86.4 cm (34”) LED Backlight Monitor
MEDION® AKOYA® X53411 (MD 22111)
1. About these operating instructions

Read these operating instructions carefully and comply with the information provided in them. This will ensure that your device works reliably and has a long service life. Always keep these operating instructions close to the device. Keep these operating instructions in a safe place so they can be passed on to the new owner if you decide to sell the device.

1.1. Key to symbols

If a block of text is marked with one of the warning symbols listed below, the hazard described in that text must be avoided to prevent the potential consequences described there from occurring.

**DANGER!**
Warning: risk of fatal injury!

**WARNING!**
Warning: risk of possible fatal injury and/or serious irreversible injuries!

Additional information on using the device!

**WARNING!**
Warning: risk of electric shock!

**WARNING!**
Warning: danger due to loud volume!

- Bullet point/information on steps during operation
- Instruction to be carried out

Declaration of Conformity (see "Declaration of Conformity" section):
Products that feature this symbol meet the requirements of the EC directives.
2. **Proper use**

The TFT monitor is used to play back video and audio signals from external devices, such as computers, that have connections and image resolutions matching the technical specifications of the TFT monitor given here. Any other use is considered to be improper.

- The device is only intended for private use and not for industrial/commercial use.

Note that no liability will be accepted if the device is not used for its intended purpose:

- Do not modify the device without our express agreement and do not use any accessories that have not been supplied or approved by us.
- Only use replacement parts or accessories that we have supplied or approved.
- Comply with all the information in these operating instructions, especially the safety information. Any other use is considered improper and can cause personal injury or property damage.
- Do not use the device in potentially explosive atmospheres. This includes petrol stations, fuel storage areas and areas where solvents are processed. This device must also not be used in areas with particle-laden air (for example flour or wood dust).
- Do not use the device outdoors.
- Do not expose the device to extreme conditions. Avoid:
  - High humidity and wet conditions
  - Extremely high and low temperatures
  - Direct sunlight
  - Naked flames
3. Declaration of Conformity

Medion AG hereby declares that this device complies with the fundamental requirements and the other relevant provisions of:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- Ecodesign Directive 2009/125/EC

However, this device is not equipped with full functionality to minimise consumption according to the Ecodesign Directive. In this product category, this function is usually defined or dictated by the connected end device (personal computer).

- RoHS Directive 2011/65/EU.

3.1. Trademark information

The HDMI logo and High Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC.

Other trademarks are the property of their respective owners.
4. Safety information

4.1. Operating safety

• This device may be used by children over the age of 8 and by persons with limited physical, sensory or mental abilities or by those without experience and knowledge, if they are supervised or have been instructed in the safe use of the device and have understood the dangers that result from it.

• Children must not be allowed to play with the device. Cleaning and user maintenance must not be carried out by children unless they are supervised.

DANGER!

Risk of choking and suffocation!

Packaging film can be swallowed or used improperly, creating a risk of choking and suffocation.

▷ Keep packaging material such as plastic film or plastic bags away from children.

DANGER!

Risk of injury!

If subjected to excessive pressure, there is a risk of the display breaking!

▷ Use protective gloves when wrapping up cracked parts and send them to your Service Centre for proper disposal.

▷ Wash your hands with soap afterwards, as the risk of chemicals escaping cannot be excluded.

• Do not touch the monitor with fingers or sharp objects to avoid damage.
4.2. Installation location

- Keep your monitor and all connected devices away from moisture and avoid dust, heat, direct sunlight and naked flames (such as candles, for instance). Non-compliance with these instructions can lead to faults or damage to the monitor.
- This device is not suitable for use at workstations in line with the regulation for computer workstations S 2.
- Do not use the device outdoors as it could be damaged by weather such as rain, snow etc.
- Avoid exposing the device to water droplets or spray and do not place any liquid-filled containers (vases or similar) on or next to the device or the power pack. Liquids penetrating the device may impair the electrical safety of the product.
- The slots and openings on the monitor are for ventilation purposes. Do not cover these openings (risk of overheating, fire hazard)!
- Position the cables so that no one can tread on them or trip over them.
- Make sure that there is enough clearance between the device and any surrounding furniture or walls. Ensure a minimum clearance of 10 cm around the device for sufficient ventilation.
- Place and operate all the components on a stable, level and vibration-free surface in order to prevent the monitor from falling.
4.3. Repairs

