



Panasonic

55-inch FULL HD LED Video Monitor

TH- 55ASM670D

FHD Leader- LED Model with IPS Panel

Smart Functions with twin tuner

Luxury & Smart Design

Good Picture Quality on both 2D & 3D

Ethernet, Wifi, Media Player

Product Specification

DISPLAY PANEL

| | |
|-------------------------------|---------------------|
| Screen Size | 55-inch |
| Aspect Ratio | 16:9 |
| Visible Screen Size(Diagonal) | 139 cm |
| Number of Pixels | 1920X1080 pixels |
| Operating Life | 50000 Hrs.(Approx.) |

CONNECTION TERMINAL

| | | |
|--|---|---|
| VIDEO IN | RCA Pin Type X 1 | 1.0V(p-p) 75Ω |
| AUDIO IN | RCA Pin Type X 2 | 0.5V(rms) |
| HDMI IN | TYPE A Connectors HDMI1 / 3: 3D, Content Type HDMI2: 3D, Content Type, Audio Return Channel • This supports "HDAVI Control 5" function. | |
| COMPONENT /RGB IN | Y | 1.0 (p-p)(including synchronisation) P _B /C _B ,P _R /C _R ± 0.35V(p-p) |
| DIGITAL AUDIO OUT | PCM / Dolby Digital / DTS, Fibre optic | |
| USB 1/2 | DC 5 V, Max. 500 mA [Hi-Speed USB (USB 2.0)] | |
| Builtin Wireless LAN | Standard compliance and Frequency range*1 IEEE802.11a/n 5.15 GHz - 5.35 GHz, 5.47 GHz - 5.85 GHz IEEE802.11b/g/n 2.400 GHz - 2.4835 GHz Security WPA2-PSK (TKIP/AES),WPA-PSK (TKIP/AES),WEP (64 bit/128 bit) | |
| BlueTooth Wireless Technology ² | Standard Compliance: Bluetooth 3.0 Frequency Range :2.402 GHz - 2.480 GHz | *1: The frequency and channel differ depending on the country. *2: Not all the Bluetooth compatible devices are available with this Display. Up to 5 devices can be used simultaneously (except Touch Pad Controller). |

ELECTRICAL

| | |
|-------------------------|---------------------|
| Power Requirements | AC 110~240V,50/60Hz |
| Rated Power Consumption | 134 W |
| Power off condition | 0.2 W |
| Stand By condition | 0.2 W |

AUDIO

| | |
|--------------------|------------------------|
| Built -in Speakers | 20W (10W+10W) (10%THD) |
|--------------------|------------------------|

MECHANICAL

| | |
|-----------------------|---|
| Dimensions(WXHXD) | 1243 mm x 767 mm x 292 mm (With Pedestal) |
| Weight (Monitor only) | 18.5 Kg |
| Weight | 19.5 Kg |
| Gross Weight | 25 Kg (Approx) |
| Cabinet Color | Glossy Black |

ENVIRONMENTAL

| | |
|-----------------------|--|
| Operating Environment | Operating Temperature : 0°C to 40°C Operating Humidity : 20% to 80% |
| Storage Environment | Temperature : -20°C to 60°C Humidity : 20% to 90% (noncondensation) |

STANDARD

| | |
|--------------------|---------------|
| SAFETY REGULATIONS | IS 13252:2010 |
|--------------------|---------------|

REMOTE CONTROL TRANSMITTER

| | |
|--------------------|--|
| Power requirements | DC 3V (2 X AA Size batteries) |
| Operating Distance | 7 mts. |
| Weight | 79 gm(w/o batteries) / 115 gms (with Batteries) |

