### Product specification (design and specification subject to change without notice)

#### DISPLAY PANEL
- **Screen Size (Diagonal):** 55-inch (1387 mm)
- **Panel type:** IPS / Direct-LED
- **Aspect ratio:** 16:9
- **Effective Display Area (W x H):** 1209 x 680 mm
- **Number of pixels (H x V):** 1920 x 1080 pixels
- **Brightness:** 350 cd/m² (Typ)
- **Contrast Ratio:** 1200:1
- **Response Time:** 9 ms (G to G)
- **Viewing Angle (Horizontal / Vertical):** 178° / 178° (CR ≧ 20)
- **Panel Life Time**: approx. 50000 hours (typ)

*1 When the panel lifetime is at 50% of the brightness under the condition of 25 degrees Celsius (+/- 2 degrees celsius).*

#### CONNECTION TERMINAL
- **VIDEO IN:** 4-Pole Mini Jack (M3) x 1
  - 1.0 V [p-p] (75 Ω )
  - 0.5 V [rms]
- **HDMI IN:** HDMI Type A Connector x 2
  - Linear PCM
  - (Sampling frequency : 48 kHz/44.1 kHz/32 kHz)
- **DVI-D IN:** DVI-D 24-pin x 1
  - Compliance with DVI Revision 1.0
  - Compatible with HDCP 1.1
- **PC IN:** Mini D-Sub 15-pin x 1 (Female)
  - Y/G : with sync 1.0 V [p-p] (75 Ω )
  - P/V/Cry/B : 0.7 V [p-p] (75 Ω )
  - P/V/Cry/R : 0.7 V [p-p] (75 Ω )
  - HD/VD : 1.0 - 5.0 V [p-p] (high impedance)
- **SERIAL IN:** D-sub 9pin x 1, RS-232C Compatible
- **LAN:** RJ45 x 1 10BASE-T/100BASE-TX, Compatible with PJLink
- **IR TRANSMITTER IN / OUT:** Mini Jack (M3) x 1 / x 1
- **AUDIO IN:** Stereo Mini Jack (M3) x 1 (Shared with DVI-D IN and PC IN)
  - 0.5 V [rms]
- **AUDIO OUT:** Stereo Mini Jack (M3) x 1
  - Variable (- ∞ - 0 dB) (1 kHz 0 dB Input, 10 kΩ Load)
  - 0.5 V [rms]
- **USB:** USB 2.0 Type A connector x 1
  - DC 5 V/1A (USB 3.0 is not supported.)

*Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to make confirmation with reference to the detailed drawing of terminal in page 4.

#### AUDIO
- **Built in Speaker:** 20 W [10 W +10 W ]

#### ELECTRICAL
- **Power Requirements:** 220 - 240 V AC 50 Hz/60 Hz
- **Power Consumption:** 170 W
- **On Mode Average Power Consumption**: 130 W
- **Power Off Condition:** approx. 0.3 W
- **Stand-by Condition:** approx. 0.5 W
- **Apparent power:** 170 (VA)

*Based on IEC 62087 Ed.2 measurement method*

#### MECHANICAL
- **Dimensions (W x H x D):** 1239 x 712 x 62 mm
- **Weight:** approx. 16.0 kg
- **Bezel Color:** black
- **Bezel Width:** 1/8: 12.6 mm, B: 14.5 mm
- **Carton Dimensions (W x H x D):** 1365 x 864 x 185 mm
- **Gross Weight:** approx. 24.0 kg
- **Cabinet Material / Color:** Plastic/Black
- **Pitch for Wall-Hanging:** VESA Compliant 400 x 400 mm (Installed by: M6 screws /Screw hole depth 16 mm)

#### INSTALLATION
- **Orientation:** Landscape / Portrait
- **Tilting Angle:** 0 - 20 degrees with landscape setting

*Please contact your sales representative with regard to the tilt angle before installation.

#### ENVIRONMENTAL
- **Operating Environment:**
  - Temperature: 0℃ to 40℃
  - Humidity: 20% to 80% (No condensation)
  - Altitude: 0 to 2800 m

*1 : for up to 1400 m altitude  
*2 : for between 1400 m and 2800 m altitude

Depending on the temperature or humidity conditions, uneven brightness may be observed. This is not a malfunction.

* This unevenness will disappear while applying current continuously. If not, consult the distributor.
**MAIN FEATURE**

- Digital Zoom: Yes
- Multi Display: Yes
- Power ON Screen Delay: Yes
- 1:1 Pixel mode: Yes
- Auto setup: Yes
- Screen Saver: Yes
- PC Power Management: Yes
- DVI-D Power Management: Yes
- HDMI Power Management: Yes
- Input Lock: Yes
- Button Lock: Yes
- Remote-control User Level: Yes
- Input Search: Yes
- USB Media Player: Yes
- Data Cloning: Yes
- Early Warning Software compatible: Yes
- Multi Monitoring & Control Software compatible: Yes
- Operating Time*: 16 h/day

*In case of running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying movie images.

