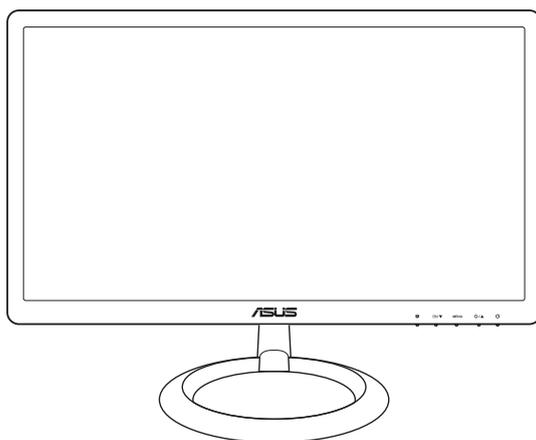


DT LCD Monitor DX201 User Guide



ASUS[®]
IN SEARCH OF INCREDIBLE

E9013

Revised Edition V2

February 2014

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Notices

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for the detailed recycling information in different regions.

REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference; and
- This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product implements power management functionality. In case of no signal input after 10 seconds, the product automatically goes to sleep/standby mode.



As an Energy Star[®] Partner, ASUS has determined that this product meets the Energy Star[®] guidelines for energy efficiency.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.

Safety and maintenance information

Your ASUS LCD Monitor is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety and maintenance instructions.

Safety instructions

- Before setting up the monitor, carefully read all the documentation that came with the package.
- To prevent fire or shock hazard, never expose the monitor to rain or moisture.
- Never try to disassemble the monitor. The dangerous high voltages inside the monitor may result in serious physical injury.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- Before using the product, ensure that all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- Slots and openings on the back or top of the monitor are provided for ventilation. Do not block these slots. Never place this product near or over a radiator or heat source unless proper ventilation is provided.
- Plug the monitor's power adapter to the correct power rating based on the label or local power regulations.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Avoid dust, humidity, and extreme temperature. Do not place the monitor in any area where it may become wet. Place the monitor on a stable surface.
- Unplug the unit during a lightning storm or if it will not be used for a long period of time. This will protect the monitor from damage due to power surges.
- Never push objects or spill liquid of any kind into the slots of the monitor.
- If you encounter technical problems with the monitor, contact a qualified service technician or your retailer.



This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

Monitor placement

1. Turn your desktop PC and your monitor off.
2. Disconnect the power and signal cables.
3. Firmly hold both sides to lift and carry your monitor. Do not lift your monitor by the stand.

Cleaning instructions

1. Turn your desktop PC and your monitor off.
2. Disconnect the power and signal cables.
3. Clean the monitor screen with a lint-free, non-abrasive cloth. Stubborn stains may be removed with a cloth dampened with a mild cleaner.



-
- Use a cleaner that is intended for use with an LCD monitor.
 - Do not use a cleaner containing alcohol or acetone.
 - Do not spray the cleaner directly on the screen as it may drip inside the monitor and cause an electric shock.
-

LCD monitor behavior

- The monitor screen may flicker when you use it for the first time. Turn your monitor off, then turn it on again to ensure that your monitor stops flickering.
- The monitor screen may appear unevenly bright depending on the desktop pattern that you use. Configure the screen to your preferred settings.
- When you encounter a black or flashing screen, contact your dealer or the ASUS Service Center. Do not try to fix your monitor by yourself.

Conventions used in this guide

To ensure that you perform certain tasks properly, take note of the following symbols used throughout this manual.



DANGER/WARNING: Information to prevent injury to yourself when trying to complete a task.



CAUTION: Information to prevent damage to the components when trying to complete a task.



IMPORTANT: Instructions that you **MUST** follow to complete a task.



NOTE: Tips and additional information to help you complete a task.

Where to find more information

Refer to the following sources for additional information and for product and software updates.

ASUS websites

The ASUS website provides updated information on ASUS hardware and software products. Refer to the ASUS website www.asus.com.