INCLUDED ACCESSORIES

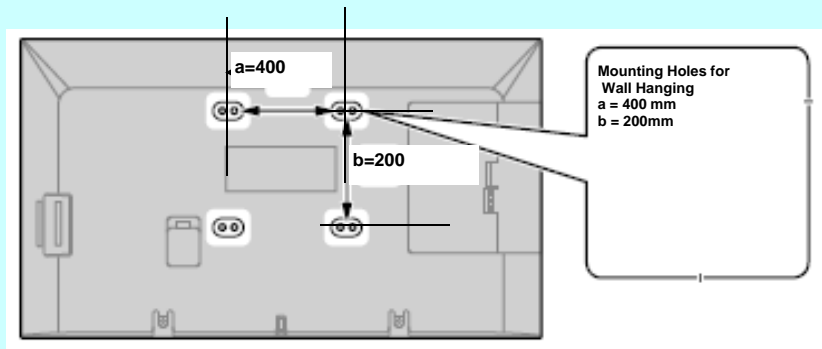
| | |
|--|---|
| | - AC Cord -Operating Instruction Book - Pedestal assy. Remote Control transmitter - Touch pad controller - Batteries - 3D Eyewear(2 Pcs) |
|--|---|

MAIN FEATURES

| | |
|-------------------|--|
| Surround | Yes |
| Viewing Mode | Dynamic/Normal/Cinema/True Cinema/Custom |
| OSD language | English/China/Arabic/Indonesia/Vietnam/Persian/French/Thai/Hindi |
| Av In | 1_Rear |
| Digital Audio Out | 1_Rear |
| HDMI | 2_Bottom ,1_Side |
| Component | 1_Rear |
| Optical Out | 1_Rear |
| USB Input | 2_Side |
| Timer | Yes - Off timer 15,30,45,60,75,90,120 mins. |
| Auto Stand By | Yes |
| Power SW | ALL OFF |
| BackLight Control | User Control |
| Panel Backlight | Direct LED |
| Panel Type | FHD (1920X1080) Pixels |

DIMENSIONS

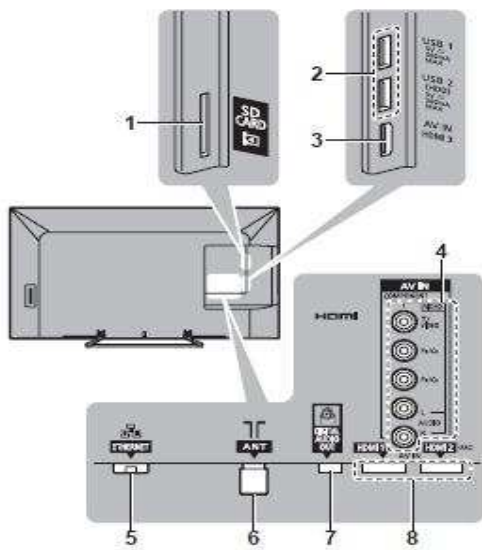
Set Dimensions: 1243 mm x 767 mm x 292 mm (With Pedestal)



Caution: This drawing is not as per scale, Dimensions are in mm.

CONNECTION TERMINAL

Terminals



- 1 SD Card slot
- 2 USB 1 - 2 port
- 3 HDMI3
- 4 AV (COMPONENT / VIDEO)
- 5 ETHERNET
- 6 Aerial terminal → (RF Feature Not Available)
- 7 DIGITAL AUDIO OUT
- 8 HDMI1 - 2

Input signal that can be displayed

| Signal name | COMPONENT | HDMI |
|-------------------------------|-----------|------|
| 525 (480) / 60i, 60p | ○ | ○ |
| 625 (576) / 50i, 50p | ○ | ○ |
| 750 (720) / 60p, 50p | ○ | ○ |
| 1,125 (1,080) / 60i, 50i | ○ | ○ |
| 1,125 (1,080) / 60p, 50p, 24p | | ○ |