**OPTIONAL ACCESSORIES**

- Pedestal Stand: TY-ST43PE8

**STANDARD (CERTIFICATIONS)**

- SAFETY REGULATIONS: IEC60950-1
- RCM Mark

**REMOTE CONTROL TRANSMITTER**

- Power Requirements: DC 3 V (2 x AAA Size batteries)
- Operating distance: approx. 7 m*
- Weight: approx. 63 g including batteries
- Dimensions (W x H x D): 44 x 105 x 20.5 mm

*When operated directly in front of receptor.

**INCLUDED ACCESSORIES**

- AC cord (1.8 m)
- Remote Control
- Batteries (AAA size) x 2
- Clampers x 3
- Operating instruction book

**DIMENSIONS**

Cautions: This drawing is not a scale

Units: mm

**CONNECTION TERMINAL**

* Specifications and appearance are subject to change without notice.
### List of correspondence signals

The picture signal which can indicate this machine is as it is the following table.

#### Picture signal form

<table>
<thead>
<tr>
<th>Correspondence signal</th>
<th>Resolution (dot)</th>
<th>Horizontal (kHz)</th>
<th>Vertical (Hz)</th>
<th>Dot clock rate (MHz)</th>
<th>Input format</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTSC/NTSC4.43 / PAL/ PAL60</td>
<td>720 x 480i</td>
<td>15.73</td>
<td>59.94</td>
<td>-</td>
<td>V</td>
</tr>
<tr>
<td>PAL-PALN/SECAM</td>
<td>720 x 576i</td>
<td>15.63</td>
<td>59.94</td>
<td>12.50</td>
<td>R/Y</td>
</tr>
<tr>
<td>525i (480i)</td>
<td>720 x 480i</td>
<td>15.73</td>
<td>59.94</td>
<td>12.50</td>
<td>R/Y</td>
</tr>
<tr>
<td>525i (480i)</td>
<td>720 x 480i</td>
<td>15.73</td>
<td>59.94</td>
<td>27.00</td>
<td>D/H</td>
</tr>
<tr>
<td>625i (576i)</td>
<td>720 (1440) x 480i</td>
<td>15.63</td>
<td>59.94</td>
<td>27.00</td>
<td>D/H</td>
</tr>
<tr>
<td>750i (720) /60p</td>
<td>1280 x 720</td>
<td>45.00</td>
<td>50.00</td>
<td>74.25</td>
<td>R/Y/D/H</td>
</tr>
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<td>750i (720) /50p</td>
<td>1280 x 720</td>
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<td>50.00</td>
<td>74.25</td>
<td>R/Y/D/H</td>
</tr>
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<td>1125i (1080) /50i</td>
<td>1920 x 1080i</td>
<td>37.25</td>
<td>60.00</td>
<td>74.25</td>
<td>R/Y/D/H</td>
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<td>24.00</td>
<td>74.25</td>
<td>R/Y/D/H</td>
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<tr>
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<td>27.00</td>
<td>24.00</td>
<td>74.25</td>
<td>R/Y/D/H</td>
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<td>60.00</td>
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<td>R/Y/D/H</td>
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<td>56.25</td>
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<td>R/Y/D/H</td>
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#### PC signal form

<table>
<thead>
<tr>
<th>Correspondence signal</th>
<th>Resolution (dot)</th>
<th>Horizontal (kHz)</th>
<th>Vertical (Hz)</th>
<th>Dot clock rate (MHz)</th>
<th>Input format</th>
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</thead>
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<td>VESA400</td>
<td>640 x 400</td>
<td>31.47</td>
<td>70.09</td>
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<td>R/Y/D/H</td>
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<td>VGA</td>
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<td>85.09</td>
<td>31.50</td>
<td>R/Y/D/H</td>
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<td>SVGA</td>
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<td>R/Y/D/H</td>
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<td>59.95</td>
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<td>60.00</td>
<td>148.50</td>
<td>R/Y/D/H</td>
</tr>
</tbody>
</table>

*Note: The signal format distinguished automatically will be sometimes indication different from an actual input signal.*

1: When 1125 (1035) /60i signal is input, it displayed as 1125 (1080) /60i signal.
2: Pixel-Repetition signal (dot clock frequency 27.0 MHz) only
3: Displayed with image elements thinned out in the image processing circuit.
4: Based on VESA CVT-RB (Reduced Blanking) standard
Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to use connecting cable or USB memory device after confirmation in this drawing.