

VIDEO/COMPONENT/HDMI input signals

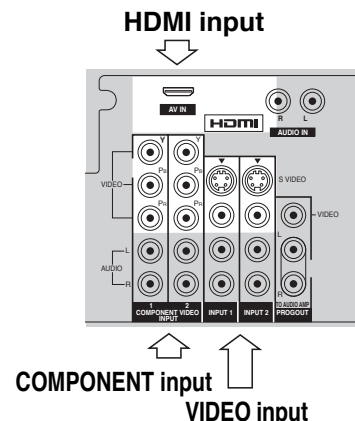
VIDEO input

| | signal name | horizontal frequency(kHz) | vertical frequency(Hz) |
|---|-------------|---------------------------|------------------------|
| 1 | NTSC | 15.73 | 59.94 |

Applicable input signals (* mark)

| | signal name | horizontal frequency(kHz) | vertical frequency(Hz) | COMPONENT | HDMI |
|---|--------------------|---------------------------|------------------------|-----------|------|
| 1 | 525 (480) /60i | 15.73 | 59.94 | * | * |
| 2 | 525 (480) /60p | 31.47 | 59.94 | * | * |
| 3 | 750 (720) /60p | 45.00 | 59.94 | * | * |
| 4 | 1,125 (1,080) /60i | 33.75 | 59.94 | * | * |

Note: Signals without above specification may not be displayed properly.



Specifications

| | TH-37PX50U | TH-42PX50U | TH-50PX50U | | | | | | | | | | | | | | | |
|--|--|---|---|---------------|---|---|--------------|--|---------------------------------|--------------------------|--|---|------|---|----------|-------------------|----------------------------------|--|
| Power Source | AC 120 V, 50/60 Hz | | | | | | | | | | | | | | | | | |
| Power Consumption | | | | | | | | | | | | | | | | | | |
| Maximum | 325 W | 399 W | 525 W | | | | | | | | | | | | | | | |
| Stand-by condition | 0.6 W (with CableCARD™: 18.0 W) | 0.6 W (with CableCARD™: 22.0 W) | 0.6 W (with CableCARD™: 22.0 W) | | | | | | | | | | | | | | | |
| Plasma Display panel | Drive method : AC type 37-inch , 16 : 9 aspect ratio | Drive method : AC type 42-inch , 16 : 9 aspect ratio | Drive method : AC type 50-inch , 16 : 9 aspect ratio | | | | | | | | | | | | | | | |
| Screen Size (W × H × diagonal) | 32 13/64 " (818 mm) × 18 5/32 " (461 mm) × 36 31/32 " (939 mm) | 36 7/32 " (920mm) × 20 25/64 " (518 mm) × 41 9/16 " (1056 mm) | 43 35/64 " (1106 mm) × 24 31/64 " (622 mm) × 49 61/64 " (1269 mm) | | | | | | | | | | | | | | | |
| Dimensions (W × H × D) | 38 7/64 " (968 mm) × 25 15/64 " (641 mm) × 3 51/64 " (96.5 mm) | 42 3/64 " (1068 mm) × 27 39/64 " (701 mm) × 3 51/64 " (96.5 mm) | 49 31/64 " (1257 mm) × 32 3/64 " (814 mm) × 3 51/64 " (96.5 mm) | | | | | | | | | | | | | | | |
| Mass (Weight) | 66.14lb. (30kg) | 76.06lb. (34.5kg) | 99.21lb. (45kg) | | | | | | | | | | | | | | | |
| Channel Capability-ATSC/NTSC | VHF/ UHF : 2-69, CATV:1-135 | | | | | | | | | | | | | | | | | |
| Sound | | | | | | | | | | | | | | | | | | |
| Speaker | 4 23/32 " (120 mm) × 2 23/64 " (60 mm) × 2 pcs, 6 Ω | | | | | | | | | | | | | | | | | |
| Audio Output | 16 W [8 W + 8 W] (10 % THD) | | | | | | | | | | | | | | | | | |
| FEATURES | 3D Y/C FILTER CLOSED CAPTION | HDMI V-Chip | Cable CARD™ Slot | | | | | | | | | | | | | | | |
| Accessories Supplied | Remote control: EUR7627Z60 AA Battery × 2 AC Cord | F-type antenna adapter (5C-2V × 1) Pedestal Cable clammer × 2 | | | | | | | | | | | | | | | | |
| Operating Conditions | Temperature : 32 °F - 104 °F (0 ° - 40 °C) Humidity : 20 % - 80 % (non-condensing) | | | | | | | | | | | | | | | | | |
| Connection Terminals | <table border="0"> <tr> <td>AV INPUT 1- 2</td> <td>VIDEO (Phono Jack Type) S-VIDEO (Mini DIN 4-pin) AUDIO L-R (Phono Jack Type × 2)</td> <td>1.0 Vp-p (75 Ω) Y : 1.0 Vp-p (75 Ω), C : 0.286 Vp-p (75 Ω) 0.5 Vrms</td> </tr> <tr> <td>AV PROG. OUT</td> <td>VIDEO (Phono Jack Type) AUDIO L-R (Phono Jack Type × 2)</td> <td>1.0 Vp-p (75 Ω) 0.5 Vrms</td> </tr> <tr> <td>COMPONENT VIDEO INPUT1-2</td> <td>Y P_B / P_R AUDIO L-R (Phono Jack Type × 2)</td> <td>1.0 Vp-p (including synchronization) ± 0.35 Vp-p 0.5 Vrms</td> </tr> <tr> <td>HDMI</td> <td>HDMI type A Connector AUDIO L-R (Phono Jack Type × 2)</td> <td>0.5 Vrms</td> </tr> <tr> <td>DIGITAL AUDIO OUT</td> <td>PCM / Dolby Digital, Fiber Optic</td> <td></td> </tr> </table> | | | AV INPUT 1- 2 | VIDEO (Phono Jack Type) S-VIDEO (Mini DIN 4-pin) AUDIO L-R (Phono Jack Type × 2) | 1.0 Vp-p (75 Ω) Y : 1.0 Vp-p (75 Ω), C : 0.286 Vp-p (75 Ω) 0.5 Vrms | AV PROG. OUT | VIDEO (Phono Jack Type) AUDIO L-R (Phono Jack Type × 2) | 1.0 Vp-p (75 Ω) 0.5 Vrms | COMPONENT VIDEO INPUT1-2 | Y P _B / P _R AUDIO L-R (Phono Jack Type × 2) | 1.0 Vp-p (including synchronization) ± 0.35 Vp-p 0.5 Vrms | HDMI | HDMI type A Connector AUDIO L-R (Phono Jack Type × 2) | 0.5 Vrms | DIGITAL AUDIO OUT | PCM / Dolby Digital, Fiber Optic | |
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| DIGITAL AUDIO OUT | PCM / Dolby Digital, Fiber Optic | | | | | | | | | | | | | | | | | |

Note: Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.