

Panasonic

BT-LH1770

LCD Video Monitor

Scheduled for release in summer 2017

US Only

Preliminary



Featuring a high-quality Full-HD/10-bit LCD panel and AC/DC power supply capability, the 420 mm (16.5 inches) LCD video monitor offering high versatility in field shooting, production monitor, and other shooting situations.

The Panasonic BT-LH1770 is a 420 mm (16.5 inches) LCD video monitor designed for video production and broadcasting applications. The monitor display is a Full-HD/10-bit LCD panel and delivers high image quality. It operates on AC/DC power and is mountable in a 19-inch rack.

The new monitor uses an IPS LCD panel with a wide viewing angle, high brightness, high contrast ratio, superb motion-image response, and excellent color reproduction. Featuring Full-HD (1920 × 1080) resolution, input images are displayed without resizing. Faithful gradation is also achieved by 10-bit processing.

Input terminals include 3G-SDI (x2), HDMI, and analog composite input to support a wide variety of sources. Various functions, including embedded audio and Waveform Monitor (WFM)/ Vectorscope (VS) display support broadcast operation. Versatility and easy operation are provided by functions such as user files for simple color matching across multiple monitors, and menu setting with a USB mouse.

AC/DC/battery drive and 19-inch rack mounting (7U) meet the needs of field shooting and relay broadcasting, supporting a wide range of production and broadcasting applications.

BT-LH1770 LCD Video Monitor

Full-HD/10-bit IPS LCD panel

The display panel is an IPS LCD and offers a wide viewing angle, high brightness, high contrast ratio, excellent motion-image response and outstanding color reproducibility. The Full-HD (1920 x 1080) resolution means all input pixels are displayed without resizing. Furthermore, the 10-bit processing capability assures faithful gradation reproduction.

3G-SDI/HDMI/analog composite input terminals

The BT-LH1770 comes standard with two SDI input connectors that are compatible with 3G, 1.5G and SD, one HDMI input connector and one analog input connector (composite video/stereo audio) to support a wide range of video sources. The BT-LH1770 is provided with output connectors for SDI (Active Through x 2), analog audio and headphone, and has built-in stereo speakers.

HDMI The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

Various functions support broadcasting operations

- **Embedded Audio:** Embedded audio in the incoming SDI video signal to be monitored can be selected from CH1/2, CH3/4, CH5/6 and CH7/8. The audio level can also be displayed.
- **WFM/VS Display:** Waveform Monitor (WFM) and Vectorscope (VS) are displayed.
- **TC/CC Display:** Time code (VITC/LTC) and closed caption can be displayed.
- **Still Frame Display (Frame Grab):** Desired frame can be captured as a still image and compared with an image of the incoming video signal for matching the angle of view and colors with those of previously record image.
- **Built-in Test Patterns:** Color bar, grayscale, 100% image, 25% gray and test patterns of -6.8% to 0% and 100% to 109% can be output.
- **Zoom:** Selected image section can be displayed in an enlarged size of x2 or x4 without color scaling.

A wealth of markers and shadow function

- **Various Markers:** Equipped with safe area markers for 4:3 (in 16:9 mode), 13:9, 14:9, 15:9 and 16:9 (in 4:3 mode) as well as crosshatch (5/10).
- **User Markers:** Up to 100 types of user markers can be flexibly set in a range of 80% to 90% and saved. They can be easily recalled and used according to applications or shooting scenes.
- **Shadow Function:** Shadow can be applied to the area outside of marker areas.

Supports multiple monitor operation

- **User File:** Settings data can be stored in a USB flash drive. This allows management of data on a PC and copying of settings data to other monitors.

Easy mouse operation

- **Mouse Operation Supported:** A USB mouse can be connected and used for menu settings. A wireless mouse can also be connected. The scroll wheel of the mouse can be used to adjust the color temperature.
- **Function Buttons:** Function buttons (F1 to F4) can be assigned desired functions.

AC/DC/battery drive and 19-inch rack mountable

The BT-LH1770 also operates on DC power supply, such as a battery, and is designed for low power consumption. It can be mounted in a 19-inch rack (7RU size). The compact size provides extra convenience in outdoor shooting, live relay, and other shooting situations requiring high mobility.

Optional Stand and Bracket

Product Name	Model Number
Fixed Stand	BT-MA1771G
Tilttable Stand	BT-MA1772G
Rack Mounted Bracket	BT-MA1773G
Tilttable Rack Mounted Bracket	BT-MA1774G

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Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)