○ Mark : Applicable input signal

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

Supported file format in Media Player

| Video | | | | |
|-----------|-------------------------|---|--|---|
| Container | File Extension | Video Codec | Audio Codec | Details/Restrictions |
| AVCHD | .mts | H.264 | Dolby Digital | AVCHD Standard Ver. 2.0 (AVCHD 3D, AVCHD Progressive) |
| SD-Video | .mod | MPEG1, MPEG2 | Dolby Digital, MPEG Audio | SD-Video Standard Ver. 1.31 (Entertainment Video Profile) |
| MOV | .mov, .qt | DivX3, DivX4, DivX5, DivX6, H.264 BP/MP/HP, Motion JPEG, MPEG1, MPEG2, MPEG4 SP/ASP | AAC, Dolby Digital, Dolby Digital Plus, DTS core, HE-AAC, LPCM, MPEG Audio, MP3 | |
| AVI | .avi, .divx | DivX3, DivX4, DivX5, DivX6, H.264 BP/MP/HP, Motion JPEG, MPEG1, MPEG2, MPEG4 SP/ASP, VC-1, Windows Media Video Ver. 9 | AAC, ADPCM, Dolby Digital, Dolby Digital Plus, DTS core, HE-AAC, LPCM, MPEG Audio, MP3, WMA, WMA Pro | Certified to play DivX plus HD video file in Media Player |
| MKV | .mkv | DivX3, DivX4, DivX5, DivX6, H.264 BP/MP/HP, Motion JPEG, MPEG1, MPEG2, MPEG4 SP/ASP | AAC, Dolby Digital, Dolby Digital Plus, DTS core, HE-AAC, MPEG Audio, MP3 | Certified to play DivX plus HD video file in Media Player |
| ASF | .asf, .wmv | DivX3, DivX4, DivX5, DivX6, MPEG4 SP/ASP, VC-1, Windows Media Video Ver. 9 | AAC, Dolby Digital, Dolby Digital Plus, HE-AAC, LPCM, MP3, WMA, WMA Pro | |
| MP4 | .f4v, .m4v, .mp4 | DivX3, DivX4, DivX5, DivX6, H.264 BP/MP/HP, MPEG1, MPEG2, MPEG4, SP/ASP | AAC, Dolby Digital, Dolby Digital Plus, HE-AAC, MPEG Audio, MP3 | |
| FLV | .flv | H.264 | AAC, MP3 | |
| 3GPP | .3gp, .3g2 | H.264, MPEG4 SP/ASP | AAC, HE-AAC | |
| PS | .mpg, .mpeg, .vob, .vro | H.264, MPEG1, MPEG2, VC-1 | AAC, Dolby Digital, Dolby Digital Plus, HE-AAC, LPCM, MPEG Audio, MP3 | |
| TS | .m2ts, .tp, .trp, .ts | H.264, MPEG1, MPEG2, VC-1 | AAC, Dolby Digital, Dolby Digital Plus, DTS core, HE-AAC, MPEG Audio, MP3 | |

Audio

| Container | File Extension |
|---------------|----------------|
| MP3 | .mp3 |
| AAC | .m4a |
| WMA/WMA A Pro | .wma |
| LPCM | .wav |
| FLAC | .flac |

Photo

| Container | File Extension | Image Resolution | Sub Sampling |
|-----------|-------------------|------------------------|---------------------|
| JPEG | .jpg, .jpeg, .mpo | 8 x 8 to 30719 x 17279 | 4:4:4, 4:2:2, 4:2:0 |

VIDEO SIGNALS (From other Sources)

| | |
|-------------------|---|
| NTSC 4.43/5.5 MHz | Playback from Special VCR's or DVD |
| NTSC 4.43/6.0 MHz | |
| NTSC 3.58/5.5 MHz | |
| NTSC 3.58/6.0 MHz | |
| NTSC 3.58/6.5 MHz | |
| SECAM I | Playback from Special Disc Players and Special VCR's or DVD |
| PAL 60 Hz/5.5 MHz | |
| PAL 60 Hz/6.0 MHz | |
| PAL 60 Hz/6.5 MHz | |