

External Dimensions (PDP-503CMX/PDP-503MXE)

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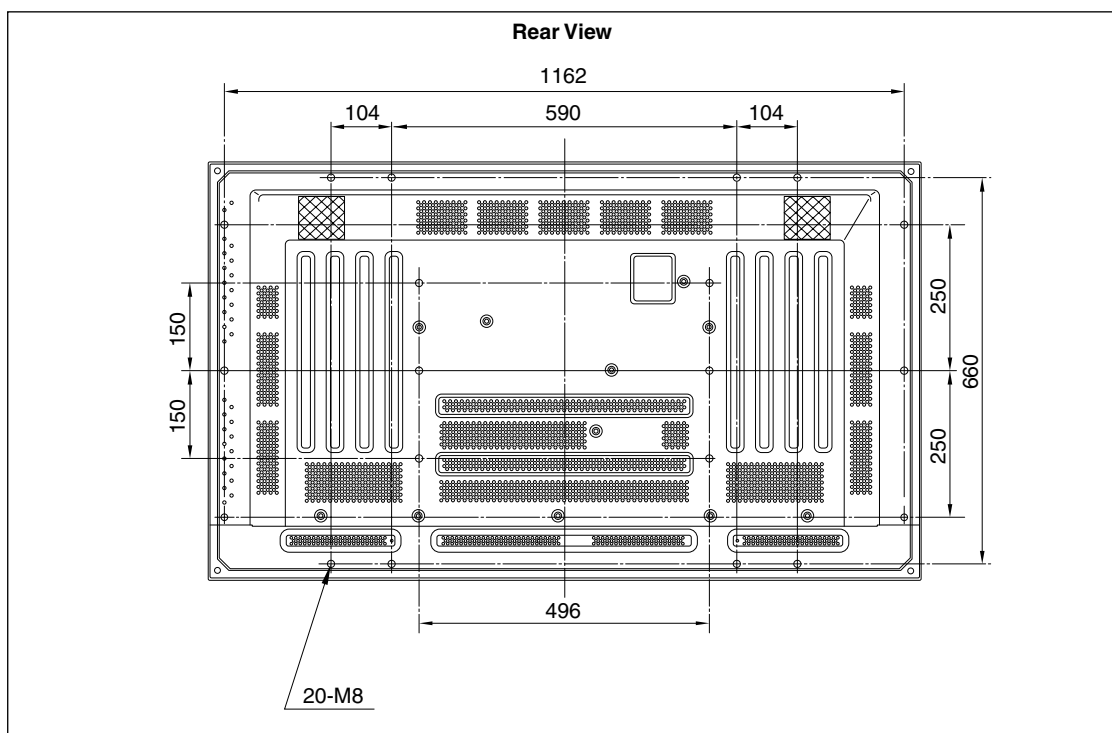
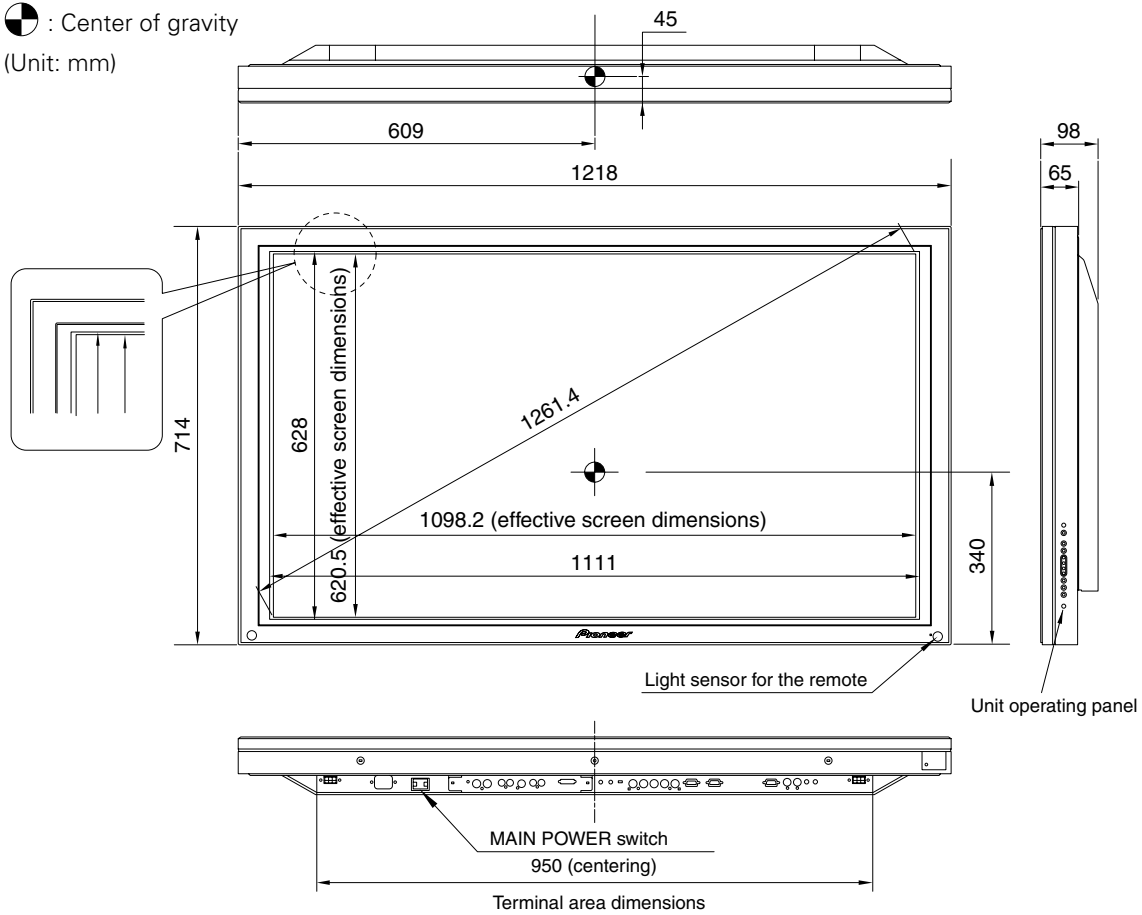
Weight: 38.9 kg (without attachment stand)