- Contact customer services if:
  - the mains cable is burnt or damaged
  - liquid has penetrated the monitor
  - the monitor is not operating correctly
  - the monitor has fallen or the housing is damaged.
- Repairs to your monitor should only be carried out by qualified specialists.
- If a repair must be carried out, please contact only our authorised service partners.

4.4. Environmental conditions

- Only use the device in accordance with the environmental conditions specified in the technical data.

DANGER!
Risk of electric shock!

Major changes in temperature or fluctuations in humidity can cause moisture to build up within the monitor due to condensation – this can cause an electrical short circuit.

- After transporting the monitor, wait until it has reached ambient temperature before switching it on.
4.5. Power supply

**DANGER!**

**Risk of electric shock!**

Even when the device is switched off, some components are live.

- In order to disconnect the power to your monitor or to completely isolate the device from voltage sources remove the mains plug from the socket.

- Operate the monitor only from a 100 to 240 V~ 50 to 60 Hz earthed power socket that is close by and easy to access.

- To disconnect the power supply from your monitor, pull the plug from the socket.

**DANGER!**

**Risk of electric shock!**

The monitor contains live parts. They pose a risk of electric shock or fire if an unintentional short circuit occurs.

- Never open the monitor housing and do not push objects inside the monitor through the slots and openings.

- Do not place any objects on the cables as they may be damaged.

- Keep the device at a distance of at least one metre from sources of high-frequency or magnetic interference (televisions, speakers, mobile telephones, etc.) to avoid malfunctions and data loss.
4.6. Mains adapter
- Use only the mains adapter supplied.
- If the housing of the mains adapter or the power cable is damaged, the mains adapter must be disposed of and replaced with a new mains adapter of the same type.
- The mains adapter may only be used in dry rooms.

5. Package contents
Please check your purchase to ensure that all items are included. If anything is missing, please contact us within 14 days of purchase. The following items are supplied with your monitor:
- Monitor
- DisplayPort cable
- Mains adapter
- Power cord
- USB cable
- Bracket for wall mounting
- Monitor stand
- Documentation

⚠️ DANGER!
Risk of choking and suffocation!
Packaging film can be swallowed or used improperly, creating a risk of choking and suffocation.
- Keep packaging material such as plastic film or plastic bags away from children.
6. Device overview

6.1. Front

1) Monitor stand
2) Screen
3)多功能按钮
   - 按下按钮：切换显示器开机/切换到待机模式
   - 向左移动：返回到上一个菜单/关闭菜单；
   - 向右移动：打开菜单/子菜单；选择选项；确认选择
   - 向后移动：在菜单中向上导航；增加设置值/选择选项；如果菜单已关闭：设置亮度
   - 向前移动：在菜单中向下导航；减少设置值/选择选项；如果菜单已关闭：设置对比度
4) 运行LED指示器显示工作状态
6.2. Rear

5) —— – Connection for power supply
6) Opening for Kensington®
7) **HDMI** – HDMI port
8) **DVI** – DVI-D port
9) † † Audio connection (3.5 mm stereo jack)
10) † † Headphone connection (3.5 mm stereo jack)
11) **DP** – DisplayPort connection
12) Fold-out hook for hanging a headset
13) Mounting area for wall bracket
14) USB hub: 4x USB 3.0 ports (5 V —— max. 1 A)
15) USB-B 3.0 port (input) for USB hub
7. Getting started

7.1. Before connecting the monitor

It is possible that your existing monitor supports a physical resolution that is not supported by your new monitor. In this case, the image on your new monitor may not appear correctly once it has been connected.

