

Panasonic

BT-**S1415**_{DAD}
BT-**S1415**_{DA}
14" Diagonal Colour Video Monitors

PAL/SECAM/NTSC

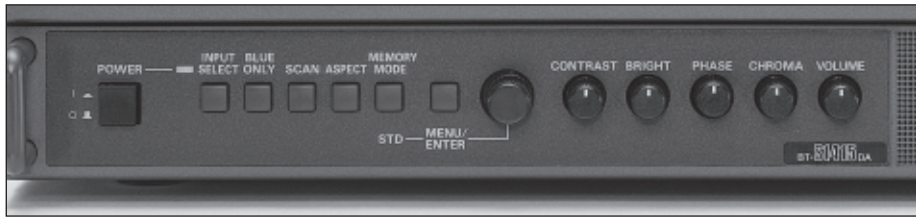
Compact, High-Performance Monitors for Use with Digital TV Systems

- 576i/480i component signal compatibility
- Serial digital interface*
- Selectable 4:3/16:9 aspect ratio
- On-screen menu and rotary encoder
- Preset memory function

* Optional for the BT-S1415DA



BT-S1415DAD/DA 14" Diagonal Colour Video Monitors



Front controls

Panasonic's BT-S1415DAD and BT-S1415DA are compact, high-performance monitors that are compatible with both 576i and 480i component signals. Designed for use by broadcasting studios with DTV systems, both models can also be used for monitoring digital signal lines via a serial digital interface.

Accepts 576i/480i Component Signals

Accepting input of both 576i and 480i component signals, both models are ideal as a monitor in systems that use these high-resolution DTV formats.

Serial Digital Interface

The built-in serial digital interface lets the BT-S1415DAD serve as a monitor for equipment with digital broadcast systems based on the SMPTE 259M standard.

An optional interface unit (ET-SD06) is available for the BT-S1415DA.



Optional Serial Digital Interface ET-SD06

Selectable 4:3/16:9 Aspect Ratio

Each model handles both the conventional 4:3 aspect ratio and the wide-screen 16:9, for monitoring a variety of upcoming picture sources.

On-Screen Menu and Rotary Encoder

Frequently used controls are neatly arranged on the front panel. In addition to these basic controls, functions for a wide range of

professional applications can be operated with the on-screen menu. The rotary encoder facilitates high-precision control.

Preset Memory Function

User's control settings, such as brightness, chroma, phase, and contrast, can be stored in memory and instantly recalled.

Functions accessible by on-screen menu

- Colour temperature selection: 6500K/9300K/User Preset
- Aperture
- Component signal level selection
- External sync switching
- Set-up selection
- Blue only
- RGB/YBPBR switching
- S-VIDEO/VIDEO switching

Other Valuable Features

- Accepts analogue composite signals (PAL/SECAM/NTSC)
- Aspect ratio switching: 4:3/16:9
- Picture controls on the front panel: Contrast, Brightness, Phase, Chroma
- Underscan
- Mountable on an EIA standard 19" rack
- Built-in speaker
- Remote terminal for aspect tally switch
- Tally lamp



Rear terminals (BT-S1415DAD)

Specifications

Picture tube:	14" diagonal, 90° deflection, in-line gun, dot pitch: 0.63 mm
Effective screen size (W x H):	281 x 211 mm (min.)
Horizontal resolution:	Typical 420 TV lines
Colour temperature:	6500K/9300K/user preset
Colour system:	PAL/SECAM/NTSC
Audio power output:	1.5 W (10% THD)
Speaker:	Oval (7.1 x 4.1 cm) x 1, 8Ω
Input/output terminals:	
Line A (IN/OUT):	
VIDEO:	BNC, 1 Vp-p (75Ω or high-impedance, auto)
S-VIDEO:	mini DIN 4-pin, Y: 1 Vp-p (75Ω or high-impedance, auto), C: 0.3 Vp-p (PAL)/0.286 Vp-p (NTSC) (75Ω or high-impedance, auto)
AUDIO:	RCA phono, 0.5 Vrms (more than 22kΩ)
Line B (IN/OUT):	
YPBPR:	BNC, Y: 1 Vp-p (75Ω or high-impedance, auto) PBPR: ±0.35 V (75Ω or high-impedance, auto)
GBR:	BNC, G, B, R: 0.7 Vp-p (75Ω or high-impedance, auto), G on sync: 1 Vp-p (75Ω or high-impedance, auto)
AUDIO:	RCA phono, 0.5 Vrms (more than 22kΩ)
EXT SYNC (IN/OUT):	Composite sync (BNC), 0.3 - 4.0 Vp-p (75Ω or high-impedance, auto)
REMOTE:	M3 jack
SDI IN/OUT:	For BT-S1415DAD only: BNC, SMPTE 259M
DC OUT:	For BT-S1415DA only: DC 6 V, 0.7 A output for optional SDI ET-SD06
Power source:	220 - 240 V AC, 50 Hz
Max amps:	0.4 A
Dimensions (W x H x D):	356 x 341 x 378 mm (14 x 13-7/16 x 14-7/8 inches)
Weight:	
BT-S1415DAD:	14.0 kg (30.9 lbs.)
BT-S1415DA:	13.5 kg (29.8 lbs.)
Operating temperature:	0 - 40°C (32 - 104°F)
Operating humidity:	20 - 80%
Accessory:	AC power cord
Options:	Rack mount bracket (BA-131), Serial digital interface unit (ET-SD06)
Applied harmonized standards:	
	EN60065
	EN55103-1 (E2, E4)
	EN55103-2 (E2, E4)

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

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[Countries and Regions]

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