Material: Front: Resin; Rear cover: Aluminum, Front protector panel: Glass

Treatment: Front: Paint; Rear cover: Paint (All paints are Pioneer original colors)

For packaging information, refer to 3.4.2 "Unpacking".

⊙ : Center of gravity
(Unit: mm)



Specifications

INPUT Response Signals

INPUT 1, 2

Video signals supported ★ (applies only when equipped with PDA-5002)

Vertical Frequency Fv (Hz)	Horizontal Frequency Fh (kHz)	Signal Format	Remark
50	15.625	Component RGB	625i(575i) SDTV
	28.1	Component RGB	1125i(1080i) HDTV
	31.25	Component RGB	625p(575p) SDTV
60	15.734	Component RGB	520i(480i) SDTV
	31.5	Component RGB	525p(480p) SDTV
	33.75	Component RGB	1125i(1035i, 1080i) HDTV High vision video signal
	45.0	Component RGB	750p(720p) HDTV
	67.5	Component RGB	1125p(1080p) HDTV

PC signals supported

Resolution (Dot x Line)	Vertical Frequency	Horizontal Frequency	Remark
640 x 400	56.4Hz	24.8kHz	NEC PC-9800
	70.1Hz	31.5kHz	NEC PC-9800
640 x 480	60Hz	31.5kHz	(852 x 480) (864 x 480)
	66.7Hz	35.0kHz	Apple Macintosh 13"
	72Hz	37.9kHz	
	75Hz	37.5kHz	
800 x 600	85Hz	43.3kHz	
	56Hz	35.2kHz	
	60Hz	37.9kHz	(1072 x 600)
	72Hz	48.1kHz	
832 x 624	75Hz	46.9kHz	
	85Hz	53.7kHz	
	74.6Hz	49.7kHz	Apple Macintosh 16"
852 x 480	60Hz	31.7kHz	
1024 x 768	60Hz	48.4kHz	(1376 x 768)
	70Hz	56.5kHz	
	75Hz (74.9Hz)	60.0kHz (60.2kHz)	Figur in brackets are for Apple Macintosh 19"
	85Hz	68.7kHz	

Resolution (Dot x Line)	Vertical Frequency	Horizontal Frequency	Remark
1152 x 864	60Hz	53.7kHz	
	72Hz	64.9kHz	
	75Hz	67.7kHz	
1152 x 870	75.1Hz	68.7kHz	Apple Macintosh 21"
1152 x 900	66.0Hz	61.8kHz	Sun Microsystems LO
	76.0Hz	71.7kHz	Sun Microsystems HI
1280 x 768	56Hz	45.1kHz	
	60Hz	48.4kHz	
	70Hz	55.5kHz	
1280 x 960	60Hz	60.0kHz	
1280 x 1024	60Hz	64.0kHz	
	75Hz	80.0kHz	(1600 x 1024)
	85Hz	91.1kHz	
1600 x 1200	60Hz	75.0kHz	
	65Hz	81.3kHz	
	70Hz	87.5kHz	
	75Hz	93.8kHz	
	85Hz	106.3kHz	