- To prevent this, select a physical resolution that is supported by both monitors and, if necessary, set this physical resolution in your operating system before connecting the new monitor.

A table listing the physical resolutions supported by this monitor can be found in section “7.7. Setting the monitor resolution” on page 21.

7.2. Mounting the stand

Attach the monitor stand as shown in the illustration. Carry out this step before connecting the monitor.

- Place the monitor on a level surface with the monitor surface facing down.
- Place the mounting plate of the monitor stand in the recess on the rear of the monitor (A).
- Use two of the supplied screws to screw the mounting plate together. Use a Phillips screwdriver to do so.
- Now attach the foot to the bottom of the stand (B). Take care to ensure that the connecting piece fits in the device recesses.
- Secure the foot with the remaining three screws supplied using the screwdriver.
7.3. Setup

Avoid glare, reflections and extreme dark-light contrasts to protect your eyes.

The monitor can be placed in various positions to achieve the best viewing angle:
- tilt by -5° up to 20°
- swivel by 30° to the left and right respectively
- lower and raise by a maximum of 110 mm.

The monitor should never be placed close to windows, because this is where the workspace is illuminated the brightest by daylight. This brightness makes it more difficult for the eyes to adjust to the darker screen.

Always position the monitor with the line of sight parallel to the window front.

The parallel line of sight must also be maintained with regards to artificial lighting equipment. In other words, the same criteria and reasoning apply when the workspace is illuminated with artificial light.

If it is not possible to position the monitor as described, the following measures may be helpful:
- swivel, lower or tilt the monitor
- slats or vertical net curtains on the windows
- partition walls or changes to the lighting equipment.

Take regular breaks when working at your monitor, to avoid tension and fatigue.

Sitting for prolonged periods without changing position can be uncomfortable. Correct posture is very important for minimising the risks of physical injuries or damage.
- **General** – change position frequently (around every 20 to 30 minutes) and take regular breaks to avoid fatigue.
- **Back** – when sitting at your workstation, your back must be supported by your chair’s backrest, which must be upright or angled slightly back.
- **Arms** – your arms and elbows should be comfortable and relaxed. Your elbows should be close to your body. Hold your forearms and hands roughly parallel to the floor.
- **Wrists** – when working with the keyboard, mouse or trackball, wrists should be elongated and bent at an angle of no more than 10°. Take care to ensure that your wrists do not rest directly on the edge of the table.
- **Legs** – your thighs should be horizontal or angled slightly downwards. The lower legs should form an angle of approx. 90° to the thighs. Your feet should rest flat on the floor. Use a footrest if you need one, but first ensure that your seat height has been adjusted correctly.
- **Head** – your head should be upright or bent slightly forward. Do not work with your head or upper body twisted. During work, the top edge of the monitor should be at or slightly below eye level.

The size of the distance between the monitor and the viewer depends on individual requirements. Distances between 50 and 60 cm are commonly used.
7.4. Mounting on the wall

You can mount the device on the wall with the aid of a wall mount.

To enable wall mounting, first remove the device stand.

- To do so, remove the screws on the stand at the points indicated (A) using a Philips screwdriver.
- Remove the stand (B).
- Place the supplied bracket in the recess on the mounting plate (C).
- Screw the device into place using the intended holes on the device housing. Use the screws supplied to do so.

The hole spacing of the bracket is 100 x 100 mm according to the VESA standard.

When mounting the device, make sure that the screws are no larger than M4x10
7.5. Connection

To avoid damage and malfunctions, only connect the connecting cable when the monitor and computer are switched off.

7.5.1. Connecting the signal cable

- Plug the signal cable into one of the connections on the monitor:
  - HDMI
  - DVI
  - DP
- Plug the other end into the appropriate connections on the computer. Only one type of connection can be used at a time.