ASUS Local Technical Support

Visit ASUS website at <http://support.asus.com/contact> for the contact information of local Technical Support Engineer.

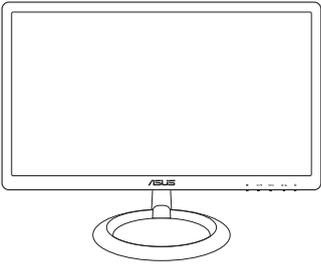
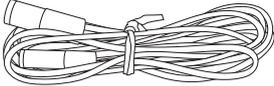
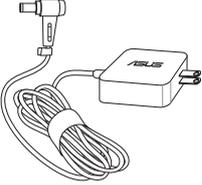
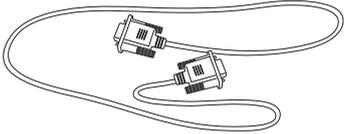
Specifications summary

Panel size	495.3 mm (19.5 inches)
Active area (HxV)	433.92x236.34mm
Pixels (HxV)	1600 (x3) x 900
Pixel pitch	0.2712 x 0.2626 um
Pixel arrangement	RGB
Display mode	TN Mode, Normal White
White luminance (Center)	250 cd/m ² (Typ.)
Contrast ratio	1000 (Typ.)
Optical response time	5ms (Typ. on/off)
Nominal Input Voltage VDD	+5.0V (Typ.)
Power consumption (VDD Line + LED Line)	LED Line: PBLU (typ.) - 8.32 W (TBC) VDD Line: PDD (typ.), TBD
Electrical interface	Dual-channel LVDS
Support color	16.7M colors (RGB 6-bit + Hi_FRC)
Surface treatment	Anti-glare, 3H
Temperature range	0 ~ +40°C
Operating storagge	-20 ~ +60°C
RoHS compliance	RoHS compliance
TCO compliance	TCO 6.0 compliance



Specifications are subject to change without prior notice.

Package contents

	
ASUS LCD Monitor	DC cable x 1 (optional)
	
Power adapter x1 (optional)	VGA cable x1
	
Quick Start Guide x1	warranty card



- If any of the above items is damaged or missing, contact your retailer.
- The illustrated items above are for reference only. Actual product specifications may vary with different models.

Chapter 1: Getting started

Welcome!

Thank you for purchasing the ASUS LCD Monitor!

The latest widescreen ASUS LCD monitor provides a crisper, broader, and brighter display, plus a host of features that enhance your viewing experience.

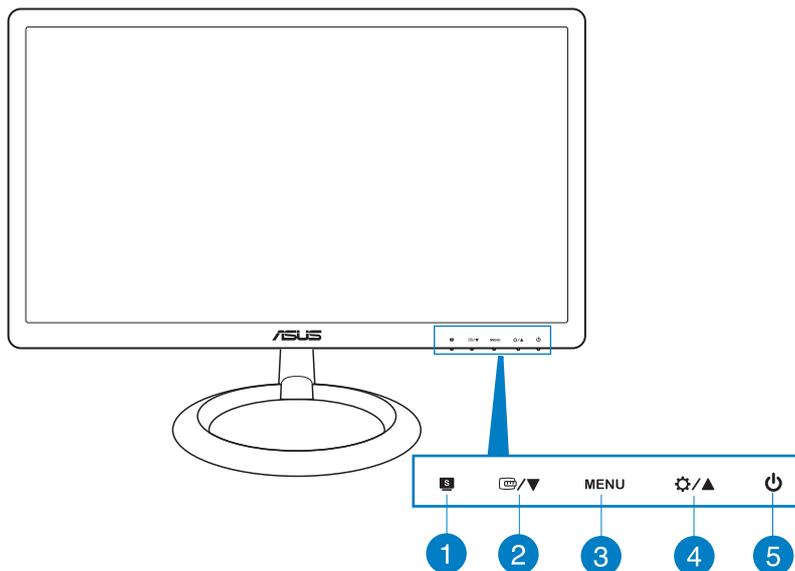
With these features, you can enjoy the convenience and delightful visual experience that the monitor brings to you.

