



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, Under-scan, 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 896029179101
44 cm (17 in.), PAL/NTSC 700 TVL with audio,
120/230 VAC, 50/60 Hz

Hardware Accessories

LTC 9117/00 Rack Kit 896091170001
for one (1) LTC 2917, 40 cm (15.75 in.) high

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