7.5.2. Connecting the audio cable

- Plug the audio cable into the connection on the monitor and into the corresponding connection on the computer. If an HDMI or DisplayPort signal cable is used, no separate audio cable is required.
7.5.3. Connecting the headphones
- Plug the cable with a 3.5 mm jack plug into the stereo jack connection.

**WARNING!**

**Risk of hearing damage!**
Using headphones/earphones to listen to a device at high volumes for an extended period can damage your hearing.
- Before pressing play, set the volume to the lowest setting.
- Start playback and increase the volume to a comfortable level.

7.5.4. Connecting the power supply
- Connect the supplied mains adapter to the connection of the device.
- Plug the other end into an easily accessible mains socket. The mains socket must be close to the monitor and easily accessible (use the same electric circuit as for the computer).

7.6. Switching on/standby
- Press the button to switch on the device.
- Press the button again to switch the device into standby mode.
### 7.7. Setting the monitor resolution

The monitor supports the physical resolutions listed in the table. The aspect ratio of the monitor is 16:9. You will get an image that is free from distortion by selecting the 3440 x 1440 pixels resolution. This is a native 16:9 aspect ratio. Image distortions or black bars at the end of the picture can occur with all other resolutions.

- Set the physical resolution on your computer according to the instructions in your operating system.

<table>
<thead>
<tr>
<th>Physical resolution (pixels)</th>
<th>Vertical frequency (Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>720 x 400</td>
<td>70</td>
</tr>
<tr>
<td>640 x 480</td>
<td>60</td>
</tr>
<tr>
<td>640 x 480</td>
<td>75</td>
</tr>
<tr>
<td>800 x 480</td>
<td>60</td>
</tr>
<tr>
<td>800 x 480</td>
<td>72</td>
</tr>
<tr>
<td>800 x 480</td>
<td>75</td>
</tr>
<tr>
<td>800 x 600</td>
<td>60</td>
</tr>
<tr>
<td>800 x 600</td>
<td>72</td>
</tr>
<tr>
<td>800 x 600</td>
<td>75</td>
</tr>
<tr>
<td>1024 x 600</td>
<td>60</td>
</tr>
<tr>
<td>1024 x 600</td>
<td>75</td>
</tr>
<tr>
<td>1024 x 768</td>
<td>60</td>
</tr>
<tr>
<td>1024 x 768</td>
<td>75</td>
</tr>
<tr>
<td>1152 x 864</td>
<td>60</td>
</tr>
<tr>
<td>1152 x 864</td>
<td>75</td>
</tr>
<tr>
<td>1280 x 768</td>
<td>60</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical resolution (pixels)</th>
<th>Vertical frequency (Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1280 x 768</td>
<td>75</td>
</tr>
<tr>
<td>1280 x 1024</td>
<td>60</td>
</tr>
<tr>
<td>1280 x 1024</td>
<td>75</td>
</tr>
<tr>
<td>1360 x 768</td>
<td>60</td>
</tr>
<tr>
<td>1366 x 768</td>
<td>60</td>
</tr>
<tr>
<td>1400 x 1050</td>
<td>60</td>
</tr>
<tr>
<td>1440 x 900</td>
<td>60</td>
</tr>
<tr>
<td>1600 x 900</td>
<td>60</td>
</tr>
<tr>
<td>1600 x 1200</td>
<td>60</td>
</tr>
<tr>
<td>1680 x 1050</td>
<td>60</td>
</tr>
<tr>
<td>1920 x 1080</td>
<td>60</td>
</tr>
<tr>
<td>1920 x 1200</td>
<td>60</td>
</tr>
<tr>
<td>2560 x 1080</td>
<td>60</td>
</tr>
<tr>
<td>2560 x 1440</td>
<td>60</td>
</tr>
<tr>
<td>3440 x 1440</td>
<td>60</td>
</tr>
</tbody>
</table>

* HDMI/DisplayPort only
8. Menu
You can use the monitor menu to make various settings. Operation takes place using the multifunction button.
- Move the button to the right to open the menu.
- Select the menu by moving the button forwards/backwards.
- Open the submenus and settings by moving the button to the right.
- Moving the button forwards/backwards sets the selected option.
- Move the button to the right to store a value.
- Move the button repeatedly to the left if you wish to navigate to a previous menu or to close the menu.