INPUT 3★ (applies only when equipped with PDA-5002): Y/C Separate video signal NTSC, PAL, SECAM, 4.43 NTSC

INPUT 4★ (applies only when equipped with PDA-5002): Composite video signal NTSC, PAL, SECAM, 4.43 NTSC

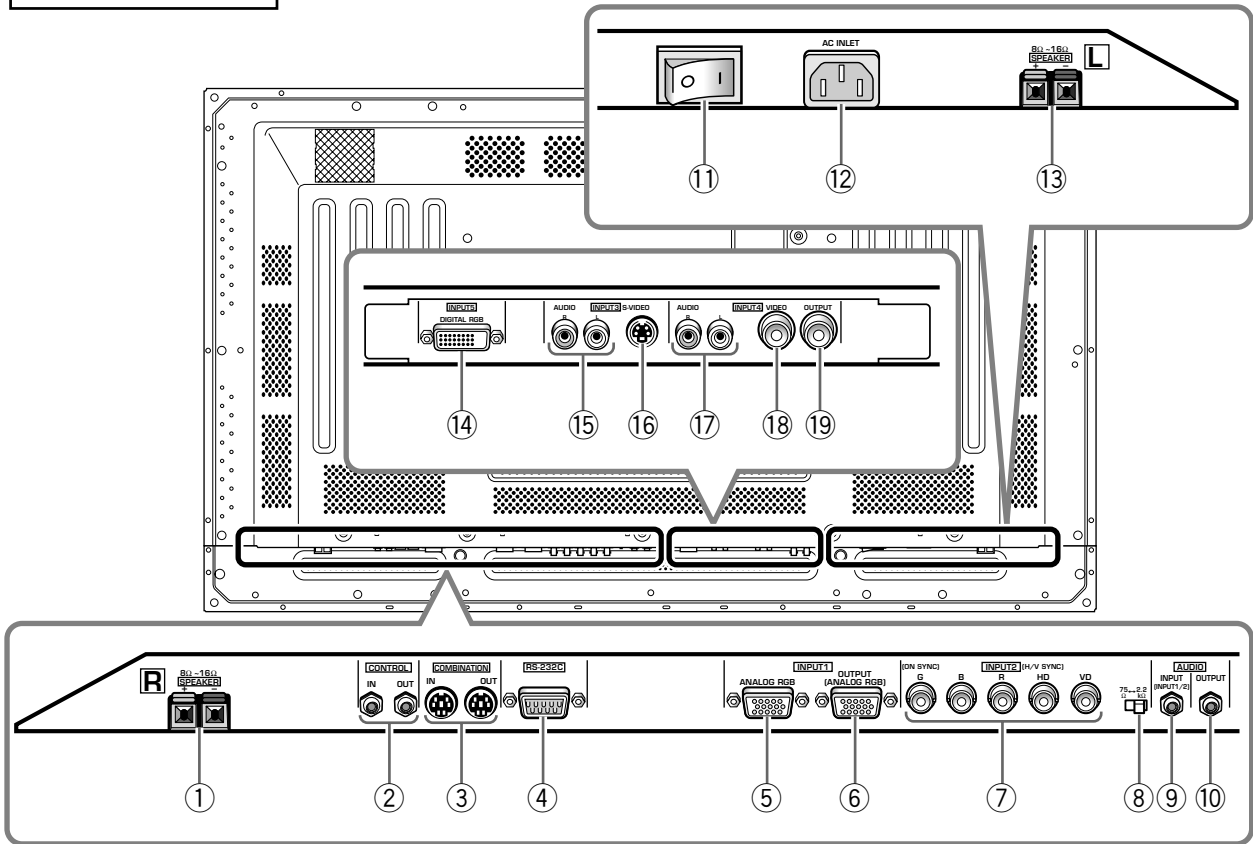
INPUT 5★ (applies only when equipped with PDA-5002)

PC signals supported


Resolution (Dot x Line)	Vertical Frequency	Horizontal Frequency	Remark
640 x 480	60Hz	31.5kHz	
800 x 600	56Hz	35.1kHz	
	60Hz	37.9kHz	
852 x 480	60Hz	31.7kHz	
1024 x 768	60Hz	48.4kHz	
1152 x 864	60Hz	53.7kHz	
1280 x 768	56Hz	45.1kHz	
	60Hz	48.1kHz	
1280 x 960	60Hz	60.0kHz	
1280 x 1024	60Hz	64.0kHz	