Getting to know your computer



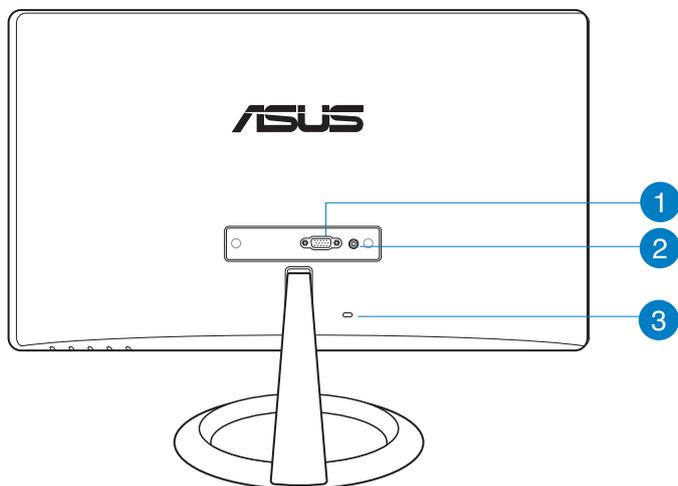
Illustrations are for reference only. The ports and their locations, and size of the LCD monitor vary with different models.

Front panel



- 1  Button
 - Use this hotkey to switch from seven video preset modes (**Scenery Mode**, **Standard Mode**, **Theater Mode**, **Game Mode**, **Night View Mode**, **Reading Mode**, and **sRGB Mode**) with SILENT™ Video Enhancement Technology.
 - Exit the OSD menu or go back to the previous menu as the OSD menu is active.
 - Press this button for two to four seconds to automatically adjust the image to its optimized position, clock, and phase (for VGA mode only).
- 2  Button
 - Contrast hotkey
 - Decreases the value of an item/setting or moves through items left/down
- 3 **MENU** Button
 - Turns on the OSD menu.
 - Enacts the selected OSD menu item.
 - Press this button for five seconds to activate the Key Lock function. Press it again for five seconds to deactivate the function.
- 4  Button
 - Brightness hotkey
 - Increases the value of an item/setting or moves through the items right/up
- 5  Power Button / Power Indicator
 - Press this button to turn the monitor on/off.
 - LED indicator:
 - **White:** LCD monitor is on.
 - **Orange:** LCD monitor is in standby/power saving mode.

Rear panel



- 1 VGA port**
This port is for your desktop PC's VGA connection.
- 2 DC-In port**
Plug the power adapter or the DC cable into this port.
- 3 Kensington lock port**
The Kensington® lock port allows you to secure your monitor using Kensington® compatible security products.

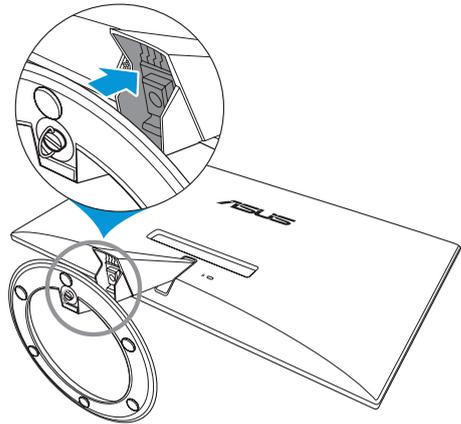
Chapter 2: Setting up your monitor

Attaching/removing your monitor to/from its base

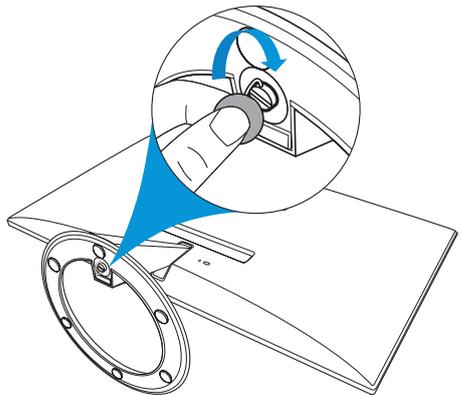
Attaching your monitor to its base

To attach your monitor to its base:

