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# LTC 2917/91 17-inch Color Video Monitor



- ▶ **44 cm (17 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 2917/91 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 44 cm (17 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 2917/91 includes two loop through composite video inputs, using BNC connectors and impedance switches, 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 and composite video B-Y/C inputs.

The LTC 2917/91 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 a universal power supply to handle a wide range of power sources.

Housed in a compact, space-saving metal cabinet, the LTC 2917/91 can be rack mounted in a 48 cm (19 in.) standard EIA rack using the optional LTC 9117/00 Rack Mount Kit.

## Certifications and Approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Product 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	90 W
Sync Format	PAL/NTSC
Display Tube	44 cm (17 in.), measured diagonally, 90° deflection dot triad pitch 0.27 mm in-line guns, integral implosion protection
Viewable Picture Area	41 cm (16 in.) measured diagonally
Linearity	2 to 3% typical

	7% maximum
Horizontal Resolution	700 TV lines (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.	
Y/C	
Y-signal: 0.7 Vp-p, C-signal: 0.3 Vp-p. Manual switching from 75 Ohm unbalanced to Hi-Z with loop-through.	
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 increases, up cursor control
V	Brightness adjustment decreases, down cursor control OSD
^	Contrast adjustment decrease, and adjustment decrease OSD
V	Contrast adjustment increase, and 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

### 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

Indicators (Front Panel)      Power on LED

### 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)	405 x 406 x 370 mm (15.9 x 16 x 14.6 in.)
Weight	19.4 kg (42.7 lb)

### Environmental

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

### Ordering Information

**LTC 2917/91 17-inch Color Video Monitor**      **LTC 2917/91**  
44 cm (17 in.), PAL/NTSC 700 TVL with audio, 120/230 VAC, 50/60 Hz

### Accessories

**LTC 9117/00 Rack Kit**      **LTC 9117/00**  
for one (1) LTC 2917, 40 cm (15.75 in.) high

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