



BOSCH
Invented for life

LTC 2915/91 15-inch Color Video Monitor



- ▶ 39 cm (15 in.) Screen size
- ▶ Provides 700 TV lines of resolution
- ▶ Auto-sensing of PAL and NTSC signals
- ▶ Switchable composite video and Y/C signal inputs
- ▶ On-screen menus for monitor adjustments
- ▶ Wide range power supply
- ▶ Audio capability
- ▶ Optional rack mounting

The LTC 2915/91 is a high performance, high resolution color display monitor which includes a comprehensive lineup of professional features, offering maximum flexibility for a wide variety of applications. This monitor incorporates a 39 cm (15 in.), measured diagonally, CRT which, together with a specially designed comb filter circuit, delivers outstanding color reproduction and picture clarity with more than 700 TV lines of resolution. Adjustment of display parameters are made via user-friendly on-screen menus, offering a choice of default or customized settings selectable in seven languages.

Functions

The LTC 2915/91 includes two loop-through composite video inputs, using BNC connectors with auto termination, and one set of loop-through Y/C connectors for S-video signals. Using front panel controls, each of these three inputs is selectable for display individually or in sequence mode. Single line level audio is also available for composite video A input and composite B or Y/C input.

The LTC 2915/91 features an auto-sensing function, which automatically identifies whether input signals are PAL or NTSC, an underscan function to ensure no loss or distortion of multi-screen pictures when connected

to a multiplexer device and to a universal power supply to handle a wide range of power sources.

Housed in a compact, space-saving metal cabinet, the LTC 2915/91 can be rack mounted in a 48 cm (19 in.) standard EIA rack using the optional LTC 9113/00 Rack Mount Kit.

Certifications and Approvals

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|-------------------------------------|-------------------------------------------------------------------------------------------------|
| Electromagnetic Compatibility (EMC) | Complies with FCC Part 15, ICES-003, and CE regulations |
| Safety | Complies with CE regulations, UL, CSA, EN, and IEC Standards Complies with DHHS Rules 21 CFR |

Technical Specifications

Electrical

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|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Rated Voltage | 120/230 VAC, 50/60 Hz |
| Voltage Range | 100 to 240 |
| Power at Rated Voltage | 80 W |
| Sync Format | PAL/NTSC |
| Display Tube | 39 cm (15 in.) measured diagonally, 90° deflection dot triad pitch 0.28 mm integral implosion protection |
| Viewable Picture Area | 35.6 cm (14 in.) measured diagonally |
| Linearity | 2 to 3% typical 7% maximum |
| Horizontal Resolution | 700 TVL (minimum) |
| Video Inputs | |
| Composite Video | 0.35 to 1.5 Vp-p, sync negative, auto-terminating 75 Ohm unbalanced to Hi-Z with passive loop-through operation |
| Y/C | Y-Signal: 0.7 Vp-p; C-signal: 0.3 Vp-p, auto-terminating 75 Ohm unbalanced to Hi-Z with loop-through operation |
| Audio Input | 1 V line level |
| Audio Output | Loop-through line level, 1 W speaker |
| Controls (Front Panel) | |
| OSD | Selects on-screen display menu |
| ^ | Brightness adjustment increase, up cursor |
| V | Brightness adjustment decrease, down cursor |
| < | Contrast adjustment decrease, adjustment decrease OSD |
| > | Contrast adjustment increase, adjustment increase OSD |
| A | Select video input A |
| B | Select video input B |
| Y/C | Select video input Y/C |
| SEQ | Select video input A, B, and Y/C in sequence |
| Power | On/off switch |
| Indicators Front Panel | Power on LED |

On-Screen Display (7 Languages)

Brightness, Contrast, Tint (NTSC only), Color, Default, Language (English, Chinese, French, German, Spanish, Italian, Dutch), Channel title, Dwell time, Volume, Underscan, Sharpness

Mechanical

Connectors

| | |
|---------|--------------------------------------------|
| Video A | Composite video: two (2) BNC (1 in, 1 out) |
| Video B | Composite video: two (2) BNC (1 in, 1 out) |
| Audio A | Two (2) RCA phono jacks (1 in, 1 out) |

| | |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio B | Two (2) RCA phono jacks (1 in, 1 out) |
| Y/C Video | Two (2) mini-DIN, (1 in, 1 out) |
| Power Cord | Two (2) detachable, 3-wire IEC connectors with a grounded plug, 1.83 m (6 ft) long. One (1) with a European/Continental plug type and one (1) with a U.S. plug type. |

Cabinet

| | |
|-------------------------------|--------------------------------------------|
| Material | Steel with plastic front |
| Finish | Charcoal |
| Dimensions (W x D x H) | 356 x 382 x 333 mm (14 x 15 x 13.1 in.) |
| Weight | 13.2 kg (29.0 lb) |

Environmental

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|------------------------|-------------------------------|
| Operating Temp. | 0°C to 55°C (32°F to 131°F) |
| Storage Temp. | -10°C to 60°C (14°F to 140°F) |
| Humidity | 10%–90%, non-condensing |

Ordering Information

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|-------------------------------------------------------------------------------------------------------------------|--------------|
| LTC 2915/91 15-inch Color Video Monitor 39 cm (15 in.), PAL/NTSC, 700 TVL with audio, 120/230 VAC, 50/60 Hz | 896029159101 |
|-------------------------------------------------------------------------------------------------------------------|--------------|

Hardware Accessories

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|-------------------------------------------------------------------------------------|--------------|
| LTC 9113/00 Rack Kit for one (1) LTC 2813, LTC 2914, or LTC 2915, 14-in. high | 896091130001 |
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