610Q)

Multimedia

- Supported storage devices: USB (supports FAT or FAT 32 USB storage device.)
- Supported multimedia file format:
  - Image: JPEG
  - Audio: MP3
  - Video: MPEG 2/MPEG 4, H.264, WMV

Remote controller

- Battery: 2 x AAA (LR03 type)

Power

- Main power: 100-240V, 60-50Hz
- Power consumption at standby mode: ≤ 0.5 W
- Ambient temperature: 5 - 40 degree Celsius
- Power consumption:
  - BDL3210Q: 100W
  - BDL4210Q: 140W
  - BDL4610Q: 160W

Supported display stand

Please purchase Philips or VESA compatible display mounting stand to install your display. Please keep at least 2.2 inch (5.5 mm) clearance between the wall and back of your display to avoid cable and connector damage.
US:For use only with UL listed Wall Mount Bracket.

Dimension of display screen (inch)	Required distance (mm)	Required installation screws
32	200 x 100	4 x M4 (12 mm ≤ L ≤ 16 mm)
42	400 x 400	4 x M6 (18mm recommended)
46	400 x 400	4 x M6 (18mm recommended)

Product specification

Design and specification may be changed at any time and without notice.

BDL3210Q

- Without stand
  - Dimension (W x H x D): 745.2 x 462.7 x 39.9 (mm)
  - Weight: 17.75 lb
- With stand
  - Dimension (W x H x D): 745.2 x 513.2 x 180 (mm)
  - Weight: 18.47 lb

BDL4210Q

- Without stand
  - Dimension (W x H x D): 978.2 x 594.1 x 79.5 (mm)
  - Weight: 30.09 lb

Logo requirements given by Chinese Electronic Information Products Pollution Control

Name and contents table of toxic and hazardous substances and elements contained in this product

Component name		Toxic and hazardous substances and elements					
		Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6+)	Polybrominated biphenyls (PBBs)	Polybrominated diphenyl ethers (PBDEs)
Plastic frame		○	○	○	○	○	○
Back panel		○	○	○	○	○	○
LCD panel	CCFL	×	×	○	○	○	○
	LED	×	○	○	○	○	○
Power substrate		×	○	○	○	○	○
Main board		×	○	○	○	○	○
Keypad		×	○	○	○	○	○
Base		○	○	○	○	○	○
Power cord		×	○	○	○	○	○
Miscellaneous wires		×	○	○	○	○	○
Remote controller		×	○	○	○	○	○

*: The PCB assembly contains printed circuit board as well as its components including: resistors, capacitors, IC, and connectors.

○: This indicates that contents of this hazardous substance in all homogeneous material of this assembly is below the limit set by SJ/T11363-2006 (Limits of Toxic and Hazardous Substances in Electronic Information Products).

×: This indicates that contents of this hazardous substance in at least one homogeneous material of this assembly is above the limit set by SJ/T11363-2006 (Limits of Toxic and Hazardous Substances in Electronic Information Products).

Note: Some above assemblies marked with symbol "X", with hazardous substance over the given limit, cannot be replaced or made with decreased contents as restricted by existing industry technology level.



Environment protection life cycle

Product with this mark on its body indicates its Environment protection life cycle is 10 years.

The environment protection life cycle of a electronic information product is a period of time that hazardous substance or element contained in it would not leak out or vary suddenly and that the use of this electronic information product would not pollute the environment heavily and lead to serious personal injury and property damage.

Please use this product according to steps described in this User Guide within its environment protection life cycle.

Battery, the wearing parts of this product, is not covered by the environment protection life cycle.

Remarks on Management Ordinance for Disposal of Old Electrical and Electronic Product.

To better care and protect the earth, please observe local regulations for disposal of waste electric and electronic products by leaving this product, when it is to be used no more or at the end of its life cycle, at certified collection points for recycling.



X41G32MV81315B

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