1. Lay your monitor face down on a table covered with soft cloth.
2. Attach the base to the stand.



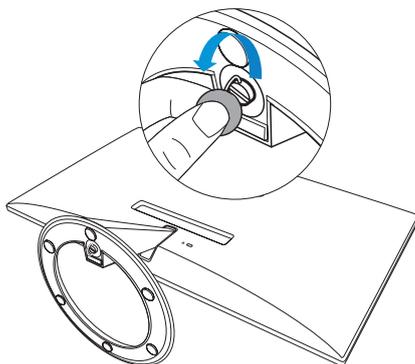
3. Secure the base to the stand with the bundled screw.



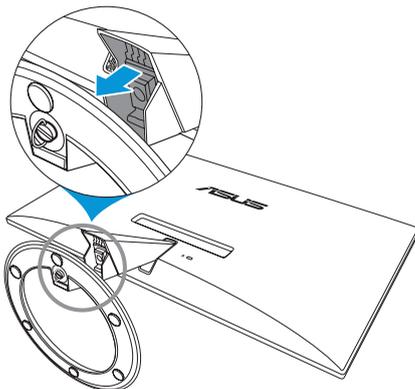
Removing your monitor from its base

To remove your monitor from its base:

1. Disconnect power and signal cables.
2. Lay your monitor face down on a table covered with soft cloth.
3. With one hand firmly gripping the stand, loosen and remove the screw that secures the base to the stand.

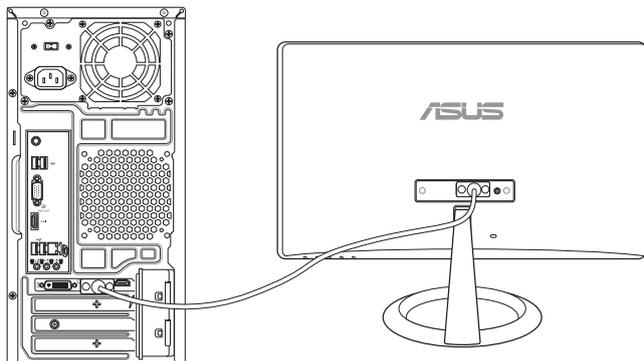


4. Remove the base from the stand.



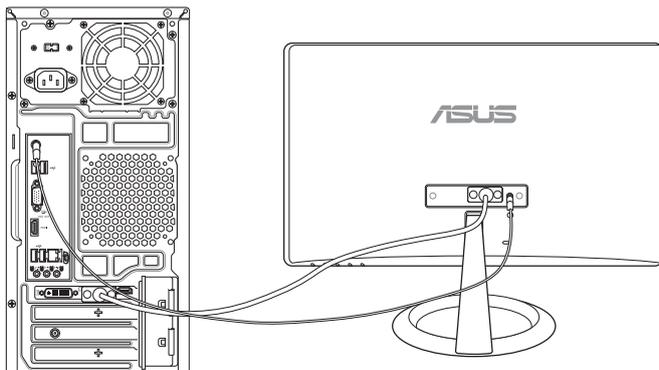
Connecting to your desktop PC via the VGA port

You can connect your monitor to your desktop PC's onboard/discrete VGA port.



Powering your monitor

Use the UL-listed ASUS Desktop PC LPS connector (12Vdc) or DT LCD MONITOR power adapter (19Vdc) to supply power to your monitor.

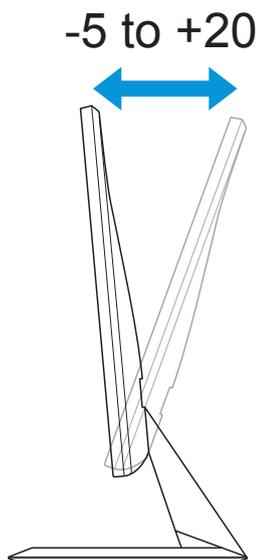


Adjusting your monitor

You can adjust your monitor from 5 degrees to 20 degrees angle.



