



● LT 436 REAR PANEL



Y, P_B, P_R Component Output, D1 Connector, S Connector Provided

The LT 436 Analog Test Signal Generator is applicable to the NTSC system.

Since various patterns (e.g., color bar, 8-color raster, modulated stairstep, window, convergence, character, monoscope pattern, line sweep, still picture pattern of a lady with a carnation) are provided, resolution, color reproduction, linearity, high-voltage regulation, over scan and character reproduction can be tested using a single unit. Also signal modifier keys enable inverting patterns, toggling 75/100% saturation, and on/off selection of chroma and R, G, B keys.

Multiformats are provided as Y, P_B, P_R component analog, D1, S-Video Y/C, composite and RF outputs. This makes the instrument capable of adjusting and inspecting a wide variety of AV equipment.

FEATURES

• **Color Still Picture Pattern**

A full-color still picture pattern can be stored inside the instrument. Users can transfer and use their original bit map data for the still picture data. The sample pattern stored inside the instrument when it is shipped from the factory is Leader's original still picture pattern. Also, an ITE color-matching chart (a lady with a carnation) is provided as a fixed color still pattern.

• **Monoscope Pattern**

The monoscope pattern with a horizontal resolution of 1000 TV lines is provided.

Since color bar is superimposed on this pattern, resolution and color accuracy can be tested simultaneously.

• **Y_{P_B}P_R Component Analog Output**

Since component analog signals can be output together with the composite signal, this instrument can be used for adjusting and inspecting AV equipment equipped with component signal inputs.

• **D1 Connector**

D connector (D1) is built-in for digital broadcasts.
*D connector is used as the component signal interface prescribed by JEITA.

• **Super VHS**

Since an S-Video connector is provided to output separate Y/C signals, this instrument can be used for adjusting and inspecting AV equipment equipped with S connector input.

• **Various Test Patterns**

Since various patterns (e.g., still picture pattern, monoscope pattern, color bar, 8-color raster) are provided, this instrument is ideal for a wide variety of adjustment and inspection applications.

LT 436 SPECIFICATIONS

Video Signal Video Signal (common) Scanning System: Composite Signal Color System Output Connector	525 lines, interlace scanning NTSC (525/60) BNC, RCA jack
Y/C Signal Signal Specifications Output Connector	Same as composite signal S connector
Y, P_B, P_R Signal Y Output Level Video Level Sync Level P_B, P_R Output Level Output Connector Number of Outputs BNC D Connector	700 mV ±21 mV (100% White) 300 mV ±9 mV ±350 mV ±21 mV (100% saturation) BNC, D connector 1 each 1
D Connector Output (D1) Specifications	Conforms to JEITA CP-4120 standards.
Patterns Patterns Displayed	Color Bar, Raster, Line Sweep, Marker, Pulse & Bar, Step, Monoscope Pattern, Convergence, Window, Character, Still Picture Sample Pattern
Sound Signal Frequency Output Level Output Impedance Output Connector	1 kHz ±150 Hz 1 Vp-p ±0.1 V 10 k Ω ±2 k Ω RCA jack
RF Signal Output System Output Channel JAPAN USA Sound Carrier Frequency Sound Modulation Frequency Output Level Output Impedance Output Connector	M CH10, CH11 CH12, CH13 4.5 MHz 1 kHz ±150 Hz At least 0.5 mVrms 75 Ω F
RS-232C Connector Operation	Sending still picture pattern
Power Requirements	90 to 250 VAC universal, 50/60 Hz 20 W max.
Dimensions, Weight	213 (W) x 88 (H) x 300 (D) mm (excluding projections) 3.0 kg 8 3/8(W) x 3 1/2(H) x 11 3/4(D) in., 6.6 lbs.
Supplied Accessories	Floppy disk (LT 436 series application software).. 1 Power cord..... 1 Instruction manual 1