# BT-LH1770P

**US Only Model**

## General

| | |
|---|---|
| Power Supply: | AC 100 V—120 V, 50 Hz/60 Hz<br>AC 200 V—240 V, 50 Hz/60 Hz<br>DC 12V (10.5 V—18 V) |
| Power Consumption: | AC Input: 40 W<br>DC (12V) Input: 36 W |
| Operating Temperature: | 0 °C to 40 °C (32 °F to 104 °F) |
| Operating Humidity: | 20 % to 85 % (no condensation) |
| Storage Temperature: | –20 °C to 60 °C (–4 °F to 140 °F ) |
| Storage Humidity: | 5 % to 85 % (no condensation) |
| Weight: | Approx. 5.8 kg (12.8 lbs)<br>(unit only, not including stand) |
| Dimensions: | 428 mm (W) x 301 mm (H) x 80 mm (D)<br>(16-7/8 inches x 11-7/8 inches x 3-1/8 inches)<br>(unit only, not including stand) |

## LCD Panel

| | |
|---|---|
| Panel Size: | 42 cm (16.5 V inches) of effective display area |
| Aspect Ratio: | 16:9 |
| Resolution: | 1920 dots x 1080 dots |
| Display Colors: | 1000.7 million colors |
| Viewing Angle: | 178° both of horizontal and vertical |

## Connectors

| | |
|---|---|
| Video Input: | Video (VBS):<br>BNC x 1 (loop-through),<br>analog composite (NTSC/PAL-B) signal<br>SDI (3G/HD/SD):<br>BNC x 2, embedded audio supported<br>HDMI:<br>HDMI x 1, HDCP supported,<br>embedded audio supported |
| Video Output: | SDI:<br>BNC x 2*, active through |
| Audio Input: | Stereo mini jack, Analog audio input |
| Headphone Output: | Ø3.5 stereo mini jack type |

## Signal Level

| | |
|---|---|
| Audio: | Headphone output: 85 mW/ch (RL: 32 Ω)<br>Speaker output: 1W or more |

## Others

Supplied Accessories:
Operation Manual, Parallel remote connector,
AC power cord, Monitor stand,
Screw for monitor stand

*The two outputs can be used as two inputs depending on the setting.

## Supported Video Input Formats

| Video Input Signal | VIDEO | SDI | HDMI |
|---|---|---|---|
| NTSC | ✓ | | |
| PAL | ✓ | | |
| 480/59.94i | | ✓ | ✓*7 |
| 480/59.94p | | | ✓*7 |
| 576/50i | | ✓ | ✓ |
| 576/50p | | | ✓ |
| 720/23.98p | | ✓ | |
| 720/24p | | ✓ | |
| 720/25p | | ✓ | ✓ |
| 720/29.97p | | ✓ | ✓*8 |
| 720/30p | | ✓ | ✓ |
| 720/50p | | ✓ | ✓ |
| 720/59.94p | | ✓ | ✓*7 |
| 720/60p | | ✓ | ✓ |
| 1035/59.94i*1 | | ✓ | |
| 1035/60i*2 | | ✓ | |
| 1080/23.98PsF | | ✓*3 | ✓*9 |
| 1080/24PsF | | ✓*4 | ✓ |
| 1080/25PsF | | ✓*5 | ✓*5 |
| 1080/29.97PsF | | ✓*6 | ✓*8 |
| 1080/30PsF | | ✓ | ✓ |
| 1080/50i | | ✓ | ✓ |
| 1080/59.94i | | ✓ | ✓*7 |
| 1080/60i | | ✓ | ✓ |
| 1080/23.98p | | ✓ | ✓*9 |
| 1080/24p | | ✓ | ✓ |
| 1080/25p | | ✓ | ✓ |
| 1080/29.97p | | ✓ | ✓*8 |
| 1080/30p | | ✓ | ✓ |
| 1080/50p | | ✓ | ✓ |
| 1080/59.94p | | ✓ | ✓*7 |
| 1080/60p | | ✓ | ✓ |

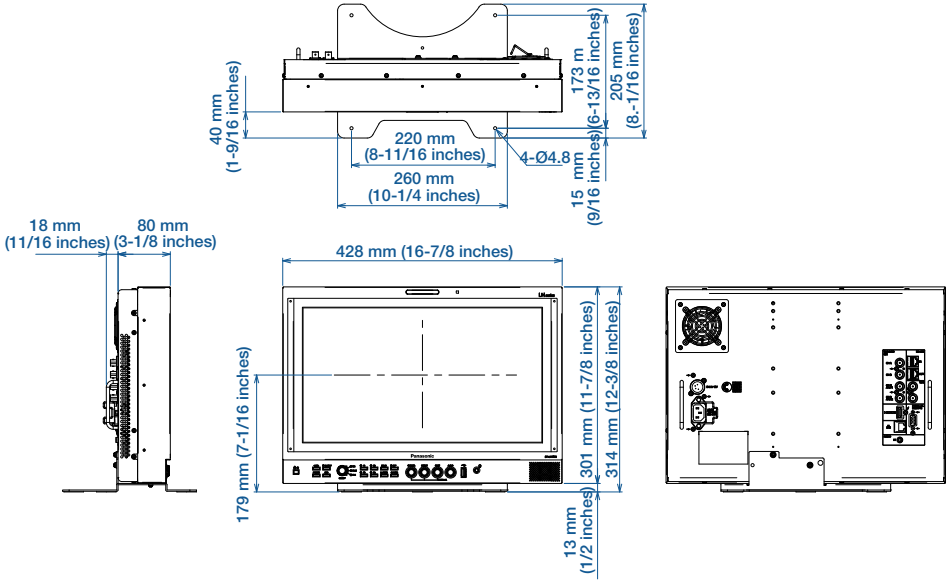
✓: Supported
* RGB444 and YCbCr422 (12 bit) are not supported.
*1: When 1035/59.94i signal is input, images are displayed in 1080/59.94i. In that case, the displayed markers are for 1080/59.94i.
*2: When 1035/60i signal is input, images are displayed in 1080/60i. In that case, the displayed markers are for 1080/60i.
*3: When SDI is input at 1080/23.98PsF signal, status display shows as 1080/48i.
*4: When SDI is input at 1080/24PsF signal, status display shows as 1080/48i.
*5: When 1080/25PsF signal is input, status display shows as 1080/50i.
*6: When SDI is input at 1080/29.97PsF signal, status display shows as 1080/60i.
*7: When HDMI is input at 59.94i/p signal, status display shows as 60i/p.
*8: When HDMI is input at 29.97p signal, status display shows as 30p.
*9: When HDMI is input at 23.98p signal, status display shows as 24p.

## Supported PC Input Signal

| Input Signal | HDMI Input |
|---|---|
| VGA (640 x 480) | ✓ |
| SVGA (800 x 600) | ✓ |
| XGA (1024 x 768) | ✓ |
| WXGA (1280 x 768) | ✓ |
| SXGA (1280 x 1024) | ✓ |
| UXGA (1600 x 1200) | ✓ |
| WUXGA (1920 x 1200) | ✓ |

✓: Supported *Not all frequencies are supported.

## Dimensions




# Optional Accessories

## Optional Accessories for BT-LH1770P (US Only Model)

**BT-MA1772G**
Tilt Stand

**BT-MA1773G**
Rack Mount Bracket

**BT-MA1774G**
Rack Mount Bracket
(with Tilt Fanction)