

Panasonic

BT-H1490_Y

14" Diagonal Colour Video Monitor

High-Resolution Monitor Loaded with the Features Professionals Need

- High horizontal resolution of more than 750 TV lines
- Professional functions for greater working efficiency
- On-screen menu for operational convenience
- Serial digital interface (optional)
- 4:3/16:9 aspect ratio



BT-H1490Y 14" Diagonal Colour Video Monitor

Horizontal Resolution of Over 750 Lines

Advanced CRT and video circuit technology allows the BT-H1490Y to deliver a remarkably sharp picture with horizontal resolution of more than 750 TV lines.

Abundant Functions for Professional Applications

Frequently used controls and buttons, such as picture adjustment and input selection buttons, are neatly arranged on the front. In addition to these basic controls, various functions can be operated with the on-screen menu.

Functions Accessible by On-Screen Menu

- Aspect ratio switching: 4:3/16:9
- Filter selection: comb/notch/both
- Peaking frequency switching: 2.6MHz/5.0MHz
- Peaking level setting: 0dB to +9dB
- AFC selection: normal/fast/slow
- Colour temperature switching: 9300K/6500K
- NTSC luminance signal level switching: 0%/7.5%
- Chrominance level selection for component video signal: SMPTE/BETA00/BETA75
- Size/position adjustment for analogue RGB: horizontal position, vertical position, horizontal size, vertical size
- White balance adjustment: adjustment of drive level and cut-off voltage for red, green, and blue signal components
- Tally/remote terminal settings
- Status display on/off switching
- Front control lock on/off switching

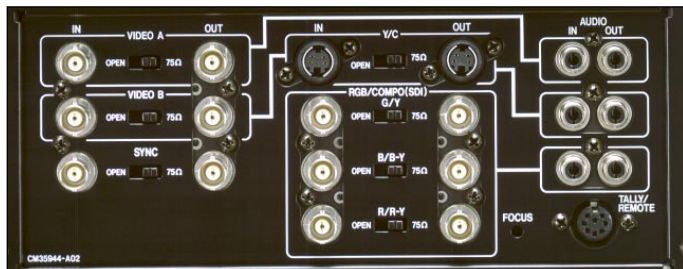
Preset Memory Function

Picture settings can be stored in memory and instantly recalled by pressing the "MEMORY MODE" button. Settings can also be easily revised with the on-screen menu.

On-Screen Menu

Pressing the "MENU" button on the front displays menu of the picture characteristics and functions for easy and accurate control.

Rear terminals



Front controls

Optional Serial Digital Interface

By connecting to the optional serial digital interface (TY-SD90), the BT-H1490Y can be used as a monitor for equipment with digital output, such as a digital video camera.



Optional Serial Digital Interface TY-SD90

16:9/4:3 Aspect Ratio

The BT-H1490Y handles both the conventional 4:3 aspect ratio and the wide-screen 16:9, for monitoring DVD and other upcoming sources.

Other Valuable Features

- Video/audio input/output terminals for video A, video B, RGB/COMPO (SDI), and Y/C
- External sync. input/output terminals
- External sync. on/off button
- 8-pin tally/remote terminal
- Tally lamp
- Built-in speaker
- Underscan
- Pulse cross
- Colour off
- Blue check
- Degauss
- Focus control (rear panel)

Specifications

Colour system:	PAL/NTSC 3.58 MHz/NTSC 4.43 MHz
Picture tube:	14" (36 cm) diagonal, 90° deflection, in-line gun, medium-high definition, trio-dot type (dot pitch: 0.28 mm), EBU standard phosphor
Effective screen size:	280 (W) x 210 (H) mm,
Scanning frequency:	PAL: H: 15.625 kHz, V: 50 Hz NTSC: H: 15.734 kHz, V: 59.94 Hz
Horizontal resolution:	more than 750 TV lines
Colour temperature:	6500K: x = 0.313, y = 0.329 9300K: x = 0.283, y = 0.297 (selectable)
Video inputs:	
Composite video:	INPUT A, B (2 lines), BNC x 2 each (with 1 bridge-connect output), termination switches provided, 1.0 Vp-p, 75Ω negative sync
Y/C:	Y/C (1 line), mini-DIN (4-pin) x 2 (with 1 bridge-connected output), termination switches provided, Y: 1.0 Vp-p, 75Ω, negative sync C (PAL): 0.3 Vp-p, 75Ω C (NTSC 3.58/4.43 MHz): 0.286 Vp-p (NTSC), 75Ω
Analogue RGB:	RGB/COMPO (SDI) (1 line, common with Y, R-Y, B-Y component), BNC x 6 (with 3 bridge-connected outputs), termination switches provided R, B: 0.7 Vp-p, 75Ω G: 0.7 Vp-p, 75Ω G on sync: 1.0 Vp-p, 75Ω, negative sync
Y, R-Y, B-Y component:	RGB/COMPO (SDI) (1 line, common with analogue RGB), Y: 0.7 Vp-p, 75Ω, negative sync R-Y, B-Y: 0.7 Vp-p, 75Ω
External sync inputs:	SYNC (1 line), BNC x 2 (with 1 bridge-connected output), 0.2 – 4.0 Vp-p composite sync, 75Ω, negative sync, termination switch provided
Audio inputs:	AUDIO A, B, RGB/COMPO (SDI) (3 lines), RCA x 2 each, (with 1 bridge-connected output), 500 mVrms, high impedance
Tally/remote:	TALLY/REMOTE, DIN (8-pin) x 1
Audio power output:	0.8 W
Built-in speaker:	9 x 5 cm oval x 1
Operating temperature:	0–40°C
Operating humidity:	20–80% (non-condensing)
Power source:	230 V (220–240 V) AC, 50/60 Hz
Power consumption:	0.6 A
Dimensions (W x H x D):	346 x 332 x 410 mm
Weight:	16.2 kg
Accessory:	AC power cord x 2
Optional accessory:	Rack mount bracket: TY-K1490

Weights and dimensions shown are approximate. Specifications subject to change without notice.

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Panasonic is the brandname of Matsushita Electric.