

# Panasonic

# BT-S1050<sub>Y</sub>

10" Diagonal Colour Video Monitor

## Compact, Portable Monitor with Abundant Functions

- Versatile Functions for Professional Applications
- S-Video Input/Output Capability
- PAL/NTSC Colour System
- 4:3/16:9 Aspect Ratio
- AC/DC Operation
- Tally/Remote Switch



# BT-S1050Y 10" Diagonal Colour Video Monitor



Front Controls

## S-Video Input/Output Capability

For direct compatibility with S-VHS format equipment, the BT-S1050Y features 4-pin S-Video input and output connectors.

## PAL/NTSC Colour System

Both PAL and NTSC inputs can be monitored with the BT-S1050Y. Simply push the selector button to switch the colour system.

## 16:9/4:3 Aspect Ratio

The BT-S1050Y handles both the conventional 4:3 aspect ratio and the wide-screen 16:9, making it the ideal monitor for DVD and other upcoming sources.

## AC/DC Operation

In addition to operation with an AC outlet, the BT-S1050Y can be operated on a 12V DC supply. This allows it to be used as a field monitor for recording on location.



Anton Bauer and PaG battery adapters can be used.

## Tally/Remote Switch

A tally remote terminal makes it easy to set up a sub-master monitor system comprising several monitors. Video input selection, underscan, internal/external sync selection, aspect ratio selection, pulse cross, and colour/mono selection can be operated from an external unit. A tally lamp is equipped on the front panel.

## Two Video Input Capability

Two video inputs (A and B) can be connected. Line B also features S-Video input/output terminals. To select the video/audio signal input, use the selector button on the front. (Line B: S-Video signal has priority)

## Other Features for Professional Applications

- Underscan to reduce display size for whole-picture observation.
- Pulse cross for observation of vertical and horizontal sync signal.
- Mono (colour off) mode for checking white balance.
- Monochrome blue mode for checking chroma and phase.
- Front panel controls include volume, phase (for NTSC only), chroma, brightness, and contrast.
- Chroma preset for PAL and NTSC can be adjusted independently.
- V-hold control.
- AFC fast/normal switch.
- Automatic termination for video A, video B, and S-Video.
- Built-in speaker.



Rear terminals

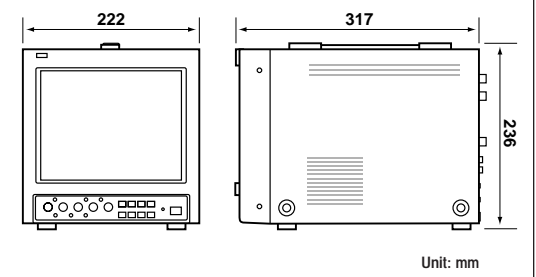
## Specifications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour system:          | PAL/NTSC                                                                                                                                                                                                                                                                                                                                                                                                           |
| Picture tube:           | 10" (25 cm) diagonal, flat square tube, 90° deflection, in-line gun, vertical line trio type (phosphor stripe pitch: 0.5 mm)                                                                                                                                                                                                                                                                                       |
| Effective screen size:  | 175 (W) x 137 (H) mm, 222 mm diagonal                                                                                                                                                                                                                                                                                                                                                                              |
| Scanning frequency:     | PAL: H: 15.625 kHz, V: 50 Hz<br>NTSC: H: 15.734 kHz, V: 59.94 Hz                                                                                                                                                                                                                                                                                                                                                   |
| Horizontal resolution:  | more than 280 TV lines (Y/C input)                                                                                                                                                                                                                                                                                                                                                                                 |
| Input terminals:        | Video A: Composite: BNC x2 <sup>*1+2</sup> , 1 Vp-p, 75Ω negative sync<br>Video B: Composite: BNC x2 <sup>*1+2</sup> , 1 Vp-p, 75Ω negative sync<br>S-Video: mini-DIN 4-pin x2 <sup>*1+2</sup> , Y: 1.0 Vp-p, 75Ω, C: 0.3 Vp-p (PAL), 0.286 Vp-p (NTSC), 75Ω<br>Audio A: RCA pin x2 <sup>*1</sup> , 0.5 Vrms, high impedance (monaural)<br>Audio B: RCA pin x2 <sup>*1</sup> , 0.5 Vrms, high impedance (monaural) |
| External sync:          | Composite sync, BNC x2 <sup>*1+2</sup> , 1-4 Vp-p, 75Ω                                                                                                                                                                                                                                                                                                                                                             |
| Tally/remote:           | DIN 8-pin x1                                                                                                                                                                                                                                                                                                                                                                                                       |
| Audio power output:     | 1 W (monaural)                                                                                                                                                                                                                                                                                                                                                                                                     |
| Built-in speaker:       | 8 cm round x1, 8Ω                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operating temperature:  | 0-40°C                                                                                                                                                                                                                                                                                                                                                                                                             |
| Operating humidity:     | 20-80% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                            |
| Power source:           | 220-240 V AC, 50/60 Hz or 12 V DC                                                                                                                                                                                                                                                                                                                                                                                  |
| Power consumption:      | AC: 0.33 A, DC: 3.5 A                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions (W x H x D): | 222 x 236 x 317 mm                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight:                 | Approx. 7.4 kg                                                                                                                                                                                                                                                                                                                                                                                                     |
| Accessory:              | AC power cord                                                                                                                                                                                                                                                                                                                                                                                                      |

\*1 Bridged connection is possible.  
\*2 Automatic termination.

Weights and dimensions shown are approximate. Specifications subject to change without notice. Trademarks or registered trademarks are the property of their respective holders.

## Dimensions



Unit: mm

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## [Countries and Regions]

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| Argentina      | Tel. 54-1-308-1610   | Iran         | Tel. 98-21-2271463   | South Africa | Tel. 27-11-313-1400  |
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