Controls and Connectors

Connection Panel



Plasma Display Section

- ① **SPEAKER (R) terminal**
 For connection of an external right speaker.
 Connect a speaker whose impedance is 8 -16 Ω.
- ② **CONTROL IN/OUT (monaural mini jacks)**
 For connection of PIONEER components that bear the  mark. Making CONTROL connection enables control of the main unit as a component in a system.
 (NOTE) The main unit cannot be operated by the wired remote control RV-V107.
- ③ **COMBINATION IN/OUT**
 Used when a number of sets are controlled collectively. (See "5.6 Combination Connection")
 Please use a mini DIN 6 pin cable (straight, fully connected) available on the market as the connecting cable.
 (NOTE) It has no ABL linking function. And it is not compatible with the RM-V4000V or other multi-projection. It is not output when the main power is off.
- ④ **RS-232C**
 This terminal is used for adjustments by a PC (EIA-232-F standard).
 (See "5.5 RS-232C Adjustment Mode")
- ⑤ **INPUT1 (mini D-sub 15 pin)**
 For connection of components that have RGB or component*(applies only when equipped with PDA-5002) output jacks such as a personal computer, DVD player, or external RGB decoder.
- ⑥ **OUTPUT (INPUT1) (mini D-sub 15 pin)**
 Use the OUTPUT (INPUT1) connector to output the video signal to an external monitor or other component.
 (NOTE)

 - The video signal will not be output from the OUTPUT (INPUT1) connector when the main power of this display is off or in standby mode.
 - When connecting the main units in a series, please set the number that can be connected as a total of 5 including the set that the signal is initially input to. But a condition for performing separate sink or composite sink input and output is that the sink level of the source used is at least TTL level at 2.2kΩ terminal time.

⑦ INPUT2 (BNC jacks)

For connection of components that have RGB or component* (applies only when equipped with PDA-5002) output jacks such as a personal computer, DVD player, or external RGB decoder.

⑧ Synchronizing signal impedance selector switch

Depending on the connections made at INPUT2, it may be necessary to set this switch to match the output impedance of the connected component's synchronization signal.

When the output impedance of the component's synchronization signal is below 75 Ω , set this switch to the 75 Ω position.

⑨ AUDIO INPUT (Stereo mini jack)

Use to obtain sound when INPUT1, INPUT2 or INPUT5* (applies only when equipped with PDA-5002) is selected.

Connect this jack to the audio output connector of the device connected to the plasma display's INPUT1 or INPUT2, or to the audio output connector of the device connected to the video card's INPUT5* (applies only when equipped with PDA-5002).

⑩ AUDIO OUTPUT (Stereo mini jack)

Use to output the audio of the selected source component connected to the main unit to an AV amplifier or similar component.

⑪ MAIN POWER switch

Use to switch the main power or the main unit on and off.

⑫ AC INLET

A power cable is furnished with the main unit: connect one end of the power cable to this connector and the other end to a standard AC power source.

⑬ SPEAKER (L) terminal

For connection of an external left speaker. Connect a speaker that has an impedance of 8 -16 Ω .

Video Card <PDA-5002> Section ★ (applies only when equipped with PDA-5002)

⑭ INPUT5 (DVI-D jack)

Use to connect a computer.

Note: This unit does not support the display of copyguard-protected video signals.

⑮ AUDIO INPUT3 (RCA Pin jacks)

Use to obtain sound when INPUT3 is selected. Connect these jacks to the audio output connectors of components connected to the video card's INPUT3.

Note: The left audio channel (L) jack is not compatible with monaural input sources.

⑯ INPUT3 (S-video jack)

For connection of components that have an S-video output jack such as a video deck, video camera, laser disc player, or DVD player.

⑰ AUDIO INPUT4 (RCA Pin jacks)

Use to obtain sound when INPUT4 is selected. Connect these jacks to the audio output connectors of components connected to the video card's INPUT4.

Note: The left audio channel (L) jack is not compatible with monaural input sources.

⑱ INPUT4 (BNC jack)

For connection of components that have a composite video output jack such as a video deck, video camera, laser disc player, or DVD player.

⑲ OUTPUT (INPUT4) (BNC jack)

Use the OUTPUT (INPUT4) jack to output the video signal to an external monitor or other component.

Note: The video signal will not be output from the OUTPUT (INPUT4) jack when the main power of this display is off or in standby mode.