

Service Manual

Wide Plasma Display



TH-50PHD5
TH-50PHW5
GPH5D2 Chassis

Specifications

Power Source: AC120V 50/60Hz (UY/UZ version)
AC220-240V 50/60Hz
(Except UY/UZ version) model)

Power Consumption: 495 W
2.4W (stand-by condition)
(UY/UZ version)
3.0W (stand-by condition)
(Except UY/UZ version model)
0.9W (Power off condition)
(UY/UZ version model)
1.7W (Power off condition)
(Except UY/UZ version model)

Plasma Display panel: Drive method AC type
50-inch, 16:9 aspect ratio

Contrast Ratio: 3000:1

Screen size: 1,106 mm (W)×622 mm (H)
1,269 mm (diagonal)
No. of pixels
1,049,088 (1,266 (W)×768 (H))
[4,096×768 dots]

Operating condition:

Temperature: 34 °F - 104 °F (0 °C - 40 °C)

Humidity: 20 % - 80 %
Horizontal scanning frequency 15.6 - 110kHz
Vertical scanning frequency 48 - 120Hz

Connection terminals:

AV Video in 1.0 Vp-p (75-ohm)

S-VIDEO IN (MINI DIN 4PIN)
AUDIO IN (RCA PIN JACK × 2)
COMPONENT/RGB
Y/G 1.0 Vp-p/composite (75-ohm)
0.7 Vp-p/non-composite (75-ohm)
Pb/B 0.7 Vp-p (75-ohm)
Pr/R 0.7 Vp-p (75-ohm)
HD 1.0 - 5.0 Vp-p (high impedance)
VD 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (RCA PIN JACK × 2) 0.5 Vrms (high impedance)

PC (HIGH-DENSITY D-SUB15PIN)
R/G/B/0.7 Vp-p (75-ohm)
HD, VD 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (MS JACK) 0.5Vrms (high impedance)

SERIAL
EXTERNAL CONTROL RS-232C COMPATIBLE
TERMINAL (D-SUB9PIN)

SPEAKERS (External speakers) 6Ω 1.6W [5W+5W] (10% THD)

Dimensions (W×H×D): 47.6" (1,210 mm)×26.5" (724mm)×3.9" (98 mm)

Weight (Mass): approx. 94.8 lbs (42.5 kg) (main unit only)
approx. 104.9 lbs (47.1kg) (with speakers)

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