

# High-definition Plasma display

# TH-37PHD8UK

## Product summary

This is high-definition plasma display compatible with high-definition PC signals up to UXGA. The built-in "function slot" flexibly accommodates diversifying commercial information sources along with a wide array of features such as dual screen function, simple image enlargement, digital zoom, and various utility functions to meet different purposes and application scenes. This model comes with energy-saving functions such as display power management (DPMS) and auto-off without signals.

### Note:

This model cannot be positioned vertically.

## Product specification

(Design and specifications subject to change without notice)

Main unit	
Power Source	120 V AC, 50/60 Hz
Power Consumption	282 W Power off condition 0.05 W (Stand-by condition 0.7 W : STANDBY SAVE ON 1.0 W : STANDBY SAVE OFF)
Plasma Display panel	Drive method : AC type 37-inch, 16:9 aspect ratio
Color processing	2,048 steps, 8.6 billion colors for darker area
Contrast Ratio	340:1 (Bright place) 3000:1 (Dark place)
Screen size	32.2" (W) x 18.1" (H) (818 mm (W) x 461 mm (H))
Diagonal	37" (939 mm)
Number of pixels	737,280 (1024 (W) x 720 (H)) [3,072 x 720 dots]
Operating condition	Temperature: 32 °F - 104 °F (0 °C - 40 °C) Humidity: 20 % - 80 % (Non condensation)
Applicable signals	Color System: NTSC, PAL, PAL60, SECAM, Modified NTSC Scanning format: 525 (480) / 60i-60p, 625 (575) / 50i-50p, 750 (720) / 60p-50p, 1125 (1080) / 60i-50i-24p-25p-30p-24sF . . . SMPTE 274M, 1250 (1080) / 50i PC signals: VGA, SVGA, XGA / SXGA / UXGA . . . (Compressed) Horizontal scanning frequency 15-110 kHz Vertical scanning frequency 48-120 Hz
Connection terminals (Standard terminal board)	AV • VIDEO IN/OUT(BNC) : 1.0 V [p-p] (75-ohm or high impedance) • S VIDEO (MINI DIN 4PIN) Y : 1.0 V [p-p] (75-ohm) C : 0.286 V [p-p] (75-ohm) • AUDIO IN L/R (RCA PIN JACK x 2) : 0.5 V [rms] (high impedance) COMPONENT/RGB • Y/G (BNC) : 1.0 V [p-p] / composite (75-ohm) 0.7 V [p-p] / non-composite (75-ohm) • Rb/B (BNC), Pr/R(BNC) : 0.7 V [p-p] (75-ohm) • AUDIO IN L/R (RCA PIN JACK x 2) : 0.5 V [rms] (high impedance) PC: (HIGH-DENSITY Mini D-SUB 15 PIN) R,G,B: 0.7 V [p-p] (75-ohm) Component Y: 1.0 V [p-p] (75-ohm) Pb/Cb: 0.7 V [p-p] (75-ohm) Pr/Cr: 0.7 V [p-p] (75-ohm) HD,VD/1.0-5.0 V [p-p] (high impedance) 0.5 V [rms] (high impedance) AUDIO IN (M3 JACK): • SERIAL : EXTERNAL CONTROL TERMINAL (D-SUB 9 PIN), RS-232C COMPATIBLE
(Fixed specifications)	
Speakers (6 Ω)	16 W (8 W + 8 W) (10% THD)
Dimensions (W x H x D)	36.2" x 21.7" x 3.5" (920 mm x 550 mm x 89 mm) (exclusive of protruding portion.)
Mass (weight)	57.3 lbs (26.0 kg): without speakers 66.1lbs (30 kg): with speakers
EMI Regulations	FCC Part 15 Class B Digital Devices
Safety standards	UL6500/C-UL
Material	Front: Styrene plastic, Back cover: Metal
Remote control	
Power source	DC 3 V (2 x AA Size dry cells)
Operation distance	approx. 22'11" (7 m) In front of plasma display.
Mass (weight)	approx. 0.3 lbs. (130 g) Include batteries