Orient your monitor within the given range to avoid damaging it.



Chapter 3: Using the Onscreen Display (OSD) menu

Configuring the OSD menu

To configure the OSD menu:

1. Press the MENU button to activate the OSD menu.

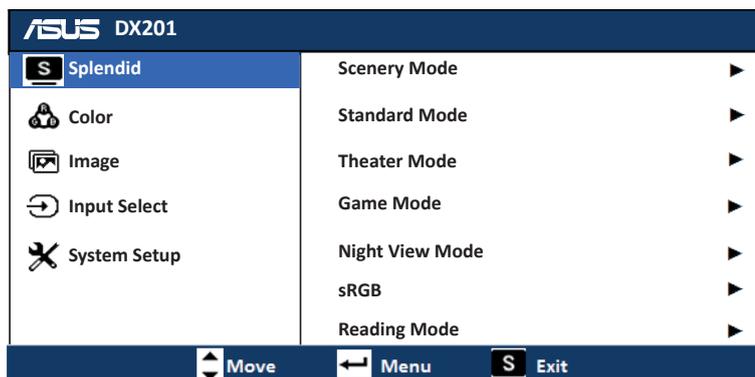


2. Press /▼ and /▲ to navigate through the functions. Highlight and activate the desired function by pressing the MENU button. If the function selected has a sub-menu, press /▼ and /▲ again to navigate through the sub-menu functions. Highlight and activate the desired sub-menu function by pressing the MENU button.
3. Press /▼ and /▲ to change the settings of the selected function.
4. To exit the OSD menu, press the button. Repeat step 2 and step 3 to adjust any other function.

Using the OSD functions

Splendid

This function contains seven sub-functions you can select for your preference. Each mode has the Reset selection, allowing you to maintain your setting or return to the preset mode.



- **Scenery Mode:** best choice for scenery photo display with SILENDID™ Video Enhancement.
- **Standard Mode:** best choice for document editing with SILENDID™ Video Enhancement.
- **Theater Mode:** best choice for movie with SILENDID™ Video Enhancement.
- **Game Mode:** best choice for game playing with SILENDID™ Video Enhancement.
- **Night View Mode:** best choice for dark-scene game or movie with SILENDID™ Video Enhancement.
- **sRGB:** compatible with sRGB color space, sRGB mode is the best choice for document editing.
- **Reading Mode:** best choice for reading documents with SILENDID™ Video Enhancement.

Color

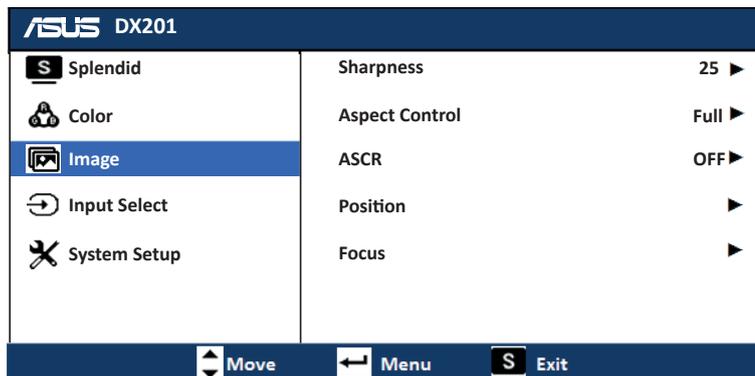
View the color details of your LCD monitor using this function. The following information displays the color details of your display: **Brightness, Contrast, Saturation, Color Temperature, Skin Tone.**



The Color function is not user-configurable.

Image

This function allows you to adjust the image position and focus of your display onscreen. It also allows you to view other image-related features enabled in your LCD monitor.