The menu automatically disappears if you do not press any buttons on the monitor for a preset period of time.

The following explains the main functions or setting options:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRAST</td>
<td>Set the display contrast.</td>
</tr>
<tr>
<td>BRIGHTNESS</td>
<td>Adjust the brightness.</td>
</tr>
<tr>
<td>COLOR TEMP.</td>
<td>Select the colour temperature.</td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>Select the menu language.</td>
</tr>
<tr>
<td>OSD H. POSITION</td>
<td>Position of the menu on the screen.</td>
</tr>
<tr>
<td>OSD V. POSITION</td>
<td></td>
</tr>
<tr>
<td>OSD TIME</td>
<td>Hides the menu once a preset period of time has elapsed.</td>
</tr>
<tr>
<td>TRANSPARENCY</td>
<td>Show/hide menu background.</td>
</tr>
<tr>
<td><strong>MODE</strong></td>
<td>Select a preset colour profile.</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td><strong>SIGNAL SOURCE</strong></td>
<td>Select the picture source.</td>
</tr>
<tr>
<td><strong>ASPECT</strong></td>
<td>Select the aspect ratio.</td>
</tr>
<tr>
<td><strong>DCR</strong></td>
<td>Switch dynamic contrast on or off.</td>
</tr>
<tr>
<td><strong>REDUCE BLUE LIGHT</strong></td>
<td>Reduces the blue value of the light and makes it more comfortable and warmer.</td>
</tr>
<tr>
<td><strong>OVER DRIVER</strong></td>
<td>Switch overdrive on or off. If the function is switched on, the reaction time is reduced.</td>
</tr>
<tr>
<td><strong>ADAPTIVE-SYNC</strong></td>
<td>Automatic adjustment of the refresh rate (only for AMD and selected NVIDIA graphics cards)</td>
</tr>
<tr>
<td><strong>ECO</strong></td>
<td>Switch ECO energy-saving mode on and off.</td>
</tr>
<tr>
<td><strong>AUTO POWER</strong> (only HDMI and DP)</td>
<td>If this function is activated, the device automatically switches to standby mode after 4 hours of inactivity (no operation of the device).</td>
</tr>
<tr>
<td><strong>RGB LED</strong></td>
<td>Set the LED lighting on the rear of the device.</td>
</tr>
<tr>
<td><strong>RESET</strong></td>
<td>Reset the device to factory settings.</td>
</tr>
</tbody>
</table>
9. Energy-saving features

This monitor switches to different energy-saving modes, which are specified by the respective computer/operating system. This complies with the current requirements for reducing the energy consumption.

The monitor supports the following types of energy-saving modes:

<table>
<thead>
<tr>
<th>Status</th>
<th>Power consumption (nominal value)</th>
<th>Colour of the operating light</th>
<th>Ready for operation (approx.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON</td>
<td>&lt; 60 W (max.)</td>
<td>Blue</td>
<td>–</td>
</tr>
<tr>
<td>STANDBY</td>
<td>&lt; 0.5 W</td>
<td>red</td>
<td>2 seconds</td>
</tr>
<tr>
<td>EXT. STANDBY¹</td>
<td>&lt; 0.5 W</td>
<td>–</td>
<td>5 seconds</td>
</tr>
</tbody>
</table>

Depending on the operating system, the monitor remains in energy-saving mode until you press a button on the keyboard or move the mouse. The monitor requires about 2 seconds to switch from standby mode to operating mode "On".

10. Troubleshooting

If problems occur with your monitor, make sure that the monitor has been properly installed. If the problems persist, then read this section for information about possible solutions.