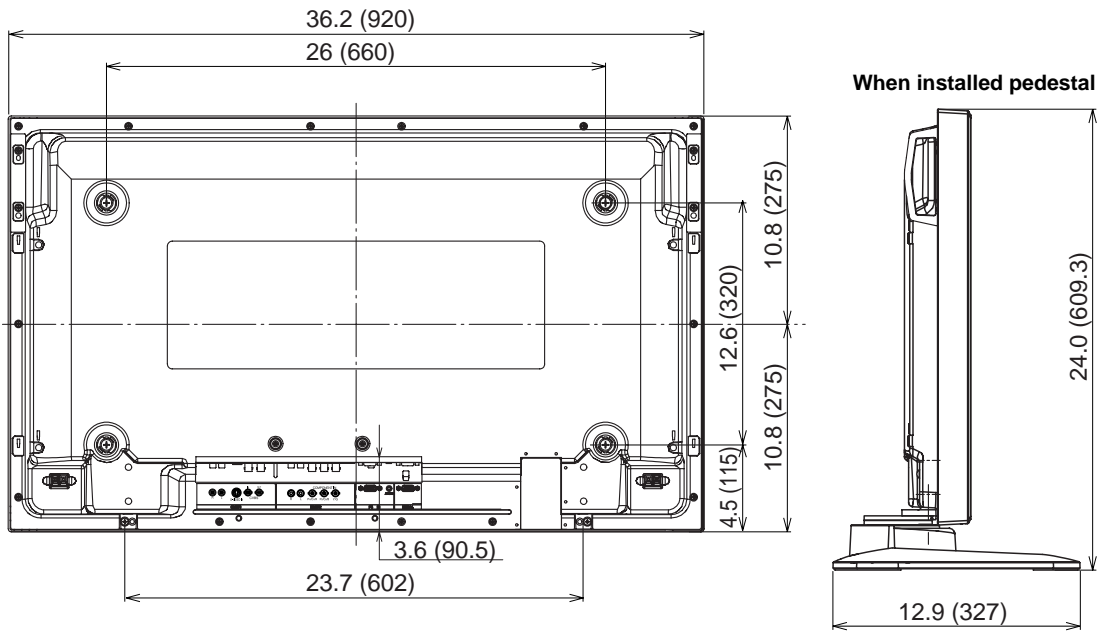
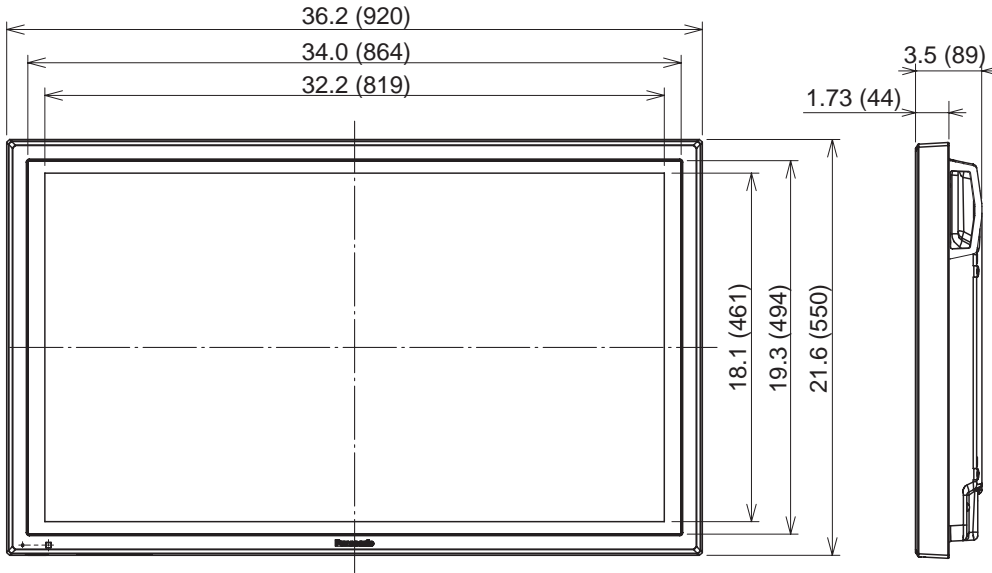
\*The speaker rating is for one unit.

\*TH-37PHD8UK has carrying handles.

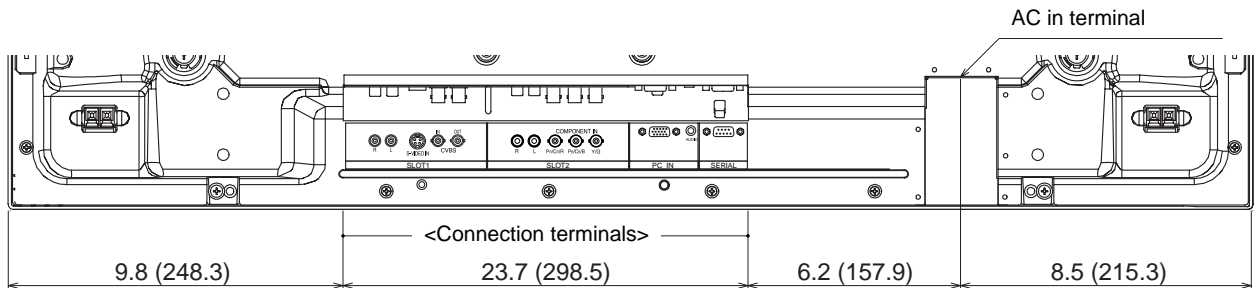
Accessories • Remote control unit • Battery • Band • Power cord • Warranty • Operating instructions book  
Optional • Speakers • Wall-hanging bracket (Vertical: V, H common use/Angled) • Ceiling-hanging bracket  
• Pedestal • Wall stand • Terminal boards

# ■Dimensions

Units : inches (mm)



## <Terminal dimension>



## <Connection terminals>