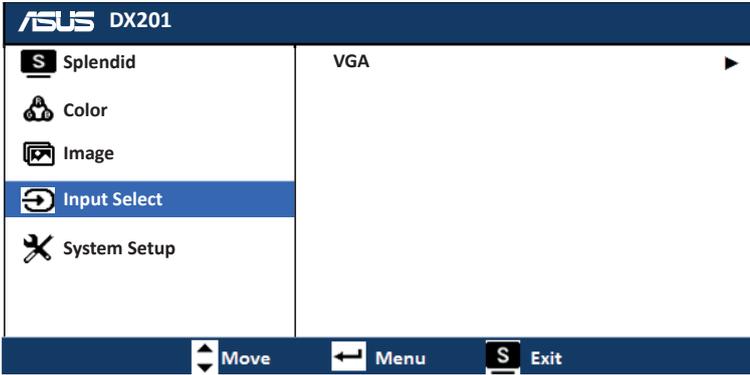
- **Sharpness:** the adjusting range is from 0 to 100.
- **Aspect Control:** allows you to view the display onscreen according to a set aspect ratio.
- **ASCR:** ASCR stands for ASUS Smart Contrast Ratio which allows the monitor to change its contrast dynamically
- **Position:** allows you to change the horizontal and vertical position of your display onscreen.
- **Focus:** reduces Horizontal-line noise and Vertical-line noise of the image by adjusting (Phase) and (Clock) separately. The adjusting range is from 0 to 100.



Sharpness, Aspect Control, and ASCR are not user-configurable functions.

Input Select

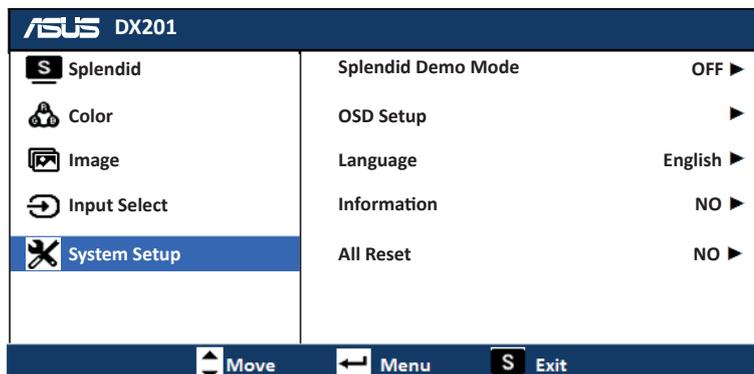
This function shows the input port used for connecting your LCD monitor to an external device.



VGA is not a user-configurable function.

System Setup

Allows you to adjust the system settings of your LCD monitor.



- **Volume:** the adjusting range is from 0 to 100. ◀ is a hotkey to activate this function.
- **OSD Setup:** this function enables access to the following features.
 - Adjusts the horizontal position (H-Position) and the vertical position (V-Position) of the OSD from 0 to 100.
 - Adjusts the OSD timeout from 10 to 120.
 - Enables or disables the DDC/CI function.
 - Adjusts the transparency of your OSD menu from 0 to 100.
- **Language:** there are ten languages for your selection, including English, German, Italian, French, Dutch, Spanish, Russian, Traditional Chinese, Simplified Chinese, and Japanese.
- **Information:** shows the monitor information.
- **All Reset:** "Yes" allows you to restore the default setting.

ASUS contact information

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 Telephone +886-2-2894-3447
 Fax +886-2-2890-7798
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 Online support support.asus.com

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 Online support support.asus.com

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 Fax +49-2102-959911
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 Online contact www.asus.de/sales

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Telephone (Component) +49-1805-010923*
 Telephone (System/Notebook/Eee/LCD) +49-1805-010920*
 Support Fax +49-2102-9599-11
 Online support support.asus.com

* EUR 0.14/minute from a German fixed landline; EUR 0.42/minute from a mobile phone.

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Authorised representative in Europe:	ASUS Computer GmbH
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