10.1. No picture/picture interference

- The mains cable must be firmly seated in the socket and the power switch (if available) must be switched on.
- The computer must be switched on and the connecting cable must be firmly seated in the socket.
- The set values of the operating system must be suitable for the monitor. To avoid distortion, select a resolution of 16:9.
- If the screen saver is activated or the monitor is in standby mode, press any button on the keyboard or move the mouse.
- Move the devices responsible for the distortion (mobile phones, speakers etc.) away from your monitor.

¹ The device is switched to the extended standby mode by pressing the button.
10.2. Incorrect colour reproduction; image is too bright/dark

• Check the colour settings in the monitor display menu or in the computer’s operating system.

11. Cleaning

• Always unplug the device and disconnect all cables before cleaning.
• Do not use solvents, corrosive or gaseous cleaning agents.
• Clean the monitor with a soft, lint-free cloth.
• Take care to ensure that no water droplets remain on the monitor. Water can cause permanent discolouration.
• Store the packaging material in a safe place. Only use this box to transport the monitor.

The monitor housing does not contain any parts that require cleaning or maintenance.
11.1. Pixel faults in TFT monitors

Despite the state-of-the-art production methods, in rare cases there may be individual or multiple pixel drop-outs (dead pixels) due to the highly complex technology.

For active matrix TFTs with a resolution of **3440 x 1440 pixels**, which are each made up of three sub-pixels (red, green, blue), there are a total of **approx. 14.8 million** control elements in use. Occasionally pixels or individual sub-pixels can fail or become incorrectly controlled because of this very high number of transistors and the extremely complex manufacturing process used in this context.

<table>
<thead>
<tr>
<th>Pixel defect class</th>
<th>Defect type 1</th>
<th>Defect type 2</th>
<th>Defect type 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuous-</td>
<td>Continuous-</td>
<td>Defective sub-pixel</td>
</tr>
<tr>
<td></td>
<td>ly lit pixel</td>
<td>ly black pixel</td>
<td>lit</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>II</td>
<td>2</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5-n*</td>
</tr>
<tr>
<td>III</td>
<td>5</td>
<td>15</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50-n*</td>
</tr>
<tr>
<td>IV</td>
<td>50</td>
<td>150</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>500-n*</td>
</tr>
</tbody>
</table>

n*=1.5

The permitted number of defects for every type named above in each class of pixel defect refers to one million pixels and must be converted accordingly to match the physical resolution of the display.

Your device complies with the European ISO 9241-307 Class II standard (pixel defect class). Pixel defects up to the specified maximum number are not covered by the warranty.
12. Disposal

**PACKAGING**
Your device has been packaged to protect it from damage in transit. The packaging is made of materials that can be recycled in an environmentally friendly manner.

**DEVICE**
All old devices marked with the symbol illustrated must not be disposed of in normal household waste.
In accordance with Directive 2012/19/EU, the devices must be properly disposed of at the end of its service life.
This involves separating the materials in the devices for the purpose of recycling and minimising the environmental impact.
Take old devices to a collection point for electrical scrap or a recycling centre.
Contact your local waste disposal company or your local authority for more information on this subject.
## 13. Technical specifications

<table>
<thead>
<tr>
<th><strong>Device</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>X53411 (MD 22111)</td>
</tr>
<tr>
<td><strong>Rated voltage</strong></td>
<td>100-240 V ~ 50/60 Hz 1.5 A</td>
</tr>
</tbody>
</table>
| **Power consumption** | Standby: < 0.5 W  
Operation: < 60 W (max.) |

