# LTC 2915/91 15-inch Color Video Monitor

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Invented for life

- 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

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.

## Certifications and Approvals

| | |
|---|---|
| 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

| | |
|---|---|
| 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** |
|---|---|
| Composite video: two (2) BNC (1 in, 1 out) | Video A |
| Composite video: two (2) BNC (1 in, 1 out) | Video B |
| Two (2) RCA phono jacks (1 in, 1 out) | Audio A |
| Two (2) RCA phono jacks (1 in, 1 out) | Audio B |
| Two (2) mini-DIN, (1 in, 1 out) | Y/C Video |
| 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 | Power Cord |

| **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

| | |
|---|---|
| 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

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

**Accessories**

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

**Represented by:**

**Americas:**
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

**Europe, Middle East, Africa:**
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

**Asia-Pacific:**
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

**China:**
Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

**America Latina:**
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
al.securitysystems@bosch.com
www.boschsecurity.com

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