<table>
<thead>
<tr>
<th><strong>Mains adapter</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturer</strong></td>
<td>Shenzhen Honor Electronics Co. Ltd</td>
</tr>
<tr>
<td><strong>Model</strong></td>
<td>ADS-110DL-19-1 190090E</td>
</tr>
<tr>
<td><strong>Input voltage</strong></td>
<td>100–240 V ~ 50/60 Hz 1.5 A max.</td>
</tr>
<tr>
<td><strong>Output voltage</strong></td>
<td>19 V — 4.7 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Screen</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen size</strong></td>
<td>86.4 cm (34&quot;), TFT with LED backlight</td>
</tr>
<tr>
<td><strong>Aspect ratio</strong></td>
<td>21:9</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>3,440 x 1,440 pixels</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>300 cd/m² (typical)</td>
</tr>
<tr>
<td><strong>Contrast</strong></td>
<td>3,000:1 (typical)</td>
</tr>
<tr>
<td><strong>Dynamic contrast</strong></td>
<td>5,000,000:1</td>
</tr>
</tbody>
</table>
| **Reaction time** | 16 ms (grey to grey, typical)  
5 ms (overdrive, grey to grey, typical) |

<table>
<thead>
<tr>
<th><strong>Connections</strong></th>
<th></th>
</tr>
</thead>
</table>
| **Screen** | HDMI with HDCP decoding  
DVI-D with HDCP decoding  
DisplayPort with HDCP decoding |
| **Sound** | 3.5 mm stereo input  
Headphone output (3.5 mm jack) |
### Environmental conditions

|Temperatures| In operation: 0 °C to +35 °C  
Not in operation: -20 °C to +60 °C |
|---|---|
|Humidity  
(non-condensing)| In operation: < 80%  
Not in operation: < 90% |

### Dimensions / weights

| Weight| With stand: approx. 7.8 kg  
Without stand: approx. 6 kg |
|---|---|
|Dimensions (W x H x D)| With stand: approx. 809 x 575 x 255 mm  
Without stand: approx. 809 x 366 x 83 mm |
|Mounting on the wall\(^2\)| Vesa standard, hole spacing 100 x 100 mm |

### 13.1. Product data sheet

In accordance with Regulation 1062/2010

<table>
<thead>
<tr>
<th>Model</th>
<th>X53411 (MD 22111)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSN</td>
<td>3002 7906</td>
</tr>
<tr>
<td>Energy efficiency class</td>
<td>B</td>
</tr>
<tr>
<td>Visible screen size (diagonal size, approx.) (cm/in)</td>
<td>86.4 / 34</td>
</tr>
<tr>
<td>Average power consumption when switched on (in watts)</td>
<td>54</td>
</tr>
<tr>
<td>Annual power consumption (kWh/year)</td>
<td>79</td>
</tr>
<tr>
<td>Standby power consumption (in watts)</td>
<td>0.40</td>
</tr>
<tr>
<td>Power consumption when switched off (in watts)</td>
<td>---</td>
</tr>
<tr>
<td>Display resolution (in pixels)</td>
<td>3,440 x 1,440</td>
</tr>
</tbody>
</table>

---

\(^2\) Wall mount not supplied. When mounting the device, make sure that the screws are no larger than M4x10.
14. Service information

Please contact our Customer Service team if your device ever stops working the way you want or expect it to. There are several ways for you to contact us:

- In our Service Community, you can meet other users, as well as our staff, and you can exchange your experiences and pass on your knowledge there. You will find our Service Community at http://community.medion.com.
- Alternatively, use our contact form at www.medion.com/contact.
- You can also contact our Service team via our hotline or by post.

<table>
<thead>
<tr>
<th>Opening times</th>
<th>Hotline number UK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon – Fri: 08.00 – 20.00</td>
<td>0333 3213106</td>
</tr>
<tr>
<td>Sat – Sun: 10.00 – 16.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hotline number Ireland</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 800 992508</td>
</tr>
</tbody>
</table>

**Service address**

MEDION Electronics Ltd.
120 Faraday Park, Faraday Road, Dorcan
Swindon SN3 5JF, Wiltshire
United Kingdom

You can download this and many other sets of operating instructions from our service portal at www.medion.com/gb/service/start/.

You will also find drivers and other software for a wide range of devices there.

You can also scan the QR code on the side of the screen, to download the operating instructions onto your mobile device from the service portal.
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MEDION AG
Am Zehnthof 77
45307 Essen
Germany

Please note that you cannot use the address above for returns. Please always contact our Customer Service team first.